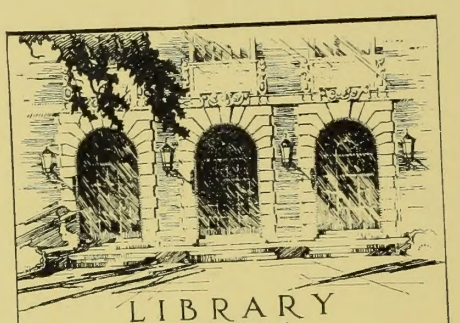


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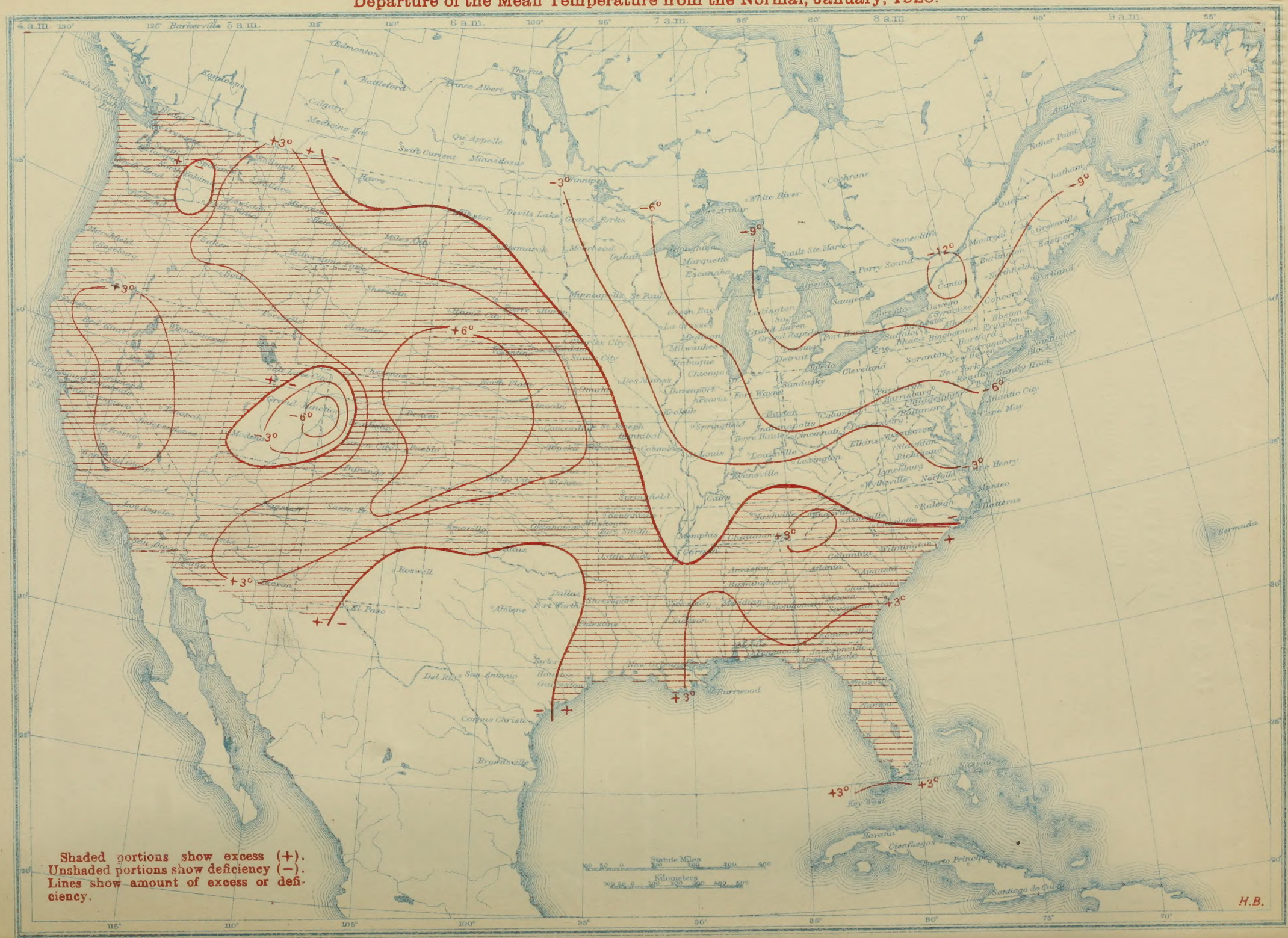
ARKANSAS SECTION

JANUARY 1920.

BY
HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
MAY 24,1920.

Departure of the Mean Temperature from the Normal, January, 1920.



Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.

H.B.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., JANUARY, 1920. No. 1.

GENERAL SUMMARY.

There was no unusual feature about the temperature means and extremes for January, 1920. The temperatures were generally equable and mild for the season although the average was below normal. The average precipitation was 50 per cent above normal and nearly all of it fell as rain. It had an uneven geographical distribution as the totals ranged about ten and one half inches. The light totals occurred in the northern portion where a few negative departures were noted, but the totals increased southward with positive departures predominating. The distribution over the month was satisfactory but the daily amounts on the 8th, 21st, 22d, and 23d were heavy. Considerable sleet was reported over the State on the 5th, 6th, 21st, and 22d. Bad roads and wet soil kept down outdoor activities and clearing of land and caring for stock were the main farm operations during this month Fruit and winter grains were in a satisfactory condition at the close of the month. T. G. S.

TEMPERATURE

The average January temperature for 54 stations in Arkansas was 39.6°. For 43 stations having a record of ten years or more the mean was 1.7° below normal. The highest monthly mean was 45.8° at Junction, Union County; the lowest, 34.8° at Gravette, Benton County, Dodd City, Marion County, and Bentonville, Benton County. The highest temperature observed during the month was 82° at Dardanelle, Yell County, on the 20th; the lowest, 11° at Bergman, Boone County, on the 4th and 10th. The greatest daily range was 49° at Dardanelle on the 20th. The highest temperatures generally occurred from the 19th to 21st and the lowest from the 1st to 5th or on the 10th.

PRECIPITATION

The average January precipitation for 71 stations in Arkansas was 6.49 inches. For 56 stations having a record of ten years or more the average was 2.09 inches above normal. The greatest monthly total was 12.83 inches at Booneville, Logan County; the least, 2.27 inches at Bentonville, Benton County. The greatest amount for 24 consecutive hours was 5.10 inches at Osceola, Mississippi County, on the 8th. The average number of rainy days was 8. The average snowfall for all stations was 0.8 inch; for 27 stations reporting 0.1 inch or more, the average was 2.1 inches. The monthly amounts of snowfall ranged from 8.7 inches at Bentonville to none at nearly all southern stations. The major portion of the precipitation fell from the 6th to the 9th and from the 21st to 23d.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative Humidity 7 A. M.	7 P. M.	Percentage of sunshine
Bentonville..	30.22	30.61	28	29.63	16	4,153	20	s.	19	82	.....	51
Fort Smith...	30.22	30.59	28	29.62	16	4,750	24	e.	5	84	71	46
Little Rock..	30.23	30.60	4	29.63	16	6,286	32	s.	16	87	72	39

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms:— 7th, 6; 8th, 5; 22d, 3; 23d, 6.

Dense Fog: — 6th, 6; 7th, 1; 8th, 1; 11th, 1; 12th, 1; 13th 1; 14th, 2; 15th, 2; 16th, 1; 27th, 6; 28th, 2.

Solar Halos:— 10th, 2.

Lunar Halos:— 10th, 2; 13th, 1; 27th, 2; 29th, 1.

Sleet:— 5th, 12; 6th, 13; 7th, 3; 8th, 5; 9th, 1; 10th, 1; 11th, 1; 21st, 6; 22d, 6.

Hail:— 6th, *Lutherville, light*; 8th, *Booneville, Heavy.*

COMPARATIVE DATA FOR ARKANSAS---- JANUARY.

Year.	Temperature. Monthly average	Departure	Highest.	Lowest	Precipitation. Monthly average.	Departure.	Number of Days. clear.	Partly cloudy	cloudy.	Precp. .01 or more
1891.....	41.6	+4.6	71	13	5.34	+1.37	10	6	15	10
1892.....	34.7	−5.4	81	−12	2.48	−2.20	18	5	8	6
1893.....	38.5	−1.6	80	−13	1.13	−3.55	17	8	6	2
1894.....	43.5	+3.4	77	−22	3.63	−1.05	13	8	10	7
1895.....	36.9	−3.2	78	− 5	5.19	+0.51	9	6	16	8
1896.....	41.4	+3.3	78	4	4.09	0.00	10	6	15	8
1897.....	38.9	+0.7	76	− 2	6.78	+2.72	13	5	13	8
1898.....	45.5	+6.0	81	10	7.93	+3.81	10	8	13	9
1899.....	39.3	+0.5	75	− 9	5.91	+1.48	12	6	13	7
1900.....	43.4	+4.6	78	1	2.69	−2.40	13	7	11	7
1901.....	45.6	+6.5	78	7	2.21	−2.20	16	7	8	5
1902.....	38.0	−2.6	79	2	4.13	−0.17	11	6	14	8
1903.....	40.2	−0.4	80	7	2.60	−1.56	13	8	10	6
1904.....	38.9	−1.4	75	− 5	3.81	−0.76	15	8	8	6
1905.....	33.3	−6.6	73	13	4.58	+0.27	12	8	11	6
1906.....	43.1	+2.9	82	− 2	5.19	+1.07	14	5	12	6
1907	49.2	+9.7	82	− 8	5.80	+1.38	8	7	16	11
1908.....	41.7	+1.7	78	6	3.75	−0.32	14	7	10	7
1909.....	43.8	+3.7	82	−19	1.79	−2.15	4	7	20	6
1910.....	41.8	+2.1	78	− 7	2.59	−1.77	16	6	9	6
1911.....	47.6	+7.1	86	− 9	1.02	−3.11	8	10	13	6
1912.....	34.3	−5.9	79	−16	3.01	−0.98	13	10	8	6
1913.....	44.0	+3.6	78	− 1	8.45	+4.34	12	7	12	10
1914.....	46.6	+6.4	82	7	1.57	−2.20	13	9	9	4
1915.....	39.3	−1.2	74	− 3	4.38	+0.21	10	6	15	8
1916.....	44.3	+3.0	82	− 6	9.39	+5.44	8	4	19	12
1917.....	44.0	+2.3	82	− 4	3.66	−0.42	11	5	15	7
1918.....	27.3	−13.6	80	−23	4.39	+0.44	13	4	14	8
1919.....	41.4	+0.1	75	− 3	3.00	−1.23	16	5	10	6
1920.....	39.6	−1.7	82	11	6.49	+2.09	12	4	15	8

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Climatological Data for January, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit). Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	27	39.7[e]	− 3.6	71[e]	22	20[d]	2	39[e]	6.67	+2.01	2.70	0.0	7	16[e]	4[e]	8[e]	n.	J. W. Campbell.
Arkadelphia	..... do	250	24	.....	.....	.....	.....	.....	.....	.....	7.75	+3.81	2.00	0.0	10	9	0	22	ne.	F. J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	7.35	+2.73	1.93	0.0	13	4	7	20	n.	Geo. E. Payne.
Batesville	Independence	277	21	35.6	− 3.1	71	20	14	5	45	6.1[5]	+1.29	2.00	0.0	8	11	0	20	.....	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	28	38.6	− 2.7	74	20	17	3	41	7.3[8]	+2.93	2.50	1.0	8	12	5	14	.....	J. E. Scanlan.
Bentonville	Benton	1303	14	34.8	+ 0.7	66	19	14	1	37	2.2[7]	−0.36	0.96	8.7	6	15	3	13	sw.	U. S. Weather Bureau.
Bergman	Boone	1324	23	36.4	− 0.1	71	20	11	4†	41	4.54	+1.61	2.00	2.0	3	16	4	11	nw.	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	5.5[5]	+1.01	1.65	T.	9	15	2	14	n.	S. J. Howe.
Booneville	Logan	.....	6	39.7	.....	76	19	20	10	36	12.8	.....	3.47	1.0	10	13	6	12	e.	Supt. Tuberculosis San.
Brinkley	Monroe	226	38	40.0	− 2.2	75	19	17	5	34	8.9[8]	+4.06	4.12	0.0	10	12	3	16	n.	H. L. D. Whitson.
Calico Rock	Izard	361	16	35.2	.....	74	19	17	2†	46	5.21	+1.47	2.00	T.	6	14	2	15	n.	J. M. Richardson
Camden	Ouachita	158	34	42.0	− 3.1	76	21	20	2	42	6.1[0]	+1.34	1.69	T.	13	9	1	21	n.	A. B. Quarterman
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	4.52	+0.04	2.03	0.3	11	10	4	17	.....	Mrs. B. E. Bishop.
Conway	Faulkner	309	36	39.8	− 0.8	77	20	20	2†	41	7.1[5]	+2.86	3.61	0.0	8	14	6	11	n.	E. E. Cordrey.
Corning	Clay	293	28	.....	.....	.....	.....	.....	.....	.....	3.0[9]	−0.88	2.00	0.0	2	16	0	15	ne.	J. N. Crutchfield.
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	6.71	.....	2.10	0.5	9	14	2	15	.....	J. R. Avera.
Dardanelle	Yell	330	34	38.5	− 1.4	82	20	21	2	49	6.4[8]	+3.14	2.00	0.3	9	12	5	14	e.	F. H. Wieser
Dodd City	Marion	1175	38	34.8	− 1.3	72	19†	13	26	44	3.62	+0.62	..	2.5	6	14	9	8	n.	Neal Dodd.
Dumas	Desha	162	12	43.0	− 0.3	75	19[5]	32	2	36	5.82	+0.82	1.38	0.0	13	7	7	17	.....	Ben. Johnson.
Dutton	Madison	1590	18	35.4	− 1.2	69	19	10	1	40	3.6[3]	−0.66	1.76	3.0	8	14	4	13	s.	J. M. Ricketts.
Eldorado	Union	265	16	44.2[e]	− 2.2	74[e]	19†	21[e]	2	35[e]	5.6[5]	+2.18	1.60	0.0	11	8	5	18	n.	Mrs. Virgil N. Walls.
England	Lonoke	229	13	38.4[m]	− 6.4	75[m]	21	22[l]	2	25[m]	8.5[3]	+4.45	4.10	1.0	8	...	.....	.....	.....	J. C. Chenault.
Eureka Springs	Carroll	1465	18	31.2	− 1.1	69	19	12	1	44	3.1[8]	−0.24	1.30	5.0	5	15	4	12	sw.	George W. Nicholds.
Fayetteville	Washington	1451	34	36.6	− 2.7	67	19†	14	1	39	3.1[7]	+0.21	1.00	4.0	5	14	5	12	s.	University of Arkansas.
Fort Smith	Sebastian	481	38	38.8	+ 0.5	72	20	22	1	33	3.89	+1.38	1.48	1.6	10	14	17	0	e	U. S. Weather Bureau.
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	7.50	+3.40	2.65	0.0	5	9[a]	6[a]	15	n.	T. J. Logan.
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	8.59	.....	2.50	0.0	10	9	2	20	.....	Charles Hilburn.
Gillett	Arkansas	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. H. France
Grannis	Polk	921	2	41.2	.....	71	20	22	2†	39	6.67	.....	1.94	1.5	11	14	1	16	sw.	Dr. F. C. Mullins
Gravette	Benton	1250	22	34.8	− 2.4	66	29	12	1	43	2.61	−0.22	1.24	7.0	8	14	4	13	ne.	A. F. Stevens.
Hardy	Sharp	643	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. A. Caywood.
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	9.31	+3.91	2.80	0.0	10	15[b]	2[b]	12	n.	T. J. Mitchell.
Hidgen	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	8.2[3]	.....	3.00	T.	6	16	5	10	.....	Chas. Smothers.
Hope	Hempstead	377	48	42.6	− 2.5	76	20	21	2	33	8.3[1]	+3.21	3.63	2.0	11	12	5	14	n.	N. P. O'Neal.
Hot Springs	Garland	600	28	43.6	+ 0.4	71	20	22	5†	39	7.1[8]	+2.08	2.33	T.	8	14	5	12	n.	A. & N. Gen. Hospital
Huttig	Union	.....	13	45.6	− 3.2	77	20	20	3	43	8.0[6]	+3.82	1.97	0.0	11	9	10	12	.....	C. A Berry.
Jelks‡‡	Woodruff	196	4	.....	.....	.....	.....	.....	.....	.....	3.72	.....	3.94	0.0	6	15	1	15	n.	W. E. Baker.
Jonesboro	Craighead	345	25	40.2	− 0.8	74	20	15	5	42	6.92	+1.72	3.40	T.	7	16	6	9	n.	Benedictine Sisters.
Junction‡‡	Union	182	27	45.8	− 0.2	76	20	24	2	33	5.83	+1.98	1.69	0.0	9	7	5	19	n.	J. A. Lowderback.
Lewisville	Lafayette	262	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. H. Dismukes.
Little Rock	Pulaski	286	41	40.8	+ 0.2	73	20	22	5	38	9.19	+4.40	4.61	0.4	10	9	5	17	n.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	23	38.8	− 1.7	71	20	18	1†	35	5.9[5]	+2.21	2.32	0.0	6	13	2	16	sw.	H. Kauffeld.
Magnolia	Columbia	315	2	44.1[c]	.....	77[e]	20	22[f]	2	37[f]	5.98	.....	1.98	0.0	8	8[e]	8[e]	10	n.	State Agriculture School
Malvern	Hot Spring	277	37	41.0	− 2.1	70	19	17	5	31	9.21	+3.56	2.60	T.	11	8	4	19	ne	Mrs. Kate L. Smith.
Mammoth Spring	Fulton	512	15	36.4	− 0.8	70	19†	13	10	44	4.25	+0.66	1.84	T.	6	18	0	13	ne.	W. S. Vincent.
Marianna	Lee	235	9	37.8[8]	− 2.5	70[g]	20	18	4	31	7.6[0]	.....	.....	T.	6	10	7	14	n.	Mrs. Mary Spaine.
Marked Tree	Poinsett	229	5	37.8	.....	74	19	16	5	37	10.9	+6.07	4.18	0.0	9	13	10	8	s.	Charles Walton
Marshall	Searcy	1083	5	38.7	.....	72	19	18	1	40	5.3[6]	.....	2.38	T.	6	15	5	11	nw.	W. F. Reeves.
Mena	Polk	1284	32	40.3	− 1.5	70	20	21	9†	37	7.00	+3.20	2.23	1.0	13	14	2	15	w.	V. W. St. John.
Morrilton	Conway	347	2	39.3	.....	63	1†	22	5	28	5.40	.....	2.00	0.0	7	9	5	17	e.	J. W. Dilbeck.
Mountain Home	Baxter	800	6	35.9	.....	73	19	15	10	43	4.8[3]	.....	2.00	0.0	5	18	1	12	n.	B. S. Halbert.
Mount Ida	Montgomery	730	19	40.4	.....	71	19†	16	2	45	7.52	+2.99	2.6[0]	0.8	9	11	3	17	e.	G. A. Whittington.
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	8.26	.....	2.55	0.0	9	5	3	23	e.	Henry A. Davis.
Nail	Newton	2233	27	.....	.....	63[r]	30	15[r]	19	.....	3.2[6]	−0.72	.....	5.0	.....	.....	.....	.....	.....	Charles Paxton.
Newport	Jackson	231	36	37.4	.....	71	19†	12	5	37	7.28	+2.33	2.42	0.0	6	13	5	13	nw.	George L. Robinson.
Okay	Pope	1700	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service.
Osceola	Mississippi	240	20	42.2	+ 2.8	72	20	17	5	44	8.57	+3.77	5.10	0.0	5	16	1	14	.....	Atwood P. Smith.
Ozark	Franklin	377	24	38.0	− 3.1	74	20	20	1	38	5.92	+3.45	2.53	2.0	8	5	9	17	nw.	Isham Burrow
Pine Bluff	Jefferson	215	36	39.7	− 3.7	74	19	21	9	32	5.82	+0.53	1.82	0.2	13	9	4	18	ne.	Roy H. Hammon.
Pocahontas	Randolph	300	28	38.4[b]	− 0.2	71[d]	20	15[d]	5	43[d]	5.97	+1.53	2.30	0.1	6	17	3	11	.....	Benedictine Sisters.
Portland	Ashley	122	14	45.4	− 2.0	76	19	24	2†	32	8.1[9]	+3.56	2.2[0]	0.0	11	11	3	17	n.	W. E. Edmiston.
Prescott	Nevada	327	38	42.7	− 2.4	76	20	24	2	34	8.30	+3.90	3.10	0.4	13	12	1	18	n.	Irvin A. Blakely.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	3.38	−1.42	1.50	T.	6	11	0	20	n.	Foote Coleman.
Rison	Cleveland	243	18	41.8	− 1.7	76	20	22	1	39	6.20	+0.34	2.00	0.0	10	10	6	15	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	29	35.8	− 1.0	68	19	14	1	43	2.54	−0.14	1.2[0]	4.6	4	15	3	13	nw.	Carl A. Starck.
Searcy	White	236	7	39.8	.....	75	20	20	3†	36	7.73	.....	2.5[0]	0.0	10	13	2	16	n	Miss Sarah Cypert.
Sheridan	Grant	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	Miss Elsie. Glover.
Springbank ‡‡	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	6.68	+3.27	2.10	0.0	11	8	0	23	nw.	G. Field.
Stuttgart	Arkansas	228	32	41.1	− 1.9	75	20	20	5	36	6.40	+1.27	2.50	0.4	12	10	8	13	n.	H. A. Buerkle.
Subiaco	Logan	1050	23	39.7	− 2.0	74	20	21	1†	38	6.02	+2.74	2.0[0]	0.0	9	13	6	12	ne.	New Subiaco Abbey.
Texarkana	Miller	332	38	43.6	− 3.0	77	20	24	2	35	8.39	+5.30	2.40	0.0	9	13	4	14	n.	H. S. Brashear.
Umpher ‡‡	Yell	2000	3	36.6[a]	.....	69[a]	19	20[a]	9	39[a]	6.78	.....	1.80	0.5	7	13[a]	3[a]	14[a]	n.	U. S. Forest Service.
Waldron	Scott	675	22	.....	.....	.....	.....	.....	.....	.....	6.87	.....	2.47	0.3	9	12	5	14	nw.	Cheves. Bevil.
Warren	Bradley	206	5	43.8	− 1.0	75	20	23	2	36	5.31	+0.55	1.66	T.	11	11	3	17	ne.	J. L. Clegg.
Whitecliffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	7.00	+4.03	3.00	T.	5	11	1	19	ne.	Eulela M Schirmer.
Wynne	Cross	250	12	36.6	− 3.4	80	20†	18	5	41	7.57	+2.16	3.1[0]	T.	10	12	1	18	n.	E. O. Allen.
State Means and Extremes				39.6	− 1.7	82	20	11	4†	49	6.49	+2.09	5.10	0.8	8	12	4	15	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post office addresses of these stations as follows:- Junction Randolph La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark. Jelks, Patterson Ark.

Daily Precipitation for January, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity ‖	Ouachita						.12		2.70	.30		.45	.10										2.00	1.00									6.67
rkadelphia ‖	do						.22	.30	2.00	1.00		.20		.15		.18						1.20	1.60	.90									7.75
rkansas City ‖	Mississippi					.51	.06	.46	1.70		.02	.08		.18		.30	.12					.03	1.89	.07	1.93								7.35
atesville ‖	White						.04	.12	2.00	1.30			T.				.02					1.38	.52	.74	T.								6.12
ee Branch	Arkansas						.10	.65	2.40	T.		.10				T.	.10					1.00	.50	2.50									7.35
entonville ***	do					.15		.73	.43			T.									T.	T.	.83	.12	.01								2.27
ergman	White								2.00														.70	1.84									4.54
lack Rock ‖	do						.15	.15	.85	1.05							.03					1.00	.55	1.65	.10								5.53
ooneville	Arkansas						.16	1.89	2.70	.27		.64				.36					.06	1.54	1.74	3.47									12.83
rinkley ‖	White						.36	.56	4.12			.04		.41		.40	.68			1.21	.80	.41												8.99
alico Rock ‖	do						T.	.07	1.37	.80						T.						.30	.67	2.00									5.51
amden ‖	Ouachita					.18	.23	1.69	1.50			.11	.09	.07	.10			.18				.08	.72	1.52	.63								6.10
enterpoint	Red																																
larendon ‖	White						.03	.01	2.03	.10			.15	.01			.15					.10	.93	.95	.06								4.52
onway	Arkansas							.47	3.01			.16	.02			.64						1.38	.39	1.08									7.15
orning ‖	White						T.		2.00														1.00										3.00
anville ‖	Arkansas						.12		1.96	.79		.20	.12				.44					.60	.38	2.10									6.71
ardanelle	do						.05		1.87	.78		.22	.02				.35					.68	.48	2.00									6.45
odd City	White					.30		.30	.75													*	*	2.27									3.62
unas	Arkansas						.30	.68	1.38	.05		.17	.04	.12		.05	.48					1.00	1.25	.20	.10								5.82
utton	White					.15	.05	.70	.11			.07										.09	.70	1.76									3.63
idora ‖	Ouachita						.55	.40	.78			.21		.14		.10	.30					.64	.13	1.60	.80								5.65
ngland ‖	Arkansas							.40	4.10	.65			.04	.24		.55							1.30	1.25									8.53
ureka Springs	White						.18	.40	.60														.70	1.30									3.18
ayetteville	do					T.	‡25	.64	1.00	T.												T	.60	.68	T.								3.17
ort Smith ***	Arkansas					.11	01	1.06	.47		.01	.19				T.					.03	.45	1.30	.26	T.								3.89
ulton ‖	Red								2.65	1.00		.31	T	T.	T.		T.					T.	2.14	1.40	T.								7.50
eorgetown ‖	White						.12	.10	2.50	1.30			.06	.10			.62					1.90	.83	1.06									8.59
illett	Arkansas																																
rannis	Red					.32	.11	.93	1.34			.35		.01		.22	.01					.67	.77	1.94									6.67
ravette	White					.13	.19	*	1.34	.04												.02	.13	.76	T.								2.61
ardy	do																																
elena ‖	Mississippi								2.80	1.40	1.14		.02	.02			.92					T.	1.56	.40	1.03	.02		T.					9.31
isden	White						.20	.30	2.82	T.													1.31	.60	3.00								8.23
ope	Red					.32		.59	3.63			.29		.09		.04	.07					.78	1.52	.93	.05								8.31
ot Springs	Ouachita						.58	T.	2.33			.28				.28	.25					.80	1.28	1.38									7.18
uttig	do								1.75			.16	.12	.39		.05	.38					1.94	.39	1.97	.88	.03							8.06
oesboro	White						.10	.50	3.40							.40						.32	.85	1.35									6.92
unction	Ouachita							T	.39		.45			.48		.17	.47					.44	.34	1.69	1.40								5.83
ewisville	Red																																
ittle Rock ***	Arkansas						.19	T.	1.90	2.85		T.	.15		.01		.81				.09	1.77	.74	.68	T.			T.					9.19
utherville	do							T.	.66	1.63												.59	.54	2.32									5.95
agnolia	Red							.53	.85	1.09							.44					.36	.19	1.98	.54								5.98
alvern ‖	Ouachita							T.	.35	2 60	1.35		.27	.17	.30	T.	.27					.80	1.85	1.05	.20								9.21
ammoth Spring	White						.19	.19	1.19													.30	.54	1.84									4 25
arianna	Mississippi						*			2.20		.19		T.		1.86						*	2.18	1.18									7.60
arked Tree ‖	St. Francis						.09	.16	4.18	1.48	T.					.33				2.30	.87	1.44	.05	T.									10.90
arshall	White					T.	.12	.07	1.92			T.										.25	.62	2.38									5.36
ena	Ouachita						.18	.14	.89	1.60	.02	T.	.35	.01	.01		.50	T.				.54	.52	2.23				.01					7.00
orrilton	Arkansas								40	2.00			.10				.60					.50	.10	1.70									5.40
ountain Home	White						.13	.38	2.00														.72	1.60									4.83
o nt Ida	Ouachita					.08	.27	.70	2.65			.35				.30						1.13	.83	1.20									7.51
urfreesboro ‖	do					.51			2.55	.51		.41										1.16	1.87	1.03	.17		.05						8.26
ail	White						T.	.47	T													T.	T.	T.						*	2.79		3.26
ewport	do							.11	2.06	1.75							T.					.76	.18	2.42									7.28
kay	Arkansas																																
sceola	Mississippi						T.	T.	5.10	.70							.37					1 80	.60										8.57
zark	Arkansas					.20	.60	.40	1.37	T.		.12				T.						.25	.45	2.53									5.92
atterson ‖	Cache								3.90	1.10							.87					1.90	.70	1.25									9.72
ine Bluff	Arkansas						.30	.28	1.82	.31		.08	.09	.02	.05		.49						.13	.91	1.22	.12								5.82
alhoun	White						.17	.20	2.30	.20													1.20	1.90									5.97
eland	Ouachita						.60	.15	1.38			.15		.40		.10	.45					1.55	.56	2.20	.65								8.19
escott	do						.04	.11	3.10	.68		.35	.05	.10	.04		.48					.45	1.80	1.05	.05								8.30
rinceton ‖	Ouachita						T.		.40	.45			.25	T.			.38						1.50	40									3.38
rson	do						.12	2.00	.35		.20	.12	.05			.30						1.52	1.27	.27									6.40
ogers	Arkansas					T.	T.		.30	1.00												T.	.03	1.21	T.								2.54
arey	White						.38	.51	2.50	.05						.15	.45				.04	1.40	1.23	1.02									7.73
ecilian ‖	Ouachita																																
pringbank ‖	Red						.60	.11	2.10	.56		.22	.20	.05	T.		.15	T.					.74	1.55	.40						T.		6.68
uttgart	Arkansas						.25	.47	2.50			.10	.13		.17		.48					1.00	.25	.90	.08			.07					6.20
obacco	do						.19		2.00	.58	.04		.18				.09					.41	.72	1.81	T.								6.02
exarkana ‖	Red						.22		1.80	2.40			.22		.25		.05					.50	1.80	1.15									8.39
mphies	Arkansas						.19		.64	1.80		.95					.30					1.10		1.80									6.78
aldon	do						*		1.85	1.03		.19	.15				.37				.20	.38	2.47		T.								6.87
arren	Ouachita						.43	.73	.66			.15		.15		.07	.24					.68	.14	1.66	.40								5.31
hitecliffs ‖	Red						.10	T.	2.40													.20	3.00	1.30									7.00
ynne	St. Francis						.10	.15	3.10	.80				.12			.69	.01				1.20	.30	1.10									7 57

xcept as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation.
* Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the nex
ollowing measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for January, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	5.5	5.2	5.0	5.0	4.9	4.8	4.8	4.7	7.3	7.5	7.4	7.5	7.1	7.5	7.5	7.2	7.7	8.4	8.5	8.4	8.3	8.2	10.8	13.0	13.5	13.4	12.6	11.3	8.8	8.0	7.7
ar Lamelle	do	20	3.0	3.0	2.8	2.5	2.3	2.3	2.3	3.2	5.8	6.4	6.7	6.6	6.6	6.2	5.8	6.0	6.0	5.8	6.0	6.4	6.9	7.1	10.8	14.5	13.3	13.0	12.5	11 4	10.0	8.4	7.4
ittle Rock	do	23	2.0	2.2	2.0	2.3	2.1	2.0	1.8	2.0	6.4	8.6	9.6	10.0	9.6	9.1	8.5	8.0	7.9	7.8	7.4	7.0	7.0	8.5	10.5	13.5	15.8	15.5	15.1	14.8	13.9	12.6	10.9
ine Bluff	do	25	6.7	6.7	6.7	6.8	6.9	7.0	6.7	6.7	9.7	12.1	13.4	14.1	14.0	13.6	13.6	12.5	11.0	10.9	10.8	10.6	10.6	11.0	13.4	14.7	18.6	19.3	19.0	19 0	18.2	17.7	17.1
lack Rock	Black	14	4 5	4.3	4.3	4.0	4.0	4.0	3.7	5.0	11.8	12.0	11.0	10.0	9.0	8.0	7.0	7.0	7.0	7.0	7.0	7.5	7.7	8.2	12.0	20.0	20.2	19.1	18.4	17.9	17.0	16.8	16.0
anco Rock	White	18	1.2	1.3	1.5	1.1	1.1	1.1	0.7	2.1	3.9	3.6	2.9	2.8	2.9	2.6	3.6	3.8	4.6	4.9	4.8	5.1	5.2	5.0	8.4	17.3	13.0	11.9	12.1	9.3	7.6	6.6	5.9
aresville	do	23	6.8	6.7	6.8	7.0	6.8	6.9	6.8	8.2	12.5	11.2	10.0	9.3	9.0	9.0	9.1	9.1	10.3	10.9	11.0	10.6	12.1	12 5	17.4	23.6	24.8	19.9	19.8	18.4	15.8	14.0	12.9
ewport	do	26	4.7	4.7	4.6	4.6	4.6	4.4	4.2	4.2	10.0	13.4	14 1	13.9	13.4	12.9	10.1	9.8	9.4	9.6	9.7	9.5	9.6	9.6	12.9	20.1	25.5	24.5	24.6	25.0	24.5	23.8	22.5
eorge own	do	22	7.2	6.8	6.3	5.9	5.5	5.3	5.0	5.8	13.6	17.6	18 7	19.3	19.2	19.1	18 6	18.1	17.6	17.3	16.9	16.5	16.3	16.8	18.1	19.5	20.5	21.6	22.1	22 3	22.5	22.7	22.8
larendon	do	30	21.7	21.1	20.5	19.9	19.5	18.7	18.1	18.3	20.5	21.8	22.8	23.6	24.5	25.1	25.5	25.8	25.9	25.9	25.9	25.7	25.5	25.5	25.6	25.7	25.9	26.1	26.4	26.9	27.2	27.5	27.8
elena	Mississippi	42	31 7	28.2	24.5	21.1	18.6	16.9	15.3	14 3	14.6	15.4	16.2	18.6	21.8	24.7	27.3	29.3	30.7	31.6	32.2	32.5	32.5	32.4	31.9	31.4	30.9	31.0	31.7	32.8	33.7	34.5	35.4
rkansas City	do	42	42.5	41.5	38.9	36.1	33.5	30.8	28.0	25.2	23.8	22.8	22.8	23.6	25.2	27.5	29.5	31.7	32.2	34.4	35.3	35.9	36.3	36.9	37.1	37.3	37.3	37.4	37.8	38.2	38.7	39.3	39.7
amden	Ouachita	49	11.4	10.5	9.8	9.1	8.0	8.0	7.9	8.2	17.1	27.1	31.8	33.4	34.2	36.6	36.3	33.0	32.0	30.8	29.4	27.5	19.8	20.3	21.6	28.0	30.7	32.1	34.6	35.5	34.6	33.4	32.3

* Below Zero

Daily Temperatures for January, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Amity §§	Maximum	59	55	56	44	33	40	40	44	39	41	43	....	42	61	54	68	66	66	....	....	71	....	48	38	47	51	44	54	59	67	....
	Minimum	29	20	22	22	26	26	22	34	25	24	25	36	....	30	30	41	33	31	35	....	....	....	33	28	28	32	29	25	25	25	28
Batesville §§	Maximum	39	45	50	31	33	36	42	34	30	42	45	40	53	55	51	63	49	54	70	71	31	37	47	36	42	48	41	46	53	62	52
	Minimum	23	18	15	16	14	20	31	31	24	19	20	26	26	23	24	31	31	25	25	32	32	29	32	33	24	18	26	30	26	21	21
Bee Branch	Maximum	61	49	47	45	33	33	39	40	33	40	41	44	48	51	47	62	58	53	68	74	27	38	33	28	21	24	30	26	23	25	28
	Minimum	20	20	17	25	19	24	32	30	21	20	31	28	31	27	32	42	31	27	32	44	27	37	37	28	42	55	51	47	59	63	63
Bentonville	Maximum	38	39	50	36	33	35	34	26	30	37	39	39	46	36	47	57	43	58	66	65	28	40	28	21	27	28	25	19	20	25	21
	Minimum	14	22	22	22	25	31	25	17	15	18	28	26	31	23	33	40	30	28	40	28	21	27	28	25	19	20	25	21	27	28	34
Bergman	Maximum	54	36	51	43	46	35	35	33	31	41	38	40	41	56	49	58	56	61	70	71	57	52	46	38	38	41	55	53	58	67	57
	Minimum	13	19	16	11	14	23	29	23	13	11	27	32	34	24	29	42	30	2	32	41	21	24	30	23	22	15	15	23	22	28	28
Booneville	Maximum	35	37	40	38	41	37	38	39	39	31	38	41	39	44	49	47	57	38	38	38	38	41	37	33	33	35	31	34	30	29	30
	Minimum	30	29	31	25	30	30	31	33	30	20	30	32	35	35	37	38	38	38	41	37	33	33	35	31	34	30	29	30	31	26	30
Brinkley	Maximum	66	51	50	42	32	39	41	41	38	44	43	49	48	50	56	59	61	47	58	74	71	32	36	44	32	39	43	35	46	53	62
	Minimum	26	22	19	26	17	32	36	32	26	22	35	31	31	27	33	33	31	28	48	29	38	36	44	32	39	43	35	46	53	62	51
Calico Rock §§	Maximum	57	43	55	34	33	37	41	35	29	41	43	48	50	56	59	61	47	58	74	71	32	36	44	32	39	43	35	46	53	62	51
	Minimum	29	17	17	20	19	21	31	31	19	18	19	28	27	25	25	29	38	27	28	31	30	24	31	31	41	47	41	47	45	44	50
Camden	Maximum	74	45	53	57	45	33	45	44	46	40	40	46	48	49	57	56	58	58	72	74	76	45	43	47	41	47	45	44	50	50	55
	Minimum	32	29	24	25	28	27	33	33	28	26	30	36	40	31	33	43	38	38	51	51	41	33	31	16	29	25	36	39	32	29	32
Conway	Maximum	56	51	51	44	34	36	41	39	34	42	41	45	50	51	52	62	57	57	73	77	68	38	47	47	41	46	47	47	56	62	61
	Minimum	23	29	29	29	22	27	35	32	24	22	35	30	34	28	30	38	38	29	32	54	33	21	36	32	26	25	34	29	33	24	27
Dardanelle	Maximum	44	50	50	39	31	36	40	34	39	44	40	43	53	45	48	63	55	50	70	82	36	49	49	38	16	15	48	51	56	60	45
	Minimum	24	21	24	25	24	24	31	33	24	23	24	33	31	30	31	33	28	34	31	33	35	32	33	35	27	25	30	32	29	26	27
Dodd City	Maximum	38	39	52	48	32	34	38	33	28	42	38	40	44	51	53	58	56	55	72	72	66	33	33	39	37	48	47	48	53	62	57
	Minimum	14	17	15	18	16	24	30	24	15	15	30	22	30	22	26	36	34	34	31	31	22	25	30	24	16	13	24	29	18	23	25
Dumas	Maximum	67	53	51	44	36	42	43	43	37	39	42	48	47	59	50	64	62	65	75	75	69	52	47	46	43	45	45	45	52	62	62
	Minimum	31	22	24	32	23	31	41	36	31	26	35	38	40	30	36	38	36	33	43	58	36	36	33	33	29	32	35	35	29	30	43
Dutton	Maximum	46	43	51	42	29	32	36	39	31	37	38	37	45	48	45	57	48	57	69	68	61	43	41	36	49	50	54	52	58	65	61
	Minimum	10	13	16	20	18	22	23	25	16	12	30	25	31	20	30	42	25	26	32	42	27	29	36	23	20	14	20	21	20	20	23
Eldorado	Maximum	67	52	....	56	39	46	48	44	....	43	43	47	48	....	56	64	63	70	74	74	73	48	49	40	45	48	43	46	46	61	63
	Minimum	32	21	....	28	27	28	42	37	....	26	34	38	41	....	34	47	39	37	49	56	38	34	38	36	29	32	38	38	29	29	40
England §§	Maximum	35	38	35	35	40	32	40	35	34	38	45	48	....	....	....	....	50	55	60	....	70	75	38	....	....	....	....	....	....	....	....
	Minimum	21	22	28	29	24	32	40	34	25	26	32	35	38	....	....	....	30	30	35	40	....	60	39	30	....	....	....	....	....	....	32
Eureka Springs	Maximum	41	41	54	41	34	36	37	29	32	38	40	39	50	44	47	59	49	61	69	66	40	35	38	35	45	63	57	56	65	68	63
	Minimum	12	25	19	19	22	28	28	22	14	22	32	26	36	34	43	32	27	27	47	39	21	24	32	23	18	19	28	21	25	35	38
Fayetteville	Maximum	51	42	56	41	38	36	36	31	29	35	36	38	48	40	47	58	57	57	67	67	41	38	39	35	41	57	58	52	59	61	65
	Minimum	14	26	21	22	23	27	31	23	16	20	21	25	36	24	35	42	38	28	41	39	23	25	31	23	20	18	22	22	26	28	27
Fort Smith	Maximum	42	49	52	42	32	35	38	35	30	38	39	46	46	45	46	60	55	57	70	72	42	38	44	37	42	45	43	51	54	60	59
	Minimum	22	26	26	30	25	28	33	25	22	25	32	35	34	32	34	43	37	33	33	36	29	26	26	32	31	30	31	33	31	33	33
Grannis	Maximum	49	54	54	44	36	34	39	40	32	38	43	48	53	56	49	63	65	63	69	71	67	38	46	42	49	46	46	50	56	63	65
	Minimum	24	22	23	36	25	27	33	31	22	24	33	35	41	34	41	49	36	35	41	48	38	35	36	31	26	24	30	26	29	24	26
Gravette	Maximum	39	41	51	41	34	35	35	35	31	37	38	38	45	44	47	58	49	59	65	65	35	38	38	34	43	55	51	48	66	64	61
	Minimum	14	18	14	21	20	27	25	21	15	15	32	18	28	21	34	38	27	26	37	35	21	26	32	21	20	17	21	21	23	24	28
Hope	Maximum	59	54	52	48	41	41	37	42	40	41	44	49	50	52	51	57	69	68	73	76	68	38	45	44	40	45	43	52	50	62	64
	Minimum	28	21	24	33	25	30	35	36	25	25	39	38	39	32	40	47	36	35	42	55	36	33	36	33	28	27	36	35	38	34	34
Hot Springs	Maximum	63	52	58	52	50	38	40	39	37	41	43	46	54	60	66	65	69	75	76	77	75	47	55	52	48	44	45	45	48	65	68
	Minimum	39	31	35	25	22	25	35	32	22	22	34	35	34	31	40	43	40	37	49	57	35	36	48	34	26	29	30	27	30	31	35
Huttig	Maximum	75	55	59	55	41	48	49	47	40	45	44	46	49	59	55	66	69	75	76	77	75	47	55	52	48	44	45	45	48	65	68
	Minimum	32	21	26	32	25	29	44	37	29	27	34	37	40	35	39	48	35	35	45	53	39	34	40	36	30	34	39	39	30	34	49
Jonesboro	Maximum	58	47	46	46	38	35	42	38	31	41	43	50	54	45	48	55	56	54	70	74	56	60	56	45	39	53	46	43	53	67	57
	Minimum	23	24	27	24	15	31	32	33	24	26	33	27	40	43	40	40	37	38	34	40	28	28	34	31	23	25	40	30	24	25	33
Junction	Maximum	65	52	54	52	50	47	49	47	39	42	47	48	50	52	54	64	69	71	74	76	72	42	56	49	48	46	48	50	53	56	64
	Minimum	34	24	28	31	26	30	44	36	29	30	35	38	41	46	47	48	36	41	56	63	40	35	41	43	41	42	43	45	51	60	57
Little Rock	Maximum	38	50	52	42	32	42	41	37	33	44	42	50	48	57	49	63	53	54	67	73	69	38	47	43	41	42	43	45	51	60	57
	Minimum	26	27	25	25	22	28	37	32	25	26	35	37	40	34	36	48	40	33	43	56	31	31	38	31	25	29	37	31	27	33	37
Lutherville	Maximum	55	50	47	48	37	36	38	37	31	36	38	44	49	47	46	62	58	56	69	71	68	37	42	42	45	49	47	52	56	62	59
	Minimum	18	22	20	20	20	24	31	18	20	20	30	31	35	30	32	42	36	31	40	51	29	30	35	27	23	24	30	28	25	30	38
Magnolia	Maximum	68	52	56	44	43	41	46	43	38	41	....	....	....	....	....	....	49	36	40	51	56	39	34	37	....	30	32	38	35	30	30	39
	Minimum	34	29	26	34	28	27	41	37	28	28	....	....	....	....	....	....	65	68	72	77	72	39	46	47	47	41	42	50	45	44	60	61
Malvern §§	Maximum	40	52	50	45	40	45	42	40	39	40	43	44	47	48	54	64	63	57	70	65	50	45	44	38	40	42	43	48	51	60	62
	Minimum	30	27	25	32	17	31	39	36	25	24	36	34	40	30	46	42	37	32	40	45	36	34	39	38	27	39	38	38	27	29	32
Mammoth Spring	Maximum	56	36	53	52	36	33	49	36	31	37	40	49	51	55	48	59	54	57	70	70	67	34	41	41	38	50	49	46	52	62	55
	Minimum	18	16	14	22	14	27	32	19	19	13	32	22	40	22	28	39	31	25	26	29	23	26	24	28	22	16	28	26	19	20	27
Marianna §§	Maximum	49	40	35	33	39	..	....	....	....	....	....	....	52	55	52	60	54	55	69	70	32	44	46	33	27	35	42	34	48	54	54
	Minimum	23	21	25	18	21	31	....	....	....	....	....	....	....	33	31	40	35	30	38	45	32	28	28	33	24	24	28	28	23	23	25
Marked Tree §§	Maximum	38	47	45	32	38	38	44	40	33	46	48	52	64	51	62	53	52	70	74	39	40	44	41	40	50	48	38	54	58	60	60
	Minimum	25	24	19	20	16	18	33	34	26	25	26	25	27	30	31	30	30	35	41	32	29	33	33	25	27	28	31	27	27	25	25
Marshall	Maximum	53	41	55	47	33	35	38	39	31	38	40	42	45	51	50	59	58	56	72	69	65	35	43	40	38	50	51	45	52	61	61
	Minimum	18	27	22	22	20	26	34	27	19	22	34	36	31	30	37	45	35	30	45	56	25	25	36	27	21	20	31	24	24	28	31
Mena	Maximum	45	52	52	44	36	34	37	37	32	38	40	44	49	54	49	61	60	62	69	70	68	38	44	39	39	50	47	50	58	64	63
	Minimum	23	22	23	33	26	26	33	36	21	22	33	34	34	31	39	49	38	33	48	55	35	32	32	29	25	21	31	33	25	27	28
Morrilton	Maximum	63	44	45	38	30	30	40	35	33	38	40	42	52	52	54	58	54	44	62	61	48	39	45	32	29	33	35	41	46	49	46
	Minimum	40	27	23	27	22	25	34	33	23	24	34	31	40	47	48	45	37	27	34	48	37	30	32	30	26	26	34	25	25	35	32
Mountain Home	Maximum	40	40	56	43	33	34	38	35	30	39	40	41	50	57	47	61	53	56	73	70	47	34	42	39	38	50	48	29	55	64	53
	Minimum	16	18	16	21	16	26	32	27	17	15	34	22	32	22	26	41	33	25	30	42	24	27	36	27	19	17	27	22	20	23	29
Mount Ida	Maximum	55	56	54	45	38	35	38	38	35	41	45	47	50	52	56	64	64	65	71	71	70	40	44	44	45	48	52	52	58	65	65
	Minimum	23	16	18	30	26	26	35	33	23	19	31	35	40	38	28	47	29	28	30	47	33	37	46	35	38	48	43	41	51	60	47
Newport	Maximum	39	47	49	35	35	37	40	34	30	45	45	50	54	66	50	55	50	54	71	71	33	37	46	35	38	48	43	41	51	60	47
	Minimum	24	24	19	26	12	20	32	33	24	22	25	29	34	29	33	37	39	29	36	41	32	29	32	24	25	28	31	25	27	31	31
Osceola	Maximum	62	56	49	52	48	46	44	39	50	54	46	46	55	54	47	60	54	53	70	72	65	55	55	70	60	55	65	58	55	57	52
	Minimum	26	24	18	21	17	31	36	32	26	24	33	29	35	29	35	42	35	29	35	49	29	31	36	26	24	25	24	24	25	30	32
Ozark	Maximum	57	47	45	45	30	35	39	40	36	36	34	43	49	49	45	62	56	45	63	74	56	39	45	44	31	40	42	49	42	59	66
	Minimum	20	21	25	29	25	26	34	34	23	23	30	28	39	29	31	41	33	36	32	42	34	34	37	31	23	22	33	29	28	21	29
Pine Bluff	Maximum	51	52	46	34	42	42	39	37	39	41	47	47	53	55	61	57	61	70	74	46	42	46	39	41	40	43	42	48	52	56	57
	Minimum	25	26	26	25	25	24	32	31	21	25	31	31	32	23	33	34	35	42	48	37	32	32	34	29	31	31	32	29	29	33	33
Pocahontas	Maximum	64	38	45	39	35	34	40	....	....	39	42	49	55	53	47	64	59	56	70	71	....	....	42	42	37	49	43	42	53	62	58
	Minimum	21	29	17	22	15	30	33	....	....	20	33	25	38	26	30	46	35	27	32	34	....	....	32	30	22	21	33	28	23	24	32
Portland	Maximum	66	54	55	47	36	46	47	46	42	44	44	47	49	57	51	63	64	73	76	74	71	42	58	56	43	43	47	46	46	62	65
	Minimum	34	24	26	35	24	32	44	39	33	28	36	39	44	35	40	49	39	42	37	64	40	36	41	37	32	35	41	36	31	36	48
Prescott	Maximum	58	54	55	47	42	37	42	41	39	40	43	47	50	58	50	65	61	68	72	76	61	38	46	47	47	42	51	42	52	64	69
	Minimum	31	24	25	35	25	27	37	35	26	26	27	37	40	37	38	49	35	35	34	43	53	35	32	37	33	28	27	27	37	35	33
Rison	Maximum	41	54	56	42	34	44	43	37	40	44	47	48	50	58	55	64	61	67	73	76	39	45	46	39	43	43	44	45	54	64	62
	Minimum	22	24	32	25	26	34	36	29	24	34	38	39	25	34	41	37	33	47	57	37	32	34	37	28	31	34	34	27	30	37	32
Rogers	Maximum	40	40	51	44	33	36	36	36	81	33	37	39	38	48	44	46	58	51	59	68	67	37	37	35	33	45	59	54	18	62	65
	Minimum	14	25	13	21	20	27	28	23	16	18	32	23	36	22	32	44	30	20	43	37	22	25	33	23	19	16	23	22	22	15	27
Searcy	Maximum	59	53	50	46	34	35	41	44	35	44	45	49	53	50	50	64	56	56	68	75	70	37	46	47	41	45	45	45	51	56	54
	Minimum	23	22	20	28	20	29	34	32	23	22	35	30	40	30	33	45	32	29	33	45	30	28	32	32	25	25	35	30	25	25	30
Stuttgart	Maximum	61	50	49	44	33	40	42	41	36	40	42	47	54	49	49	62	56	59	69	75	68	56	46	46	41	41	45	44	51	60	58
	Minimum	28	23	22	28	20	27	39	34	27	25	35	38	28	35	32	42	35	30	41	54	32	31	39	33	27	31	39	34	26	28	31
Subiaco	Maximum	51	50	50	45	33	34	40	36	33	37	39	45	51	49	48	62	60	58	72	74	68	38	44	43	45	25	46	52	57	64	59
	Minimum	21	28	21	27	22	26	33	30	22	22	32	35	40	28	33	39	40	32	34	51	31	31	35	31	24	23	30	28	25	28	30
Texarkana	Maximum	47	55	57	51	45	41	41	45	40	40	43	49	50	58	53	67	71	72	73	77	72	40	48	46	50	45	35	35	39	30	29
	Minimum	31	24	27	35	30	30	33	25	25	27	35	40	38	48	41	36	36	40	50	67	65	39	41	40	35	40	43	44	48	59	....
Umphers	Maximum	54	41	45	44	33	45	35	35	35	34	32	34	40	49	54	45	56	54	55	69	67	65	39	41	40	35	41	32	34	33	36
	Minimum	22	22	23	24	23	31	33	27	20	21	22	24	26	28	33	41	30	30	30	35	81	31	30	30	30	30	30	30	30	30	30
Warren	Maximum	67	52	54	50	37	44	44	43	37	40	42	47	48	55	52	63	62	69	72	75	73	40	51	47	44	42	43	43	50	62	63
	Minimum	31	23	25	33	26	28	42	37	30	26	35	33	41	31	38	48	38	37	45	57	37	33	40	36	29	32	40	38	29	31	45
Wynne §§	Maximum	31	40	46	31	33	37	41	35	31	41	44	48	50	52	51	58	58	45	53	50	69	46	45	69	34	35	34	47	40	50	59
	Minimum	27	24	19	20	18	20	32	34	25	22	25	31	31	29	31	38	33	30	33	28	33	29	35	45	25	25	25	26	28	26	30

§ Instruments are read inthe morning the maximum temperature then read is changed to the preceeding day, on which it most always occcurs.

Total Precipitation, Inches, January, 1920.



Based on 700 records.

L. C

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CLIMATOLOGICAL DATA

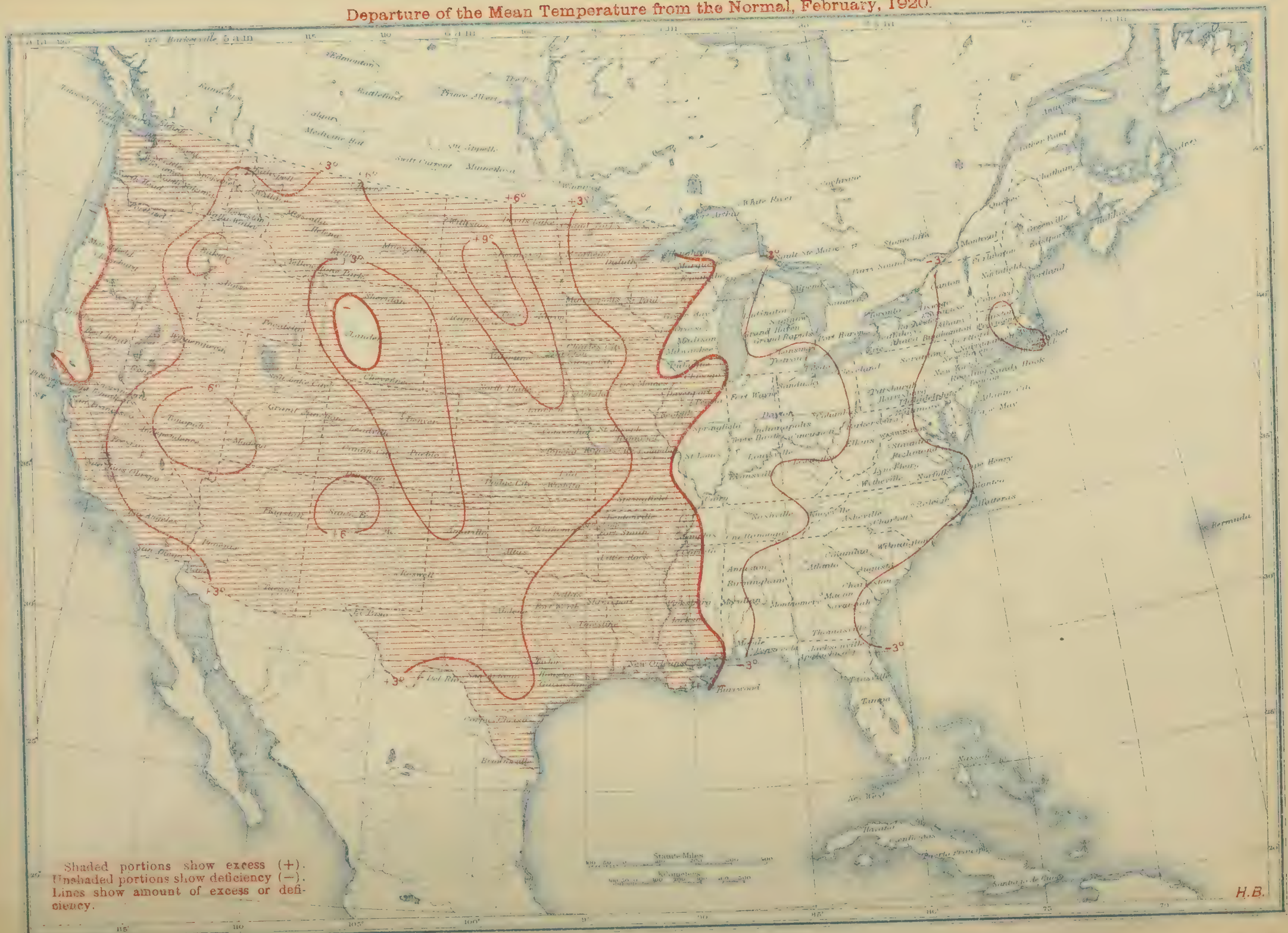
ARKANSAS SECTION

FEBRUARY 1920.

BY
HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
June 9, 1920.

Departure of the Mean Temperature from the Normal, February, 1920.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., FEBRUARY, 1920. No. 2.

GENERAL SUMMARY.

The temperatures throughout the month were generally mild, only a few comparatively low temperatures occurring locally in the northern mountaincus sections. All departures from the normal were positive. The extremes were not record-breaking but showed a large range. The precipitation averaged about one-third of the normal amount, all departures being negative. The lighter totals fell in the northern districts where much of it was snow; the heavier in the southern portion where very little snow fell. The daily amounts were light and scattered over the month. Clearing, lumbering, and marketing could be carried on most of the time but ploughing was retarded by frozen ground and some snow. At the close of the month winter grains were in good condition, fruit safe and spring work about normal. Soil conditions and dirt roads improved considerably throughout the month. T. G. S.

TEMPERATURE

The average February temperature for 54 stations in Arkansas was 45.0°. For 43 stations having a record of ten years or more the mean was 3.2° above normal. The highest monthly mean was 51.9° at Huttig, Union County; the lowest, 39.1° at Nail, Newton County. The highest temperature observed during the month was 79° at Prescott, Nevada County; the lowest, —2° at Dutton, Madison County. The greatest daily range was 50° at Calico Rock on the 17th. The highest temperatures generally occurred from the 19th to 21st and the lowest on the 16th.

PRECIPITATION

The average February precipitation for 70 stations in Arkansas was 1.26 inches. For 55 stations having a record of ten years or more the average was 2.15 inches below normal, The greatest total was 3.18 inches at Eldorndo, Union County; the least, 0.35 at Gravette, Benton County. The greatest amount for 24 consecutive hours was 2.00 inches at Marianna, Lee County, on the 10th. The average snow-fall for all stations was 1.0 inch, the totals ranging from 8.0 inches at Bergman and Dodd City to none at most of the southern stations. The rains were general on the 10th, 14th, and 28th, on which dates the major portion of the precipitation fell.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative Humidity 7 A. M.	7 P. M.	Percentage of sunshine
Bentonville..	30.12	30.50	29	29.70	12	3,962	28	s.	20	79	.....	47
Fort Smith...	30.13	30.54	29	29.74	12	5,562	29	n.	13	80	61	61
Little Rock..	30.12	30.53	27	29.71	12	6,048	31	n.	20	82	59	48

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms:— 16th, 1; 17th, 1; 28th, 1; 29th, 1.

Dense Fog: — 1st, 2; 4th, 2; 7th, 2; 8th, 1; 13th, 1; 17th, 2; 18th, 3; 21st, 1; 22d, 1; 23d, 4; 25th 1; 28th, 3.

Lunar Halos: — 1st, 2; 24th, 1.

Sleet:— 14th, 3; 15th, 1; 17th, 1; 28th, 3.

Aurora—Warren, 19th; Calico Rock, 20th.

COMPARATIVE DATA FOR ARKANSAS---- FEBRUARY.

Year.	Temperature. Monthly average	Departure	Highest.	Lowest	Precipitation. Monthly average.	Departure.	Number of Days. clear.	Partly cloudy	cloudy.	Precip .01 or more
1891.....	46.5	+3.2	80	6	2.92	−2.08	10	9	9	8
1892.....	49.0	+2.2	85	18	3.47	−0.87	11	9	9	7
1893.....	42.4	−4.4	74	2	4.05	−0.29	9	6	13	8
1894.....	40.5	−6.3	75	0	6.32	−1.98	8	7	13	8
1895.....	33.5	−13.3	78	−17	0.71	−3.63	10	7	11	4
1896.....	45.2	−1.8	79	11	3.30	−1.20	15	6	8	6
1897.....	46.6	+3.2	89	8	2.59	−1.91	10	7	11	4
1898.....	45.8	+1.6	83	7	2.08	−1.82	15	5	8	5
1899.....	31.8	−11.9	76	−25	2.18	−1.72	12	6	10	6
1900.....	39.7	−5.3	74	− 5	5.06	+1.03	9	7	12	8
1901.....	40.8	−2.2	79	10	2.18	−0.91	10	7	11	6
1902.....	35.0	−6.4	72	− 2	2.60	−0.53	9	8	11	5
1903.....	41.0	−0.4	79	−12	7.63	+4.16	10	6	12	10
1904.....	44.9	+2.9	86	10	2.47	−1.38	12	8	9	5
1905.....	32.3	−9.4	82	−29	2.55	−1.01	9	6	13	7
1906.....	41.8	+0.1	75	− 7	2.21	−1.62	15	5	8	6
1907	44.9	+4.0	83	4	2.77	−0.89	12	6	10	6
1908.....	44.2	+3.0	78	0	5.26	+1.35	12	5	12	9
1909.....	47.3	+6.5	82	5	5.41	+1.86	13	6	9	8
1910.....	39.0	−2.2	75	−13	3.66	−0.01	11	6	11	7
1911.....	49.8	+8.6	87	7	4.31	+0.65	9	8	11	9
1912.....	37.9	−3.3	78	− 7	2.80	−0.71	12	8	9	6
1913.....	41.0	−0.7	82	5	3.74	+0.09	11	6	11	8
1914.....	40.4	−1.1	79	− 2	4.23	+0.57	11	7	10	7
1915.....	45.9	+4.3	76	11	4.47	+0.97	11	5	12	8
1916.....	43.4	+1.8	82	6	1.78	−1.80	14	4	11	5
1917.....	43.4	+1.7	89	− 4	1.93	−1.74	15	5	8	4
1918.....	44.4	+5.1	93	4	1.17	−2.43	12	6	10	4
1919.....	44.1	+2.1	80	−10	3.34	−0.25	13	4	11	8
1920.....	45.0	+3.2	79	− 2	1.26	−2.15	11	8	10	5

Climatological Data for February , 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	cloudy.		
Amity	Clark	250	27	46.0°	+ 3.2	73[e]	19	17[a]	6	42[b]	1.82	−2.12	1.02	0.5	5	5[a]	12[a]	11[a]	n.	J.W. Campbell
Arkadelphia	do	250	24	.....	.....	.....	.....	.....	.....	.....	1.35	−2.75	0.96	0	3	16	0	13	.....	F.J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	2.63	−2.11	0.78	0	7	10	7	11	n.	Geo. E. Payne.
Batesville	Independence	277	21	41.0	+ 1.1	70	3	10	16†	42	0.87	−3.08	0.39	T.	4	6	1	22	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	28	44.9	+ 3.5	69	19	10	16	37	0.85	−2.37	0.45	0	3	9	8	12	.....	J. E. Scanlan.
Bentonville	Benton	1303	14	39.6	+ 1.1	68	19	9	16	33	0.06	−1.86	0.28	2.9	7	11	6	12	nw.	U. S. Weather Bureau
Bergman	Boone	1324	23	41.8	+ 6.0	77	2	5	16	46	0.74	−2.20	0.58	8.0	2	13	8	8	nw.	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	1.52	−2.11	0.65	1.2	5	9	3	17	n.	S. J. Howe.
Booneville	Logan	.....	6	47.5	.....	75	21	11	16	39	0.86	.....	0.36	0.5	7	10	11	8	w.	Supt. Tuberculosis Sa
Brinkley	Monroe	226	38	15.7	+ 3.4	73	9.	14	16	32	2.13	−2.01	0.68	0	6	12	8	9	n.	H. L. D.Whitson.
Calico Rock	Izard	361	16	41.2	.....	70	9†	9	16†	50	0.80	−1.84	0.47	8.0	3	9	5	15	n.	J. M. Richardson
Camden	Ouachita	158	34	48.0	+ 1.4	74	20	21	16†	37	2.03	−2.14	0.60	0.0	7	10	2	17	n.	A.B.Quarterman
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M.Huddleston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	1.94	−2.27	0.86	0.0	5	8	4	17	n.	Mrs. B. E. Bishop.
Conway	Faulkner	309	36	46.2	+ 3.7	73	9	14	16	39	1.11	−2.77	0.46	0.0	4	8	19	2	n.	E. E. Cordrey.
Corning	Clay	293	28	.....	.....	.....	.....	.....	.....	.....	0.85	−2.92	0.35	2.0	3	8	0	21	n.	J. N. Crutchfield.
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	1.04	.....	0.72	T	5	15	3	11	nw.	J. R. Avera.
Dardanelle	Yell	330	34	44.4	+ 1.6	72	21	14	16	41	0.57	−2.59	0.35	0.2	4	12	6	11	.....	F.H.Weser
Dodd City	Marion	1175	38	40.8	+ 2.5	67	20†	3	16	39	1.03	−2.20	0.40	8.0	5	8	17	4	w.	Neal Dodd.
Dumas	Desha	162	12	48.2	+ 3.3	74	19	20	16†	36	2.15	−1.76	0.55	T.	7	4	17	8	. . . .	Ben. Johnson.
Dutton	Madison	1590	18	40.2	+ 3.4	69	19†	−2	16	42	1.28	−1.92	0.45	1.3	6	11	12	6	nw.	J. M. Ricketts.
Eldorado	Union	265	16	50.4[b]	− 4.3	75[b]	20	20[b]	27	40	3.18	−0.96	1.00	0.0	6	6[c]	14[c]	6[c]	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Chenault.
Eureka Springs	Carroll	1465	18	41.4	+ 2.4	70	19	7	16	38	1.74	−1.21	0.89	2.0	4	10	11	8	nw.	George W. Nichoalds
Fayetteville	Washington	1451	34	41.6	+ 4.6	79	19	16	16	45	1.21	−1.31	0.62	2.5	6	10	9	10	nw.	University of Arkans
Fort Smith	Sebastian	481	38	44.2	+ 2.4	71	19	13	16	33	0.74	−2.00	0.37	0.5	6	10	8	11	nw.	U. S. Weather Bure
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	2.00	−1.08	0.61	0.0	5	13	4	12	n.	T. J Logan.
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	1.34	.....	0.58	0.0	5	8	2	19	w.	Charles Hilburn.
Gillett	Arkansas	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. H. France
Grannis	Polk	921	2	45.3	.....	73	21	15	16	43	1.96	.....	0.10	T.	8	15	5	9	se.	Dr. F. C. Mullins
Gravette	Benton	1250	22	40.6	+ 3.9	69	19	2	16	45	0.35	−1.72	0.16	1.0	3	8	9	12	nw.	A. F. Stevens.
Hardy	Sharp	643	23	.....	.....	.....	.....	.....	.....	.....	2.07	−2.83	0.67	T.	9	12	0	17	n.	C.A. Caywood.
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	0.47	.....	0.47	T.	1	10	7	12	.....	T. J. Mitchell.
Hidgen	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Chas. Smothers.
Hope	Hempstead	377	48	50.3[b]	+ 3.1	74[c]	21	21[g]	16	35[g]	2.12	−2.00	0.78	0.0	5	14[f]	3[f]	6[f]	.....	N. P. O'Neal.
Hot Springs	Garland	600	28	49.8	+ 3.7	78	7.	15	16	42	1.30	−2.57	0.72	0.0	5	14	10	5	n.	A. & N. Gen. Hosp
Huttig	Union	.....	51.9	51.9[a]	+ 2.4	76	20	24[a]	16†	44[a]	1.59	−1.89	0.46	0.0	8	14	11	4	.....	C. A Berry.
Jelks‡‡	Woodruff	196	4	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.42	0.0	2	12[a]	0[a]	16[a]	n.	W. E. Baker.
Jonesboro	Craighead	345	25	43.6	+ 3.2	72	20	11	27	40	1.75	−2.53	0.85	2.0	7	21	3	5	n.	Benedictine Sisters.
Junction‡‡	Union	182	27	50.6	+ 4.7	78	20	22	27	40	2.24	−1.24	0.56	0.0	6	12	8	9	ne.	J. A. Lowderback.
Lewisville	Lafayette	262	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. H. Dismukes.
Little Rock	Pulaski	286	41	46.2	+ 2.1	70	20	17	16	28	1.16	−3.18	0.59	T.	5	8	12	9	n.	U. S. Weather Bure
Lutherville ††	Johnson	775	23	44.7	+ 4.2	71	19	11	16	33	0.69	−2.56	0.33	T.	5	15	4	10	nw.	H. Kauffeld.
Magnolia	Columbia	315	2	50.2[e]	.....	73[b]	18†	22[c]	15	34[a]	2.05	.....	0.76	0.0	7	16[b]	4[b]	7[b]	n.	State Agriculture Sc
Malvern	Hot Spring	277	37	46.6	+ 2.6	71	21	16	16	37	1.70	−1.98	1.10	T.	4	6	4	19	ne.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	15	42.0	+ 4.3	70	8	13	16	41	0.65	−2.76	0.35	6.0	2	19	3	7	nw.	W. S. Vincent.
Marianna	Lee	235	9	42.9	+ 0.4	71	16	18[c]	15	33	2.30	.....	2.00	T.	3	8	9	12	sw.	Mrs. Mary Spaine.
Marked Tree	Poinsett	229	5	40.6	.....	74	16	16	14	35	1.94	−2.07	0.60	T.	7	9	15	5	s.	Charles Walton
Marshall	Searcy	1083	5	43.6	.....	69	21	12	16	34	1.14	.....	0.46	5.5	5	8	17	4	nw.	W. F. Reeves.
Mena	Polk	1284	32	45.4	+ 2.2	73	21	13	16	34	2.22	−1.18	1.07	T.	8	10	7	12	s.	V. W. St.John.
Morrilton	Conway	347	2	43.6	.....	70	19†	15	16	32	0.50	.....	0.50	0.0	1	8	11	10	w.	J. W. Dilbeck.
Mountain Home	Baxter	800	6	42.0	.....	71	20	8	16	41	0.53	.....	0.35	6.0	2	11	3	15	n.	B. S. Halbert.
Mount Ida	Montgomery	730	19	46.4	.....	75	21	11	16	42	1.50	−3.17	0.80	0.0	4	9	11	9	w.	G. A. Whittington.
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	1.45	.....	0.97	0.0	2	23	3	3	e.	Henry A. Davis.
Nail	Newton	2233	27	39.1	+ 3.3	64	3†	5	16	39	0.37	−2.61	0.15	7.0	3	10	10	9	s.	Charles Paxton.
Newport	Jackson	231	36	43.4	+ 3.0	74	9	14	16	37	1.12	−2.82	0.51	T.	3	17	5	7	nw.	George L. Robinso
Okay	Pope	1700	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Servic
Osceola	Mississippi	240	20	45.4	+ 3.4	72	9†	10	27	43	1.70	−2.43	0.65	0.0	4	13	2	14	.....	Atwood P. Smith.
Ozark	Franklin	377	24	44.0	+ 2.8	69	4	13	16	43	0.81	−1.88	0.37	T.	4	0	13	16	nw.	Isham Burrow
Pine Bluff	Jefferson	215	36	46.0	+ 1.2	73	19	19	15	29	1.76	−2.51	0.74	0.0	6	10	2	17	nw.	Roy H. Hammond
Pocahontas	Randolph	300	28	43.3	+ 5.3	71	20	9	16	36	0.95	−2.61	0.30	3.0	5	9	14	6	.....	Benedictine Sister
Portland	Ashley	122	14	49.9	+ 2.9	76	20	24	16†	37	2.74	−1.85	0.80	T.	5	14	10	5	nw.	W. E. Edmiston.
Prescott	Nevada	327	38	49.8	+ 4.7	79	4	20	16	36	1.66	−1.85	0.57	0.0	5	13	1	15	n.	Irvin A. Blakely.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	1.61	−2.40	0.65	0.0	4	13	8	8	ne.	Foote Coleman.
Rison	Cleveland	243	18	46.6	+ 3.4	74	20	18	26	31	1.47	−1.49	0.50	0.0	4	12[c]	12[c]	2[c]	nw.	Geo. H. Tisdale.
Rogers	Benton	1385	29	41.2	+ 3.5	70	19	5	16	40	1.20	−0.80	0.55	2.2	5	9	6	14	n.	Carl A. Starck.
Searcy	White	236	7	46.0	.....	73	9	13	16	38	1.09	.....	0.52	0.0	4	13	5	11	nw.	Miss Sarah Cypert
Sheridan	Grant	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Elsie. Glover
Springbank ††	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	1.68	−1.90	0.50	0.0	7	15	0	14	n.	G. Field.
Stuttgart	Arkansas	228	32	46.3	+ 2.7	71	9	18	16	30	1.71	−2.40	0.88	T.	9	12	15	2	n.	H. A. Buerkle.
Subiaco	Logan	1050	23	46.5	+ 5.3	74	21	11	16	37	0.86	−2.09	0.35	0.5	6	15	7	7	w.	
Texarkana	Miller	332	35	51.4	+ 4.4	75	19†	23	16	37	1.47	−1.48	0.50	0.0	5	14	4	11	n.	New Subiaco Abb
Umpher ‡‡	Yell	4	3	42.7	.....	68[c]	20†	12[b]	16	47[b]	2.51	.....	2.00	0.5	6	14[a]	8[a]	6[a]	n.	H. S. Brashear.
Waldron	Scott	675	22	.....	[a]	.....	.....	.....	.....	.....	1.21	.....	0.73	1.6	5	11	11	7	nw.	U. S. Forest Servi
Warren	Bradley	206	5	44.2	+ 4.4	74	20	20	16	35	1.92	−2.64	0.62	0.0	5	11	11	7	sw.	J. L. Kegg.
Whiteciffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	0.40	−3.09	0.40	0.0	7	11	11	11	nw.	Ruth M.Schirme
Wynne	Cross	250	12	44.4	− 3.4	72	21†	15	16	38	1.42	−2.26	0.70	T.	1	7	13	11	n.	E. O. Allen.
State Means and Extremes				45.0	+ 3.2	79	4	−2	16	50	1.26	−2.13	2.00	1.0	3	12	4	13		

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete
ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],appe
in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post office addresses of these stations as follows:- Jun
Randolph La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark. Jelks, Patterson Ark.

Daily Precipitation for February, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita										1.02	.08					.05		.39											.28				1.82
Arkadelphia	do										.90		.25		.20															.78				1.35
Arkansas City	Mississippi			.58							.27	T.	.48	.03	.42						T.		T.	.07		T.								2.63
Batesville	White			T.	T.						.39				.14				T.			.02		T.		T.	T			32				0.87
Bee Branch	Arkansas			T.					T.	.45					.10													.30					0.85
Bentonville ***	do		.02	.01					.03					.28		.03						T.	.01		T.	T.	T.		.28					0.66
Bergman	White														.16														.58					0.74
Black Rock	do										.65				.15							T.	.10	.05	T.					.57				1.52
Booneville	Arkansas			T.					.36	.13	.03		T.		.12	.09		.02											.11					0.86
Brinkley	White			.16						.68					.41							.06	.18						.64					2.13
Calico Rock	do						T.			.19					.14							T.								.47				0 80
Camden	Ouachita									.50	.06	.60			.13				.20										.04	.50				2.03
Centerpoint	Red																																	
Clarendon	White			.29						.86					.19				.07											.53				1.94
Conway	Arkansas									.46	.03				.21														.41					1.11
Corning	White									.30					T.								.35	T.					.20					0.85
Danville	Arkansas									.72	.04				.06		.01												T.	.21				1.94
Dardanelle	do										.02				.18	.02														.35				0.57
Dodd City	White			.10		.20				.03					T.	.30													.40					1.03
Dumas	Arkansas		T.	.45							.48	T.	.55		.15	T	.04	.10				T.				T.			.38	T.				2.15
Dutton	White		.12							.13				.08	.42	.08													.45					1.28
Eldorado	Ouachita			.90									1.00		.28			.10						.20		T.			.70					3.18
England	Arkansas																																	
Eureka Springs	White			.89						.10					.37														.38					1.74
Fayetteville	do			.62	T.					04	T			.04	.21	.02													.28					1.21
Fort Smith ***	Arkansas		.18	T.						.34	.06			.03		.05		T.						T.					.08					0.74
Fulton	Red										.41	T.	.61		.05				.47											.46				2.00
Georgetown	White			.03							.30				.21								.27							.58				1.34
Gillett	Arkansas																																	
Grannis	Red		.04						.02	1.10		.04			.19	.01		.20											.36					1 96
Gravette	White					T.			.03					T.	.16	T	T.					T.	T.				T.	T.		.16	T.				0.35
Hardy	do																																	
Helena	Mississippi			.16						.84	.02	.12		.14	.06		T.	.04				.02					T.	T.	T.		.67			2.07
Higden	White									.47																			T.					0.47
Hope	Red									78		.52		.06				.46											.30					2.12
Hot Springs	Ouachita								.72	.10				.15				.03											.30					1.30
Huttig	do			.21					.24	10	.46		.20					.05						.05					.28					1.59
Jonesboro	White								.85	.05					.22			T.											.30	.03				1.75
Junction	Ouachita									.22			.19		.28							.51	.51	.56					.52					2.24
Lewisville	Red												19																					
Little Rock	Arkansas		T.						.38	.24			T.	.17	.01		T.					T.		T.					.36					1.16
Lutherville	do									.33	.06			.07	.03														.20					0.69
Magnolia	Red								.27		.70		.19				.22						.43	.05			.19							2.05
Malvern	Ouachita									1.10	T.	.10		.30	T.				.20																1.70
Mammoth Spring	White													T.								T.	.30						.35	T.				0.65
Marianna	Mississippi									2.00					.12			T.											.18	T.				2.30
Marked Tree	St. Francis	.13						.43				.22								.19	T.					.22			.15					1.94
Marshall	White					T.		T.	.28	.04					.46						T.						.08		.33					1.14
Mena	Ouachita		T.	T			.03		.23	.62	T.		T.	1.07	.03		.02								.02				.20					2.22
Morrilton	Arkansas														T.														.50					0.50
Mountain Home	White								.18																				.35					0.53
Mount Ida	Ouachita									.80	.05				.50														.15					1.50
Murfreesboro	do									.97																								1.45
Nail	White		T.						.15		T.		T.	.10							T.								.12					0.37
Newport	do									.41				.20																.51				1.12
Okay	Arkansas																																	
Osceola	Mississippi								T.	.65								T.				T.	.55	T.					.45	.05				1.70
Ozark	Arkansas				.09			.37	.22							T.													.13					0.81
Patterson	Cache									.42					.20																			0.62
Pine Bluff	Arkansas			.05						.74		.38			.16				.08										.35					1.76
Pocahontas	White								.20	.20					.15							.10							.30					0.95
Portland	Ouachita			.80						.37		.39			.58														.60	T.				2 74
Prescott	do									.57		.50			.05				.22											.32					1.66
Princeton	Ouachita									.65		.43							.28											.25					1.61
Rison	do								.50		.45							.20											.32					1.47
Rogers	Arkansas		T.	.55					.12					.08	.11	T.													.34					1.20
Searcy	White									.32					.19									T.					.52	.06				1.09
Sheridan	Ouachita																																	
Springbank	Red									.29	.16	.50		.15				.18						T.	.06					.34				1.68
Stuttgart	Arkansas			.14						.88	.03	.05		.18			.02	.01							.02				.38					1.71
Subiaco	do								.35	.08	.04			.15	.03														.21					0.86
Texarkana	Red									.40		.50		.16				.25											.22					1.47
Umphers	Arkansas								T	2.00	.06			.06	.16			.08											.20					2.51
Waldon	do								.73	.04			.08		.16														.20					1.21
Warren	Ouachita			.14						.32	T.	.57		.17				.07						T.					.62	.03				1.92
Whiteclffs	Red											.40							T.															0.40
Wynne	St. Francis			T.						.52				T.								T.	.20		T.					.70				1.42

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation.
** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch

Daily River Stages for February, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.4	7.1	6.5	6.6	6.5	6.5	6.4	6.4	6.5	6.5	6.5	6.5	1.4	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.2	5.0	4.9	4.8	4.8	4.7	4.7	4.6		
Dardanelle	do	20	6.5	6.0	5.6	5.3	5.0	4.8	4.6	4.5	4.4	4.1	4.5	4.5	4.4	4.8	5.1	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.0	2.8	2.7	2.5	2.3	2.2	1.9	1.7	
Little Rock	do	23	10.0	8.5	7.9	6.6	6.1	5.6	5.2	4.9	4.6	4.6	4.6	4.8	4.8	5.1	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.0	2.8	2.7	2.5	2.3	2.2	1.9	1.7		
Pine Bluff	do	25	15.4	13.4	12.7	11.8	10.2	9.9	9.5	8.9	8.7	8.6	8.7	8.4	8.5	8.7	8.6	8.5	8.2	7.9	7.8	7.7	7.6	7.4	7.3	7.1	6.9	6.8	6.8	6.5	6.3		
Black Rock	Black	14	15.4	14.9	14.1	13.5	13.0	12.6	11.5	10.5	10.0	9.6	9.0	8.8	8.6	7.6	7.0	6.5	6.4	6.4	6.0	5.6	5.2	5.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8		
Calico Rock	White	18	5.5	4.9	4.5	4.5	4.2	4.0	3.8	3.7	3.5	3.0	3.1	2.6	2.6	2.4	2.7	2.4	2.1	1.8	1.8	2.0	1.9	1.7	1.6	1.7	1.3	1.6	1.5	1.5	1.5		
Batesville	do	23	12.3	11.7	11.0	10.5	10.2	10.1	10.0	9.8	9.7	9.6	9.0	8.9	8.6	8.5	8.6	8.6	8.4	7.9	7.9	7.9	8.0	7.8	7.6	7.6	7.3	7.2	7.4	7.2	7.2		
Newport	do	26	21.6	21.4	19.1	18.2	17.1	15.5	14.2	12.3	10.5	9.6	9.3	9.1	9.0	8.9	8.6	8.2	7.9	7.8	7.4	7.1	6.8	6.3	5.9	5.8	5.6	5.4	5.2	5.1	4.9		
Georgetown	do	22	22.8	22.7	22.5	22.2	21.9	21.5	21.1	20.7	20.3	19.9	19.4	18.7	17.9	17.5	16.2	15.2	14.1	13.3	12.3	11.3	10.4	9.6	9.2	8.9	8.4	7.8	7.3	6.9	6.7		
Clarendon	do	30	28.0	28.2	28.2	28.2	28.1	28.0	27.9	27.6	27.5	27.2	26.9	26.6	26.3	25.9	25.5	25.1	24.7	24.2	23.7	23.0	22.4	21.8	21.1	20.3	19.7	18.9	18.2	17.7			
Helena	Mississippi	42	36.1	36.7	37.3	37.8	38.4	38.8	39.0	39.2	38.8	37.9	36.5	34.4	32.3	30.4	28.8	27.2	25.9	24.7	23.7	22.8	21.8	20.8	19.9	19.2	18.8	18.9	19.8	21.5	23.4		
Arkansas City	do	42	40.2	40.7	41.1	41.5	41.9	42.2	42.5	42.7	43.0	43.2	43.2	42.8	42.0	41.0	39.7	38.5	37.2	35.7	34.3	32.9	31.6	30.4	29.2	28.0	26.9	25.8	25.6	25.6	26.6		
Camden	Ouachita	49	30.7	27.2	25.1	22.2	20.0	18.0	15.6	15.5	14.6	14.0	13.1	12.3	15.9	16.5	17.4	17.8	15.7	14.8	13.6	11.9	11.8	11.3	10.5	10.0	9.3	9.6	9.0	8.9	8.8		

* Below Zero

Daily Temperatures for February, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	....	....	Mean
Amity §§	Maximum..	65	67	70	60	65	63	67	66	65	57	60	58	64	48	53	42	45	65	73	67	67	53	57	42	41	38	54	45	....	....	....	57.8
	Minimum..	....	28	38	45	44	45	31	29	40	43	41	41	29	30	23	17	20	31	31	41	63	46	41	40	26	27	20	20	25	....	....	34.1
Batesville §§.....	Maximum..	50	67	77	55	51	51	59	59	69	57	55	52	61	37	36	39	52	58	63	68	68	53	49	45	41	36	46	49	34	....	....	52.8
	Minimum..	24	30	35	43	32	37	31	26	28	37	24	38	26	28	19	10	10	30	32	31	32	50	42	35	31	26	12	13	22	....	....	29.1
Bee Branch	Maximum..	56	68	67	67	55	53	60	61	68	59	58	57	63	58	39	37	51	59	69	68	67	65	65	52	52	46	50	49	38	....	....	57.1
	Minimum..	28	35	44	45	37	44	29	29	43	34	40	35	28	23	21	10	22	31	48	38	57	43	40	32	28	22	13	29	20	....	....	32.7
Bentonville.....	Maximum..	64	65	63	46	50	44	55	62	56	53	54	50	52	32	28	36	55	54	68	65	64	52	43	40	41	29	49	41	31	....	....	49.7
	Minimum .	31	41	41	38	44	34	33	34	37	29	35	25	27	19	12	9	31	34	35	47	38	36	22	26	22	16	16	24	17	....	....	29.4
Bergman	Maximum..	55	77	69	58	56	54	57	60	61	56	55	52	57	48	38	42	60	55	69	69	67	65	55	45	39	35	53	43	38	....	....	54.8
	Minimum..	25	31	39	40	38	38	30	28	40	28	36	24	30	16	14	5	25	32	38	39	53	36	34	25	23	17	12	26	11	....	....	28.7
Booneville	Maximum..	50	70	72	61	60	66	65	68	70	56	56	62	64	51	40	40	58	58	71	69	75	58	54	48	51	42	56	51	46	....	....	58.2
	Minimum..	30	41	61	41	42	48	37	39	44	39	40	38	36	27	24	11	31	40	42	56	56	41	42	36	27	25	17	33	22	....	....	36.8
Brinkley	Maximum..	59	67	76	61	50	50	59	65	73	73	55	52	61	55	44	39	46	61	68	71	66	65	55	46	49	41	39	49	40	....	....	56.2
	Minimum..	30	39	49	41	36	39	33	33	48	41	44	40	31	29	22	14	26	39	41	43	49	50	42	36	26	27	17	32	24	....	....	35.2
Calico Rock §§ ...	Maximum..	59	67	69	55	56	49	58	60	70	59	56	52	62	35	34	43	59	59	68	70	68	54	46	47	41	36	49	45	33	....	....	53.2
	Minimum..	25	30	30	39	36	37	35	30	29	34	35	33	28	24	20	9	9	31	32	36	40	46	45	33	33	24	11	14	18	....	....	29.1
Camden	Maximum..	65	61	67	70	67	60	62	67	69	69	53	60	55	63	51	54	44	48	63	74	73	71	68	54	51	49	48	55	51	....	....	60.1
	Minimum..	34	34	40	41	40	42	34	31	32	42	39	41	34	36	25	21	34	35	44	55	51	49	41	29	29	23	31	30	....	....	....	35.8
Conway	Maximum..	52	70	69	59	57	54	63	66	73	60	59	55	65	55	42	41	53	62	72	72	72	67	57	47	47	42	58	46	39	....	....	57.6
	Minimum..	31	35	39	44	37	44	32	30	47	42	42	42	30	29	23	14	27	33	33	42	61	48	42	37	25	27	17	34	24	....	....	34.9
Dardanelle	Maximum..	46	64	70	55	55	55	64	61	68	57	59	57	63	42	40	40	56	61	70	68	72	57	51	42	48	42	54	42	40	....	....	55.1
	Minimum..	29	34	38	44	45	45	37	32	43	40	40	42	33	31	24	14	15	33	33	36	40	45	45	39	28	26	19	25	25	....	....	33.8
Dodd City	Maximum..	50	63	66	64	52	53	53	61	64	53	56	52	57	49	30	38	61	58	64	67	67	67	49	40	40	40	49	48	33	....	....	53.2
	Minimum..	25	31	36	41	38	39	29	26	45	26	36	21	26	18	15	3	22	26	34	41	52	33	35	27	24	24	10	27	11	....	....	28.3
Dumas.....	Maximum..	64	66	67	62	54	57	60	68	70	64	64	55	60	55	48	39	52	62	74	69	70	68	58	64	47	42	49	45	44	....	....	58.5
	Minimum..	33	43	53	45	39	40	42	32	52	43	40	45	33	35	26	20	29	40	38	50	49	51	46	35	29	28	20	36	28	....	....	37.9
Dutton	Maximum..	62	66	67	55	52	50	56	59	56	53	54	50	58	40	32	34	52	54	69	68	69	68	50	42	39	35	46	41	32	....	....	52.0
	Minimum..	20	32	36	39	44	41	37	25	41	29	35	23	25	18	13	2	23	23	39	36	57	37	39	33	22	10	8	26	16	....	....	28.4
Eldorado	Maximum..	63	68	....	68	61	62	64	69	70	....	67	55	61	56	53	....	48	61	....	75	57	71	....	....	....	....	60	54	48	....	....	62.2
	Minimum..	34	38	....	44	38	43	37	36	55	....	41	44	37	57	25	....	21	41	....	38	60	53	....	....	....	....	20	41	29	....	....	38.7
Eureka Springs ..	Maximum..	64	66	67	53	52	49	58	66	57	57	54	52	55	37	29	39	58	55	70	61	66	51	50	41	40	35	51	44	34	....	....	52 1
	Minimum..	26	38	48	39	41	39	34	33	40	29	36	23	36	17	16	6	28	35	39	46	50	36	34	26	21	18	14	27	16	....	....	30.8
Fayetteville	Maximum..	66	67	65	52	50	52	57	61	57	52	55	52	55	42	31	37	57	54	70	66	66	55	51	41	41	38	48	46	33	....	....	52.3
	Minimum..	21	40	46	38	43	38	35	31	40	32	36	27	36	19	18	3	28	31	42	49	49	36	37	27	21	17	14	27	19	....	....	31.0
Fort Smith	Maximum..	53	62	68	52	56	52	62	63	56	55	55	54	56	40	36	38	58	58	71	69	70	53	52	44	44	38	55	43	38	....	....	53.5
	Minimum..	34	43	48	42	38	40	35	37	43	38	40	36	34	27	19	13	31	32	38	48	46	42	42	35	26	25	23	33	23	....	....	34.9
Grannis	Maximum..	63	65	70	65	64	57	64	63	60	55	54	55	60	45	51	40	43	60	71	66	73	65	56	50	45	44	52	45	38	....	....	56.5
	Minimum..	29	46	42	44	39	42	29	28	48	42	40	34	24	29	18	15	25	40	28	50	59	43	41	31	23	25	17	34	23	....	....	34.1
Gravette	Maximum..	69	65	64	48	49	58	66	62	56	63	55	52	52	37	30	47	48	57	69	66	63	52	47	42	42	38	50	47	35	....	....	52.6
	Minimum..	31	31	45	38	42	40	26	30	41	33	30	21	33	21	20	2	20	23	28	41	44	37	35	26	21	16	11	29	12	....	....	28 6
Hope	Maximum..	68	69	70	66	64	61	67	68	70	65	57	55	62	53	54	43	48	64	70	73	74	73	72	55	....	....	....	....	....	....	....	53.4
	Minimum..	....	....	....	....	....	41	32	40	50	42	40	42	42	35	26	21	36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	37.2
Hot Springs	Maximum..	66	71	76	66	64	65	78	67	66	65	66	59	63	58	55	45	45	64	75	67	68	70	57	53	55	48	59	46	45	....	....	61.2
	Minimum..	32	41	49	48	50	42	36	35	40	38	42	41	33	38	39	15	32	41	40	52	50	46	44	38	37	29	24	38	25	....	....	38.4
Huttig.....	Maximum..	67	64	62	64	62	60	64	65	64	62	....	72	69	68	64	53	66	64	74	76	75	72	68	66	64	62	61	61	58	....	....	65.2
	Minimum..	37	41	52	46	39	40	38	33	49	44	....	38	37	24	50	24	30	29	35	44	58	58	50	40	31	27	24	39	29	....	....	38.6
Jonesboro	Maximum..	49	70	56	56	52	60	56	59	70	62	57	50	63	53	42	35	50	58	70	72	65	63	61	49	45	36	45	35	37	....	....	54.3
	Minimum..	33	34	50	38	35	31	33	32	30	39	44	38	30	26	26	14	27	42	39	38	47	45	31	30	29	24	11	23	22	....	....	32.8
Junction.....	Maximum..	60	62	65	64	66	64	67	65	64	57	63	60	62	50	54	57	60	66	75	78	74	69	66	62	64	50	56	55	49	....	....	62.4
	Minimum..	34	38	41	42	46	45	46	44	43	38	42	46	47	45	24	23	28	33	35	48	55	50	48	35	33	24	22	37	30	....	....	38.7
Little Rock.....	Maximum..	56	64	67	56	51	54	61	62	68	54	55	54	61	44	39	40	46	59	68	70	70	52	54	44	45	38	49	48	36	....	....	54.0
	Minimum..	33	43	49	45	36	45	40	39	48	43	44	42	35	30	24	17	30	43	40	50	62	48	43	35	31	29	25	35	24	....	....	38.3
Lutherville.....	Maximum..	50	65	69	64	54	54	61	58	59	57	55	55	61	54	37	37	52	59	71	64	69	69	54	46	47	40	52	48	39	....	....	55.4
	Minimum..	28	42	48	44	45	47	32	30	47	30	40	35	32	25	23	11	26	28	38	48	52	44	41	32	27	22	15	32	21	....	....	34.0
Magnolia	Maximum..	58	65	69	65	61	62	68	69	50	58	54	61	60	52	49	61	73	73	72	60	51	46	54	55	50	....	....	....	....	....	....	60.5
	Minimum..	35	42	50	45	40	46	34	....	44	43	43	36	38	27	22	33	41	39	49	61	49	50	40	23	25	45	29	....	....	....	....	39.8
Malvern §§.....	Maximum..	56	65	68	61	59	58	64	68	69	64	60	52	58	50	42	40	44	60	70	68	71	69	55	48	45	40	48	44	40	....	....	56.4
	Minimum..	35	39	43	45	43	46	32	31	45	44	43	45	34	36	25	16	28	39	38	49	50	43	42	40	27	29	20	37	26	....	....	36.9
Mammoth Spring.	Maximum..	57	69	67	61	53	52	54	58	67	56	56	55	60	53	32	36	60	55	62	70	67	65	48	43	39	38	45	45	34	....	....	53.7
	Minimum..	29	28	56	46	30	43	36	25	45	23	37	27	23	20	19	8	22	27	36	35	55	44	40	30	29	24	12	25	14	....	....	30.3
Marianna §§.....	Maximum..	65	65	55	47	50	57	61	69	57	58	50	60	43	42	36	43	60	66	71	63	52	54	44	45	39	45	46	35	35	....	....	52.2
	Minimum..	38	43	42	37	37	35	35	42	41	42	41	31	32	23	16	17	27	33	43	48	51	43	37	25	20	18	23	24	21	....	....	33.6
Marked Tree §§...	Maximum.	61	53	54	47	54	57	71	56	52	52	67	49	35	37	47	57	68	74	53	43	40	48	48	31	34	45	35	34	34	....	....	49 5
	Minimum..	37	40	36	31	41	32	40	42	40	40	33	31	27	16	17	35	39	39	41	45	29	27	27	24	20	20	29	21	21	....	....	31.7
Marshall	Maximum..	57	65	64	62	56	53	61	60	65	52	57	61	60	52	36	36	50	58	66	66	69	65	53	41	39	28	50	42	29	....	....	53.7
	Minimum..	27	45	41	25	40	43	34	32	45	35	41	30	38	22	20	12	22	35	43	49	54	42	40	30	28	21	16	29	16	....	....	33.0
Mena	Maximum..	64	65	68	58	63	57	62	63	57	56	54	55	61	48	46	41	42	60	72	65	73	65	58	47	44	39	52	47	36	....	....	55.7
	Minimum..	38	30	44	42	42	46	35	32	38	41	40	36	29	27	21	13	22	39	38	52	61	42	42	35	27	25	31	34	21	....	....	35.1
Morrilton	Maximum..	48	60	56	58	53	54	57	36	51	44	55	54	62	42	40	35	38	55	70	66	70	63	51	49	44	40	52	54	37	....	....	51.2
	Minimum..	31	36	44	48	41	47	33	33	36	35	42	34	31	29	26	15	28	32	38	62	63	46	45	36	32	25	20	34	23	....	....	36.0
Mountain Home..	Maximum..	48	63	68	61	55	52	57	67	58	57	58	53	60	47	31	40	61	58	66	71	69	65	50	44	41	37	51	44	33	....	....	54.0
	Minimum..	27	31	43	40	36	44	31	26	28	31	39	25	26	21	20	8	24	36	34	38	55	42	38	28	28	22	10	27	14	....	....	29.9
Mount Ida.....	Maximum..	57	67	69	62	67	61	66	66	67	58	59	57	63	53	49	43	66	63	70	68	75	70	57	49	48	43	54	45	41	....	....	59.5
	Minimum..	29	31	39	45	43	47	27	25	56	42	40	41	34	20	19	11	25	37	28	41	63	45	39	38	23	25	14	26	24	....	....	33.3
Nail.....	Maximum..	49	61	63	57	50	48	54	56	54	52	51	48	57	40	23	32	51	51	64	53	61	61	48	37	37	32	42	40	27	....	....	48.3
	Minimum..	36	42	45	41	40	39	34	37	43	30	34	36	34	17	15	5	12	34	40	39	40	37	34	24	21	10	12	24	13	....	....	29.9
Newport.....	Maximum..	51	70	69	54	49	50	56	60	74	58	55	53	64	42	38	37	55	62	64	73	62	50	50	47	44	39	47	48	....	....	....	54.3
	Minimum..	34	35	38	42	36	36	34	39	46	40	40	40	33	29	23	14	15	35	31	37	42	49	45	34	29	21	16	21	23	....	....	32.2
Osceola	Maximum..	61	71	66	56	51	55	61	56	72	67	58	52	61	54	65	57	51	57	62	72	64	62	57	44	39	40	43	51	44	....	....	56.
	Minimum..	29	37	49	38	35	39	29	35	46	40	48	35	32	27	25	14	27	42	39	40	59	46	40	33	28	15	16	23	24	....	....	33.
Ozark	Maximum..	43	59	65	69	58	57	59	56	54	53	57	57	56	56	45	31	60	64	59	63	64	53	52	40	39	51	50	52	54	....	....	54.
	Minimum..	33	45	47	44	45	33	34	49	34	42	42	34	30	28	23	13	22	21	30	56	44	41	32	30	25	20	23	25	29	....	....	33.
Pine Bluff	Maximum..	60	66	57	59	55	60	64	71	54	57	50	58	44	42	45	49	60	71	73	70	59	55	46	45	40	51	49	41	41	....	....	55.
	Minimum..	39	59	45	38	37	38	39	44	45	44	44	37	37	28	19	33	33	42	44	47	49	47	49	29	30	23	23	29	23	....	....	37.
Pocahontas.....	Maximum..	52	70	65	63	51	49	54	60	70	60	57	54	63	57	32	36	56	59	62	71	67	64	47	44	40	40	44	49	35	....	....	54.
	Minimum..	32	34	50	39	34	42	39	28	46	33	42	31	27	25	21	9	27	32	38	36	38	45	40	32	27	24	13	32	20	....	....	32.
Portland	Maximum..	60	67	67	63	56	60	61	69	73	65	60	54	61	55	52	50	55	61	74	76	71	69	65	54	48	45	51	49	45	....	....	60.
	Minimum..	41	58	52	47	40	40	40	32	36	46	46	44	34	38	27	24	29	40	33	40	38	48	58	64	53	40	33	31	24	38	30	....	....	39.
Prescott.....	Maximum..	56	64	71	79	62	62	68	69	71	67	60	55	63	55	59	45	47	64	75	70	72	61	69	55	47	46	55	47	43	....	....	60.
	Minimum..	32	41	51	47	42	47	35	33	55	42	40	43	31	35	27	20	29	42	40	49	61	48	49	40	32	30	23	43	27	....	....	39.
Rison	Maximum..	60	61	68	63	54	61	65	65	60	54	60	60	66	45	50	45	51	70	70	74	69	60	55	41	41	45	54	44	40	....	....	56.
	Minimum..	36	52	45	36	42	35	34	50	40	39	40	36	35	25	19	28	42	40	45	61	49	45	35	25	25	18	36	27	19	....	....	36.
Rogers	Maximum..	60	65	62	54	51	48	57	62	58	58	54	51	55	37	29	38	59	54	70	67	66	53	50	42	43	36	52	45	33	....	....	52
	Minimum..	26	29	47	38	43	40	30	28	40	28	36	24	29	19	17	5	23	32	39	46	49	43	35	27	22	16	13	28	16	....	....	30
Searcy.....	Maximum..	71	68	69	62	53	55	60	63	73	63	57	55	61	55	42	37	47	62	64	70	68	65	55	47	47	41	47	47	39	....	....	56
	Minimum..	33	36	56	43	36	43	31	31	45	40	44	40	29	29	21	13	26	39	37	35	65	51	39	35	30	27	17	31	24	....	....	35
Stuttgart.....	Maximum..	56	68	67	59	52	56	58	63	71	66	58	55	59	55	41	37	47	60	67	71	65	64	55	49	45	38	46	48	43	....	....	55
	Minimum..	35	38	50	42	35	41	35	33	50	42	44	42	33	32	27	18	27	42	41	45	54	48	40	38	25	27	19	34	26	....	....	36
Subiaco	Maximum..	51	64	73	60	58	55	62	68	66	58	57	55	62	51	41	40	58	59	73	70	74	60	54	49	46	41	55	48	39	....	....	56
	Minimum..	30	40	44	44	44	46	37	33	46	38	41	38	39	27	24	11	27	38	42	45	59	43	43	37	27	24	18	34	22	....	....	36
Texarkana	Maximum..	63	65	72	62	66	62	68	67	72	63	61	56	64	60	56	45	52	64	75	72	75	72	65	52	50	49	57	58	57	....	....	62
	Minimum..	36	45	50	45	46	46	37	35	53	45	40	43	34	38	27	21	34	43	38	52	63	46	52	43	32	30	26	47	28	....	....	40
Umphers	Maximum..	62	61	62	62	56	56	57	61	61	54	56	56	56	51	36	41	46	54	41	68	68	64	49	39	36	49	....	46	39	....	....	53
	Minimum..	28	27	28	42	44	47	38	36	37	39	40	39	32	26	29	12	30	30	....	21	34	36	35	26	23	28	....	34	20	....	....	31
Warren	Maximum..	63	66	64	64	59	59	65	69	70	66	60	56	60	56	54	42	48	63	73	74	70	67	59	55	48	46	52	49	46	....	....	59
	Minimum..	33	41	41	49	38	42	38	34	56	43	39	45	33	37	28	20	28	40	39	45	61	54	49	40	31	31	23	39	29	....	....	38
Wynne§§.....	Maximum..	65	67	68	53	49	49	55	66	72	55	57	57	62	40	38	36	46	59	63	71	72	72	50	51	51	51	52	52	52	....	....	58
	Minimum .	30	33	33	39	36	36	34	34	34	41	43	40	30	30	22	15	16	34	37	42	47	48	45	34	26	27	19	19	19	....	....	32

§ Instrument are read inthe morning the maximum temperatur then read is changed to the preceeding day, on which it most always occeurs.

Scale of Shades.

0 to 1 inch.

1 to 2 inches.

2 to 4 inches.

4 to 6 inches.

Over 6 inches.

05
HR

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

MARCH 1920.

BY
HARVEY S. COLE
METEOROLOGIST



LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
June 15, 1920.

Departure of the Mean Temperature from the Normal, March, 1920.



Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.

L. C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., MARCH, 1920. No. 3.

GENERAL SUMMARY.

Although there are marked differences in individual temperatures, and the precipitation totals very considerably in different sections of the State, the averages do not show a great departure from the normal in either. A majority of the stations show positive precipitation departures, the only negative being in the eastern and south central counties, and while the temperature as a whole was below normal, positive and negative departures occurred in all sections.

Temperatures were below normal the first half of the month, the lowest ever recorded so late in the spring occurring at several stations on the 7th. This cold weather retarded but did not kill fruit except possibly in a few localities, but farm work was stopped except in southern counties. By the middle of the month temperatures were again normal and remained slightly above the latter half.

Heavy rains the latter part of the month again interfered with farm work and brought flood stages on the White, Black, Petit Jean, Ouachita, and at a few places on the Araknsas. but little damage resulted except that some lowland corn was drowned out.

High winds were reported in most sections of the State from the 11th to the 16th and again from the 25th to the 28th. A destructive hail storm occurred at Fort Smith the 31st.

The Aurora Borealis was observed the 22nd, from about 9:00 p. m. to 9:30 p. m. at Booneville, Grannis, Little Rock, Lutherville, Ozark, Searcy and Warren.

Dust was very noticeable in the atmosphere at Waldron on the 19th, and at Calico Rock and Little Rock on the 27th.

W. C. H.

TEMPERATURE

The mean temperature for 54 stations in Arkansas was 51.5°. For 41 stations having a record for 10 years or more the mean was 1.5° below normal. The highest monthly mean, 57.6° was recorded at Junction, Union County; the lowest, 43.0° at Booneville, Logan County, and at Nail, Newton County. The highest temperatures 88°, occurred on the 27th at Eldorado, Union County, and at Lutherville, Johnson County; the lowest, 2°, on the 7th at Nail. This is within one degree of the coldest ever recorded in Arkansas in the month of March, the lowest being 1° on March 6, 1899 at Gravette, Benton County. The greatest daily range was 47° on the 20th at Mt. Ida, Montgomery County.

PRECIPITATION

Most of the March precipitation fell in five periods; 3-4, 10-12, 16-19, 24-26, and on the 31st. The average for 68 stations was 5.44 inches; for 53 stations having a 10 year record or longer, it was 5.31 inches which is 0.53 inches more than the normal. The greatest monthly amount was 8.57 inches measured at Mt. Ida; the least 1.93 inches at Georgetown. The greatest 24 hour fall was 5.27 inches at Waldron, Scott County, on the 24th and 25th. Snow fell in the northern and some western counties.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative Humidity 7 A. M.	7 P. M.	Percentage of sunshine
Bentonville..	29.96	30.65	7	29.18	25	7,009	35	s.	15	71	.....	52
Fort Smith...	29.96	30.68	7	29.23	25	7,874	48	sw.	27	72	53	63
Little Rock..	30.00	30.65	7	29.17	25	8,823	40	nw.	19	78	57	56

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms:— 3rd, 9; 4th, 1; 7th, 1; 9th, 2; 10th, 3; 11th 5; 12th, 6; 18th, 4; 19th, 1; 24th, 4; 25th, 4; 27th, 1; 31st, 10.

Solar Halos:—5th, 1; 22nd, 1.

Lunar Halos: — 1st, 2.

Sleet:— 1st, 1; 4th, 1.

Aurora Borealis:—22nd Booneville, Grannis, Little Rock, Lutherville, Ozark, Searcy, Warren,

Hail:—Bentonville, 28th, light; Booneville, 4th, light; Dardanelle, 27th, light; Eureka Springs, 11th, light; Bee Branch, 28th, moderate; Dutton, 31st, light; Fort Smith, 31st, heavy; Eldorado 31st, light; Umphers, 4th, moderate; Warren, 31st, light.

COMPARATIVE DATA FOR ARKANSAS---- MARCH.

Year.	Temperature. Monthly average	Departure	Highest.	Lowest	Precipitation. Monthly average.	Departure.	Number of Days. clear.	Partly cloudy	cloudy.	Precip .01 or more
1891.....	46.7	−3.9	82	10	5.10	+1.06	11	9	11	10
1892.....	47.9	−3.2	90	9	3.44	−1.54	14	8	9	7
1893.....	50.1	−1.0	82	5	3.55	−1.43	16	6	9	8
1894.....	54.6	+2.5	88	8	9.84	+4.86	14	7	10	9
1895.....	51.8	+0.7	91	10	5.39	+0.41	13	7	11	10
1896.....	48.7	−2.0	85	12	5.28	+0.47	10	7	14	8
1897.....	55.9	+5.2	88	13	9.76	+4.95	10	7	14	15
1898.....	54.5	+3.4	88	18	5.96	+0.43	10	9	12	9
1899.....	50.6	−0.4	87	1	2.97	−2.21	12	9	10	7
1900.....	51.2	+0.2	90	7	2.50	−2.56	15	7	9	7
1901.....	51.5	+0.5	86	4	4.67	−0.25	14	8	9	6
1902.....	52.6	+1.3	89	14	5.34	+0.02	12	10	9	7
1903.....	54.8	+3.2	85	11	5.56	+0.22	10	9	12	8
1904.....	55.3	+3.2	90	12	5.64	+0.42	11	11	9	8
1905.....	57.1	+4.8	92	26	5.31	+0.03	10	10	11	9
1906.....	45.2	−7.2	88	10	5.69	+0.04	8	6	17	18
1907.....	61.9	+9.7	96	25	3.22	−1.81	14	8	9	1
1908.....	59.5	+7.1	93	21	3.79	+1.43	11	9	11	4
1909.....	52.7	+0.2	84	16	3.71	−1.45	13	8	10	6
1910.....	60.7	+8.4	92	23	1.39	−3.08	20	7	4	1
1911.....	56.6	+3.7	94	15	2.17	−2.70	16	9	6	6
1912.....	45.8	−7.0	86	10	7.86	+2.78	7	7	17	18
1913.....	49.7	−3.2	88	8	4.74	−0.29	14	9	8	8
1914.....	50.0	−2.6	86	4	5.13	+0.01	12	8	11	6
1915.....	42.5	−10.6	73	14	3.54	−1.11	9	7	15	7
1916.....	54.5	+1.7	91	11	1.93	−2.76	16	6	9	9
1917.....	53.0	0.0	87	9	5.32	+0.41	14	5	12	17
1918.....	57.9	+5.2	96	16	1.31	−3.29	11	8	12	5
1919.....	53.2	+0.6	86	11	5.47	+1.05	17	5	9	2
1920.....	51.8	−1.5	88	2	5.31	+0.53	14	5	12	8

Climatological Data for March, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	cloudy.		
Amity	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J.W. Campbell
Arkadelphia	..... do.....	250	24	.....	.....	.....	.....	.....	.....	.....	3.20	−1.70	1.00	0	5	12	0	19	se.	F.J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	4.56	−1.01	1.41	0	9	13	5	13	e	Geo. E. Payne.
Batesville	Independence	277	21	47.4	− 5.6	79	28	14	8	39	5.24	+1.22	1.22	T.	10	15	0	16	nw-se	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	28	54.0	+ 1.1	80	30	12	7	44	6.55	+1.91	2.75	0	8	12	6	13	.....	J. E. Scanlan.
Bentonville	Benton	1 03	14	47.2	− 0.1	76	27	4	7	32	6.60	+2.78	2.51	1.8	12	10	10	11	s.	U. S. Weather Bureau.
Bergman	Boone	1324	23	50.9	+ 3.1	78	26	4	7	43	6.47	+3.30	3.78	0	5	18	3	10	nw.	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	6.25	+2.54	3.05	T.	10	20	1	10	s.	S. J. Howe.
Booneville	Logan	.....	6	53.6	.....	80	27†	13	7	40	5.69	.....	3.90	0	8	15	7	9	s.	Supt. Tuberculosis San.
Brinkley	Monroe	226	38	53.2	+ 0.2	81	29	15	7	41	5.65	+0.23	2.21	0	7	16	2	13	s.	H. L. D. Whitson.
Calico Rock	Izard	361	16	47.6	.....	79	26†	12	8	42	4.66	+1.37	1.70	T.	7	17	1	13	nw.	J. M. Richardson
Camden	Ouachita	158	34	52.2	+ 4.6	82	28	2J	1	38	4.70	−0.35	2.00	0	10	14	2	15	s.	A.B.Quarterman
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	4.16	−0.06	1.20	0	9	13	2	16	s.	Mrs. B. E. Bishop.
Conway	Faulkner	309	36	52.8	+ 0.2	82	28	17	7	36	6.75	+2.28	3.06	0	9	14	10	7	s.	E. E. Cordrey.
Corning	Clay	293	28	52.0[e]	+ 1.8	82[b]	27	15[b]	7	33[q]	5.83	+1.16	2.15	0	8	16[b]	2[b]	11[b]	s.	N. E. Skinner
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	6.71	.....	4.72	0	6	18	0	13	.....	J. K. Arera.
Dardanelle	Yell	330	34	50.6	.....	82	27	19	7†	39	7.42	+3.02	4.32	0	8	16	5	10	e.	F.H.Weser
Dodd City	Marion	1175	38	46.2[a]	− 2.9	79[a]	27	6[a]	7	43[a]	5.70	+1.72	3.92	1.5	4	13[a]	10[a]	7[a]	sw.	Neal Dodd.
Dumas	Desha	162	12	54.7	.....	82	28	21	7	36	6.16	+1.15	1.60	0	9	4	7	10	.....	Ben. Johnson
Dutton	Madison	1590	18	44.8[b]	− 2.9.	74[a]	30	5[b]	7	42[b]	8.15	+3.78	2.41	0	8	10[b]	10[b]	9[b]	s.	J. M. Ricketts.
Eldorado	Union	265	16	55.2[e]	+ 0.6	88[e]	31	20[e]	1	31[e]	5.30	+0.48	2.20	0	6	10[a]	7[a]	13[a]	sw	Mrs. Virgil N. Walls.
England	Lonoke	229	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Chenault.
Eureka Springs	Carroll	1465	18	49 5	− 0.9	79	27	3	7	42	6.32	+2.72	2.97	T.	7	10	16	5	sw.	George W. Nicholds.
Fayetteville	Washington	1451	34	49.2	0.0	78	27	4	7	37	6.03	+2.03	2.27	2.5	9	12	8	11	s.	University of Arkansas.
Fort Smith	Sebastian	481	38	52.0	+ 0.7	81	27	13	7	32	3.90	+0.28	1.70	0.3	10	11	9	11	e.	U S. Weather Bureau.
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	4.79	+0.33	1.73	0	6	11	6	14	s.	T. J Logan.
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	1.93	.....	.72	0	7	14	0	17	w.	Charles Hilburn.
Gillett	Arkansas	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. H. Francel
Grannis	Polk	921	2	48.0	.....	78	27	14	1†	40	7.97	.....	3.16	0	7	16	3	12	se.	Dr. F. C. Mullins
Gravette	Benton	1250	22	47.0[d]	− 2.4	75[d]	26	5[d]	7	43[d]	4.03	.....	2.49	0.5	5	11	9	11	sw.	A. F. Stevens.
Hardy	Sharp	643	23	50.4[c]	+ 0.8	81[b]	11†	10[b]	7	37	.....	.....	.....	2.0	.....	13[b]	10[b]	6[c]	sw.	Miss Artie Madden.
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	3.19	.....	1.30	0	9	11	6	14	s.	I. J. Mitchell.
Hindsville	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	6.80	.....	2.55	T.	6	18	0	13	.....	Chas. Smothers.
Hope	Hempstead	377	48	57.0[d]	+ 1.8	82[d]	30	19[d]	7	39[d]	5.76	+0.54	1.73	0	6	19[c]	1[c]	8[c]	se-nw	N. P. O Neal.
Hot Springs	Garland	600	28	54.6	+ 1.4	81	27	17	7	39	4.83	−0.25	2.40	0	6	21	2	8	s.	A. & N. Gen. Hospital
Huttig	Union	51.9	54.7	− 2.4	83[a]	27	20[a]	1	37[a]	5.79	+0.57	2.31	0	9	10[1]	10[b]	9[b]	.....	C. A Berry.	
Jonesboro	Craighead	196	4	52.0	− 0.4	84	26	15	7	35	4.14	−0.30	1.32	...	9	19	3	9	s.	Benedictine Sisters.
Junction††	Union	345	25	57.6	+ 0.8	84	30	20	1	35	5.86	+0.66	1.40	0	6	14	3	14	sw.	J. A. Lowderback.
Lewisville	Lafayette	182	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J
Little Rock	Pulaski	262	18	51.3	+ 0.3	80	27	17	7	30	4.80	−0.14	2.37	0	9	16	4	12	s.	G. H. Dismukes.
Lutherville ††	Johnson	286	41	50.6	− 1.2	88	27	11	7	36	6.13	+2.42	3.30	0	7	14	3	14	e.	U. S. Weather Bureau
Magnolia	Columbia	775	23	55.4[c]	.....	81[a]	27	21[c]	6	36	6.40	.....	1.05	0	8	6	14	11	s.	H. Kauffeld.
Malvern	Hot Spring	315	2	51.8	− 1.8	79	27†	18	7	40	6 51	+1.73	1.90	T.	9	10	5	16	ne-sw	State Agriculture School
Mammoth Spring	Fulton	277	37	48.0	− 1.8	80	27	4	1	41	5.31	+2.27	1.47	3.0	6	17	2	12	sw.	Mrs. Kate L. Smith.
Marianna	Lee	512	15	50.8[a]	.....	82[a]	26	18	6†	33[a]	5 48	.....	1.98	0	6	12	10	9	sw.	W. S. Vincent.
Marked Tree	Poinsett	235	9	50.5	.....	82	27	17	7	32	4.24	+0.27	2.61	0	7	16	6	9	nw.	Mrs. Mary Spaine.
Marshall	Searcy	229	5	49.8	..	73	30	11	6	31	7.44	....	2.90	2.0	10	10	18	3	sw.	Charles Walton
Mena	Polk	1083	5	51.3	− 1.0	75	30	12	7	36	7.34	+2.28	2.52	T.	11	15	4	11	s.	W. F. Reeves.
Morrilton	Conway	1284	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	V. W. St.John.
Mountain Home	Baxter	347	2	49.2	.....	80	27	8	1	2	6 37	.....	2.36	1.0	5	15	0	15	s.	J. W. Dilbeck.
Mount Ida	Montgomery	800	6	51.2	.....	80	27	14	1	47	8.57	+4.00	4.53	0	6	14	5	12	w.	B. S. Halbert.
Murfreesboro	Pike	730	19	.....	.....	.....	.....	.....	.....	.....	3.20	.....	2.01	0	4	21	0	10	sw.	G. A. Whittington.
Nail	Newton	367	4	43.0	− 5.9.	63	15	2	7	30	6.93	+1.59	3.00	T.	7	14	8	9	s.	Henry A. Davis.
Newport	Jackson	2233	27	53.5	+ 2.1.	80	28	15	7	32	5.66	+1.28.	2.16	0	7	12	8	11	s.	Charles Paxton.
Okay	Pope	231	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	George L. Robinson.
Osceola	Mississippi	1700	5	55.2	+ 4.4	83	27	17	7	33	2.26	−3.16	.65	0	6	15	2	14	....	U. S. Forest Service.
Ozark	Franklin	240	20	49.9[m]	− 4.0	85[m]	27	14	7	38[m]	4.15	−0.40	2.12	0	6	4	10	15	sw.	Atwood P. Smith.
Patterson	Woodruff	377	24	.....	.....	.....	.....	.....	.....	.....	3.49	.....	1.60	0	5	14	0	17	s.	Isham Burrow
Pine Bluff	Jefferson	215	36	53.4	− 0.7	84	27	19	6	35	3.57	−1 56	1.05	0	9	13	5	13	s.	W.E. Baker.
Pocahontas	Randolph	300	28	50.2	− 0.8	81	27	17	1	36	5.95	+1.37	2.80	0	10	11	7	13	.....	Roy H. Hammond.
Portland	Ashley	122	14	56.2	− 0.5	84	27	24	1†	7	6.39	+1.00	1.47	0	9	14[a]	8[a]	8[a]	sw.	Benedictine Sisters.
Prescott	Nevada	327	38	55.5	+ 0.1	82	16†	19	7	7	4.78	+0.36	1.60	0	8	15	1	15	s.	W. E. Edmiston.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	2.79	−1.41	1.00	0	5	18	0	13	sw.	Orvie A Blakely.
Rison	Cleveland	243	18	54.3	− 0.1	82	27†	20	4†	36	5.52	+0.95	1.60	0	7	15	11	5	w.	Cote Coleman.
Rogers	Benton	1385	29	49.2	+ 0.7	78	27	3	7	44	5.69	+2.19	2.62	4.0	7	12	8	11	n	Geo.H Tisdale.
Searcy	White	236	7	52.0	.....	80	27	15	7	41	5.35	.....	2.22	0	11	17	2	12	sw.	Carl A Starck.
Sheridan	Grant	.....	7	..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Sarah Cypert.
Springbank ††	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	4.29	+0.11	1.68	0	7	16	0	15	s.	Miss Elsie. Glover.
Stuttgart	Arkansas	228	32	53.3	+ 0.2	80	26	18	7	37	4.81	−0.62	2.07	0	8	16	7	8	se.	Gr. Field.
Subiaco	Logan	1050	23	53.0	+ 0.1	81	27‡	11	5	39	6.12	+2.28	3.95	0	6	14	5	12	s.	I. A. Buerkle.
Texarkana	Miller	332	38	56.8	+ 0.8	82	16†	21	7	28	4.71	+0.77	1.6	0	7	16	5	14	n.	New Subiaco Abbey.
Umpher ††	Yell	4	3	48.0[a]	.....	75[a]	27	13[1]	7	34[1]	7.46	.....	2.0	0	8	15[a]	7[a]	8[1]	s.	H. S. Brashear.
Waldron	Scott	675	22	.....	.....	.....	.....	.....	.....	.....	7.81	....	5 27	0 2	8	13	4	14	sw.	U. S Forest Service.
Warren	Bradley	266	5	55.4	+ 0.1	82	16†	21	7	35	4.69	+0.83	1.15	0	8	15	5	11	s	Chas. S. Levil.
Whitecliffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	4.00	+0.14	1.9	0	5	12	4	15	ne	J. L. Klegg.
Wynne	Cross	250	12	53.4	+ 2.6	81	27	19	1	38	2.47	−1.59	.8	0	8	14	2	15	s.	Edela M.Schirmer.
State Means and Extremes				51.8	+ 1.5	88	27	2	7	47	5.31	+0.53	5.27	0.3	8	14	5	11	s.	E. V. Allen.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post office addresses of these stations as follows:- Junction Randolph La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark. Jelks, Patterson Ark.

Daily Precipitation for March, 1920.

ations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
y ‖	Ouachita										.90		.20																				.30 3.20
delphia ‖ ‖	do			.80																						1.00							
nsas City ‖ ‖	Mississippi	T.			1.07						1.41	.10	.15					T.	.11	.53						.03	.40						.76 4.55
sville ‖ ‖	White				1.46	T.					.04	.49	.56				.02	.04		.68						1.22	.22		.51				5.24
	White										.10						.12									1.00							2.00
Branch	Arkansas			.45	1.70						.10	.45					T.		.40	.20					T.	2.75			.35			.15	6.55
onville ***	do			.05	.14		.06				.33	1.2					.22		.13				.04	.55	1.99			.35			.80	6.60
man	White				.90						.12						1.56								3.78			.11				6.47
k Rock ‖ ‖	do				3.05	.18					.10	.50	.60				.10	.05		.75					.62	.30		T				6.25
neville	Arkansas		T.		.94						.28	.35					.01		.13					1.24	2.66			.08				5.69
kley ‖	White	T.		.06	.98						.12	.82	T.											T.	1.44			.02			2.21	5.65
o Rock ‖ ‖	do				1.35	T.					T.	.12	.36				.24			.01				T.	1.70	.88						4.66
den ‖	Ouachita				.34						2.00	.11	.05					.45	.03	.07					1.50	.02					.13	4.70
ndon ‖ ‖	Red				1.20						.12	.62	.29							.60					.13	.78		.16			26	4.16
way	Arkansas			T.	1.31						.14	.49					.03		.38	.15					3.06						1.04	6.75
ning ‖	White			.40	2.15							1.12					.29			.74				.16	1.22						.035	5.83
ville ‖	Arkansas	*	*		.92						.45	.32	.02											T.	4.72	.28					T.	6.71
lanelle	do				1.05						.42	.07	.79							.20					4.32	.30		.27				7.42
d City	White			.15		1.36							.31											.11	3.92							5.70
as	Arkansas			.12	1.56				.04	.95	.89	.04						T.	T.	.10				T.	.56			.02			1.60	6.16
on	White									1.43	2.14						.18		.18					.60	2.41			.21			1.00	8.15
rado ‖	Ouachita			T.	.90				.08	2.20	.58				T.					.66					.88		T.					5.30
land ‖	Arkansas																																
ka Springs	White				T.		T.			.40	3.20						.40		.35						2.97							6.32
tteville	do			T.	.12		T.	.02		.20	2.27	.08					1.05		.05					.03	2.21							6.03
Smith ***	Arkansas		T.	.61	.03		T.			.08	.60						.01		.08					.13	1.57		.05				.74	3.90
on ‖	Red				.75					1.73	.14	.47					T.			T.					1.15	T.					.55	4.79
rgetown ‖ ‖	White				.72					.06	.28	.41					.04			.20					.22							1.93
ett	Arkansas																																
nnis	Red			1.08	T.				T.	.74	.19						T.		.34				T	3.16	2.34						.12	7.97
yette	White			T.	.36						.95	.02					.21		T.					T.	2.49						T.	4.03
dy	do			.01	1.00						.06						.02								1.00							
ena ‖ ‖	Mississippi			.04	.68					.01	.64	1.30								.10					.02	.28						3.19
den ‖	White			2.25							.60	.20							.60						2.55		.60					6.80
e	Red				1.17				T.	1.42	.17								.04						1.73			T.				1.23 5.76
Springs	Ouachita			.17	1.57					.34	.21								T.					T.	2.00						.54	4.83
tig	do				1.19				17	2.31	.37	.31						.04		.57					.78						.05	5.79
esboro	White			.05	1.32					T.	.88	.10					.43			.05			.05	.56							.70	4.14
ction	Ouachita			.75					1.45	.98							T.			.92				T.	.81						1.00	5.86
visville	Red																																
le Rock ***	Arkansas		T.	.75	.28				.02	.19	.34						T.		.19					.14	67						2.25	4.80
derville	do				.95					.47	.67								.12	.05				.57	3.30							6.13
gnolia	Red			.59						1.65	.17						.30			.63					1.57			.17			1.32	6.40
vern ‖	Ouachita				.90					.71	.10	1.15							T.	.81					1.90	.20		.30			.47	6.54
nmoth Spring	White			T.	1.46						1.47						.46		.10					.39	1.63							5.31
rianna ‖	Mississippi				1.48					.14											1.37				.29						.22	1.98	5.48
rked Tree ‖ ‖	St. Francis			.10					.35			.40					.11		.30					.09	.28						2.61	4.24
shall	White		T	.28	1.42		.02		T.	.22	1.66						.23		.03					.32	2.90		.24				.12	7.44
a	Ouachita		.02	.44	.42				T.	.61	.48								.34					2.52	2.09	.01		.11			.30	7.34
rilton	Arkansas																																
ntain Home	White			1.50								1.35					1.13		.03					T.	2.36							6.37
nt Ida	Ouachita				1.50					.69	.72														.98	4.53						8.57
rfreesboro ‖ ‖	do				.16					.85	.18														2.01							3.20
l	White			.10	.80		T.			.75	1.35								.25					.68	3.60							6.93
wport ‖	do				2.10						.54	.33					.16		1.12					.85	.56							5.66
ay	Arkansas																																
eola	Mississippi			.50	.40					T.	.65	T.					.25			.44				T.	.02							2.26
rk	Arkansas			1.12						.51	.20								.08				T.	T.	2.12	.17						4.15
terson ‖	Cache				1.60							.80								.42						.62	.05					3.49
e Bluff ‖	Arkansas				.68					.29	.24	.32								.14					1.05	.08		.49			.28	3.57
ahontas	White			.20	2.80					.05	.80	.50					.20		.15	.20				.10	.95							5.95
rtland ‖	Ouachita				1.10				.19	1.47	.42	.48						.22		1.35					.50						.66	6.39
scott	do				.80					1.50	.08	.25							T.	.10					1.60	T.		.05		.40		4.78
nceton ‖ ‖	Ouachita					.30				1.00		.20													.87						.42	2.79
on ‖	do			.73						.95	.20													1.60			.25			.52	1.26	5.53
gers	Arkansas			T.	.25		.10			.20	1.74					.50			.22						2.62							5.69
rey	White			.12	2.22				T.	.00	.45					.01	.01		.43	.24				.05	1.05						.75	5.35
ridan ‖	Ouachita																																
ingbank ‖ ‖	Red				.50					1.6	.03	.06							.08	T.	.26				1.68	T.		T.			T.	4.29
ttgart	Arkansas			.45	.42					.2	.45										.53			.03	.65						2.07	4.81
maco	do			1.10						.3	.46								.07					3.95	.21						T.	6.12
arkana ‖ ‖	Red				.60					1.6	1.05									.10				T.	.95			.05			.36	4.71
phers	Arkansas			.0	1.59					.7	.67								.15					2.00	2.00					.30		7.46
ldon ‖	do	.08		.74						.4	.94									.10				1.62	3.65			.22	T.			7.81
rren	Ouachita			.2	.82				T.	1.15	.41	.42									.32			T.	.53			T.			.81	4.69
iteclffs ‖ ‖	Red				.80					.80		.40									.10				1.90						T.	4.00
nnel	St. Francis			T.	.80						.45	.27						.33		.32					.13	.12		.05			T.	2.47

ept as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the nex wing measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for February, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith	Arkansas	22	4.5	4.5	4.4	4.3	4.3	5.0	5.0	4.9	4.5	4.4	4.4	4.5	5.6	8.9	9.9	9.5	8.7	8.5	7.7	7.4	6.9	6.4	6.1	5.7	5.7	11.8	19.5	22.8	22.2	18.7	16.5
danelle	do	20	2.3	2.3	2.2	3.3	3.4	3.9	4.1	3.7	3.5	3.2	3.3	4.5	4.9	5.5	6.5	8.4	8.7	7.7	7.1	6.4	5.9	5.3	4.7	4.2	7.7	13.5	13.9	19.0	20 9	20.0	18.1
tle Rock	do	23	1.5	1.5	1.4	1.5	4.5	5.8	5.9	5.7	5.2	4.6	4.2	4.2	4.7	5.9	6.2	6.4	8.1	8.8	8.3	7.5	6.8	6.2	5.6	4.9	4.5	10.1	15.9	16.8	19.7	20.6	20.0
e Bluff	do	25	6.3	6.2	6.1	6.0	6.0	8.4	9.6	9.8	9.5	8.9	8.2	8.0	7.6	8.6	9.7	10.3	10.9	11.4	13 0	1.28	11.9	11.0	10.2	9.4	8.6	8.4	15.9	18.2	21.4	23.2	23.5
ek Rock	Black	14	4.8	4.7	4.6	10.0	17.0	16.3	15.9	15.0	14.0	13.4	12.8	14 2	16.9	16.8	16.7	16.7	17.4	18.4	18.6	18.0	18.0	17.6	17.6	17.3	17.1	19.0	20.9	20.6	19.7	19.3	19.2
ico Rock	White	18	1.5	1.6	1.3	5.4	5.0	4.4	3.7	3.7	3.4	3.2	3.1	7.0	12.7	13.7	14.0	10.1	10.5	8.9	8.5	9.0	7.5	6.5	5.8	5.4	5.6	30.2	25.6	20.7	19.5	13.8	10.1
esville	do	23	7.1	7.0	7.2	12.2	11.9	11.8	10.7	10.1	9.9	9.4	9.5	11.9	16.1	20.6	20.5	19.5	18.3	16.5	14.5	15.8	15.0	13.7	12.5	11.9	11.9	24.4	34.0	30.5	29.7	25.4	19.9
wport	do	26	4.9	4.7	4.6	4.1	9.8	12.9	13.2	13.4	12.9	12.4	11.9	11.8	11.9	18.6	21.2	22.4	22.3	21.9	21.6	21.2	21.1	21.0	19.7	18.6	18.2	18.2	24.4	28.5	29.3	29.2	28.4
rgetown	do	22	6.5	6.3	6.2	6.1	11.4	15.7	16.8	16.9	17.1	17.2	17.3	17.4	17.6	18.1	18.5	18.9	19.3	19.7	20.4	20.9	21.3	21.4	21.4	21.4	21.3	21.3	21.6	22.2	22.5	23.2	24.2
rendon	do	30	17.0	16.5	16.0	15.8	16.1	17.5	19.0	20.1	20.9	21.4	22.0	22.5	22.9	23.1	23.3	23.5	23.6	23.8	25.1	24.3	24.5	24.8	25 1	25.5	25.9	26.2	26.4	26.5	26.5	26.8	27.1
lena	Mississippi	42	25.6	27.3	28 4	28.9	29.2	28.7	27.7	26.6	25.4	24.3	23.6	23.4	23.3	23.5	24.6	26.6	29 2	32.0	34.2	35.7	37.0	38.1	39.2	40.2	41.0	41.9	42.7	43.4	44.1	44.8	45.5
ansas City	do	42	27.7	29.0	30.3	31.2	31.8	32.2	32.2	31.9	31.3	30.6	29.6	29.4	28.7	28.5	28.5	29 0	30.4	32.3	34.6	85.4	37.4	38.4	39.3	40.1	40.8	41.5	42.4	43.2	44.2	45.2	46.4
nden	Ouachita	49	8.7	8.7	8.6	8.8	9.0	9.1	15.6	17.9	17.7	14.2	15.1	19.7	22.5	26.0	25.8	25.1	23.8	22.7	18.3	16.6	15.9	15.0	14 2	13.0	12.5	13.1	22.0	27.0	29.9	32.3	33.8
nville	Arkansas	20	2.9	2.9	2.8	4.2	15.4	12.2	10.1	7.8	5.9	6.2	7.4	8.1	7.6	7.2	7.0	6.7	6.4	6.1	5.6	5.2	4.8	4.6	4.4	4.1	18.2	24.6	24.4	22.9	20.7	19.1	17.9
ton	Red	28	8.7	9 6	9.5	9.6	10.4	11.5	11,9	11.5	10.5	10.3	10.5	11.0	11.3	12.0	12.0	11.1	11.4	11.0	10.6	10.3	10.0	9.8	10.6	9.5	9.6	14.2	22.7	24.9	25.9	25.8	20.5

Below * Zero

Daily Temperatures for March, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Batesville §§	Maximum	34	49	52	58	34	33	35	32	48	53	62	69	50	60	70	68	56	62	68	55	62	69	71	68	66	68	74	79	69	65	75
	Minimum	15	16	30	32	19	19	15	14	27	32	52	48	34	36	48	51	37	42	50	33	32	36	32	52	57	49	45	46	35	39	49
Bentonville	Maximum	47	57	54	27	26	26	26	48	58	68	64	49	62	70	66	58	63	65	56	69	69	69	64	65	54	53	76	68	62	74	72
	Minimum	19	35	26	16	10	11	4	20	33	51	45	33	31	45	55	40	37	53	58	29	37	46	54	53	47	43	56	38	34	45	52
Bee Branch	Maximum	50	57	57	58	35	34	35	48	55	58	67	68	66	71	71	65	66	68	69	61	71	72	70	70	68	76	78	75	73	84	82
	Minimum	15	28	43	22	15	17	12	17	27	43	53	39	31	34	54	47	41	48	46	34	34	38	83	56	51	45	46	55	82	40	50
Bergman	Maximum	52	52	55	54	43	35	30	52	63	64	63	59	61	72	65	60	62	63	63	61	71	70	66	61	62	78	78	68	65	76	67
	Minimum	14	30	39	11	11	11	4	15	28	42	50	32	27	37	54	41	32	45	39	29	34	41	47	43	47	44	49	46	31	40	53
Booneville	Maximum	54	60	64	60	34	36	31	55	61	70	69	62	64	73	70	68	65	70	67	64	74	72	66	68	65	78	80	75	67	80	72
	Minimum	22	39	48	20	18	20	13	19	34	53	57	39	38	46	59	55	47	53	48	38	42	50	54	59	55	47	61	55	37	51	56
Brinkley	Maximum	54	62	57	38	39	37	51	51	57	70	66	65	74	70	70	66	71	73	64	74	72	68	71	74	64	74	76	77	76	71	81
	Minimum	19	33	45	27	20	20	15	18	26	49	55	44	32	41	56	55	59	53	49	39	35	46	57	58	50	52	54	51	40	42	49
Calico Rock §§	Maximum	53	53	67	31	32	34	29	52	56	63	68	51	61	72	68	55	62	67	53	63	72	72	69	68	66	79	79	70	68	79	63
	Minimum	15	15	29	28	16	16	13	12	21	29	49	42	34	35	46	47	33	33	47	32	32	37	41	54	57	44	50	53	37	37	45
Camden	Maximum	44	51	60	64	42	44	45	39	48	57	65	71	57	68	73	72	82	64	76	67	65	73	74	72	71	69	80	52	74	70	79
	Minimum	21	22	41	30	24	24	21	22	32	40	55	53	33	34	46	59	46	50	54	35	34	38	43	48	58	45	44	56	45	41	41
Conway	Maximum	55	58	61	59	37	40	34	47	52	60	71	65	65	74	71	68	66	73	67	63	72	74	73	72	68	78	82	73	66	79	70
	Minimum	19	37	45	26	20	21	16	19	30	48	59	43	34	39	58	53	48	53	52	35	36	42	48	60	56	45	49	59	36	43	52
Corning	Maximum	...	...	54	52	36	36	36	44	52	59	64	64	57	69	67	66	68	66	64	60	64	72	70	68	71	74	82	76	68	72	78
	Minimum	...	...	36	29	18	19	15	24	32	48	53	42	32	42	57	46	37	46	47	34	33	39	51	58	56	51	57	66	40	46	54
Dardanelle	Maximum	55	60	61	37	35	40	35	54	53	63	70	54	65	74	71	65	63	67	57	67	75	65	69	67	66	78	82	70	66	79	66
	Minimum	20	27	42	26	21	22	19	19	27	36	52	42	36	37	48	60	43	47	50	37	37	41	42	52	57	47	49	50	30	40	50
Dodd City	Maximum	48	48	53	55	27	28	25	50	52	62	64	61	64	72	66	62	59	63	62	60	68	69	...	65	63	74	79	70	64	76	75
	Minimum	8	27	41	12	10	13	6	12	24	34	52	34	26	35	50	43	31	45	40	21	28	39	....	55	43	40	46	52	29	37	50
Dumas	Maximum	51	51	61	59	54	40	38	52	53	59	70	67	63	73	70	84	76	75	74	62	72	72	73	70	75	80	82	80	68	80	65
	Minimum	22	31	41	30	24	25	21	22	31	52	58	47	36	44	53	56	48	53	52	36	36	40	46	58	61	52	52	65	45	41	45
Dutton	Maximum	45	....	45	29	31	30	28	44	53	60	62	65	66	69	63	60	63	60	60	61	69	68	63	60	60	71	71	62	58	74	67
	Minimum	10	....	....	14	10	13	5	15	26	42	49	32	25	31	54	45	33	45	40	28	28	33	48	50	48	36	45	37	27	32	43
Eldorado	Maximum	50	61	56	63	42	43	41	45	54	63	69	69	67	74	73	83	80	77	74	....	72	72	74	....	73	....	73	86	88	....	....
	Minimum	20	38	51	29	24	24	21	25	37	53	60	47	37	44	56	61	49	52	52	....	38	43	47	....	53	....	61	63	....	....	53
Eureka Springs	Maximum	51	58	46	57	29	29	30	50	59	69	63	57	62	71	70	62	63	63	62	62	71	70	66	64	63	76	79	71	63	76	73
	Minimum	20	36	42	15	10	14	6	18	34	49	49	33	29	47	55	43	35	49	39	36	36	49	52	54	48	44	58	48	34	47	55
Fayetteville	Maximum	47	56	61	58	27	27	26	48	57	67	65	60	61	67	70	64	65	63	63	56	70	69	65	66	62	72	78	72	65	73	71
	Minimum	18	36	43	25	10	14	4	18	34	51	49	33	30	46	55	43	39	52	40	31	33	44	53	56	46	45	57	46	32	45	57
Fort Smith	Maximum	51	59	62	34	35	35	32	53	59	74	70	55	66	74	70	67	63	71	60	65	73	71	67	69	64	79	81	69	66	78	68
	Minimum	23	41	32	21	18	19	13	24	36	51	52	39	36	42	61	50	45	54	45	37	42	48	51	60	53	47	56	48	41	47	55
Grannis	Maximum	44	54	62	49	42	41	36	47	53	61	72	60	66	71	70	74	66	70	67	65	69	69	64	65	66	76	78	71	66	75	75
	Minimum	14	36	47	22	20	20	14	22	34	51	60	40	26	34	57	54	50	51	45	35	31	35	47	57	50	38	43	54	32	36	52
Gravette	Maximum	48	58	62	58	26	27	28	48	57	70	67	57	63	72	66	64	65	66	64	62	71	71	65	65	62	76	72	....	....	....	....
	Minimum	14	34	41	15	11	15	5	16	35	51	50	32	25	41	36	43	32	52	40	24	31	45	53	53	49	36	59	....	....	....	....
Hope	Maximum	....	....	....	....	....	44	49	48	46	58	62	70	60	67	77	72	76	69	75	72	68	66	66	72	70	78	80	84	76	81	82	70
	Minimum	....	....	....	....	....	21	24	19	27	31	51	60	52	31	39	58	65	53	61	51	34	43	47	47	60	60	44	55	56	42	43	64
Hot Springs	Maximum	54	57	61	60	41	45	42	53	54	60	67	68	69	72	70	72	75	68	70	71	75	72	69	66	68	79	81	76	72	79	64
	Minimum	28	37	47	24	20	22	17	25	36	51	59	41	37	45	57	60	50	53	56	50	36	44	48	60	63	46	52	59	39	45	52
Huttig	Maximum	54	60	69	66	58	54	46	44	57	62	72	72	66	74	74	85	81	78	71	70	72	73	76	74	74	83	83	....	81	77	74
	Minimum	30	36	50	30	24	25	22	26	35	52	50	48	36	44	56	64	50	50	55	54	35	40	45	59	59	44	47	....	49	44	55
Hardy	Maximum	...	....	61	60	36	41	29	49	66	58	81	65	57	72	61	61	61	62	62	63	68	72	70	67	67	75	81	74	69	76	71
	Minimum	....	....	...	25	14	16	10	13	25	46	52	40	30	39	57	45	39	45	45	31	31	36	50	55	44	49	46	62	37	35	49
Jonesboro	Maximum	50	55	58	54	43	36	33	45	53	63	69	64	58	72	69	66	65	65	65	66	68	75	76	72	77	84	78	75	71	79	68
	Minimum	20	38	38	25	19	20	15	20	31	43	52	42	34	37	55	44	43	44	46	38	38	39	45	55	55	51	58	56	64	43	51
Junction	Maximum	51	64	66	65	43	42	45	47	62	67	70	68	66	75	70	72	75	73	73	72	76	75	76	74	76	82	84	82	68	81	76
	Minimum	20	34	38	31	25	24	23	32	38	47	52	50	31	45	50	55	52	55	57	50	47	63	62	65	59	52	56	58	62	64	63
Little Rock	Maximum	49	52	63	57	36	36	32	48	51	61	65	65	63	71	70	71	62	74	65	61	71	70	70	69	66	77	90	71	65	78	66
	Minimum	24	39	47	27	21	22	17	24	34	50	60	43	37	44	59	54	51	52	46	40	43	50	51	59	56	48	55	52	44	49	52
Lutherville	Maximum	50	54	56	58	34	39	31	50	51	57	64	55	63	72	66	66	62	65	64	64	72	70	65	68	68	75	88	74	65	77	70
	Minimum	20	35	36	22	17	18	11	19	30	47	53	38	36	41	57	50	44	50	46	35	41	46	48	49	54	49	52	54	36	44	51
Magnolia	Maximum	49	60	65	42	42	42	....	45	55	62	71	71	68	73	72	82	75	74	73	63	72	72	72	70	68	80	81	78	69	79	66
	Minimum	22	42	45	24	25	21	....	23	39	53	61	46	35	48	....	....	65	49	53	56	37	36	49	50	62	51	47	53	60	46	....
Malvern §§	Maximum	48	54	59	45	46	40	37	43	54	62	69	55	67	70	71	72	65	70	64	63	70	72	74	73	65	73	79	70	71	79	66
	Minimum	20	35	41	28	22	23	18	29	37	38	48	55	31	38	55	58	55	52	54	32	37	39	48	52	60	47	46	50	38	39	52
Mammoth Spring	Maximum	47	57	53	56	32	31	28	49	54	58	67	64	56	71	67	65	60	57	64	62	67	71	67	65	69	74	80	77	65	75	73
	Minimum	4	25	36	19	14	7	11	14	25	46	53	40	21	33	57	44	28	45	44	30	30	54	46	53	56	49	42	62	34	34	43
Marianna §§	Maximum	52	60	34	36	38	35	48	54	60	66	55	60	71	67	76	64	71	64	70	71	72	70	69	72	67	82	79	68	72	68	...
	Minimum	21	36	32	21	21	18	18	26	31	51	54	35	38	54	55	50	48	54	41	38	42	49	53	45	48	52	60	42	42	51	53
Marked Tree §§	Maximum	48	55	50	45	32	30	34	37	53	48	51	65	72	65	69	68	74	64	62	70	76	72	70	78	79	82	77	70	80	64	64
	Minimum	21	24	34	31	19	20	17	20	29	32	37	39	42	53	57	45	46	51	39	40	41	43	40	57	52	50	57	45	42	50	53
Marshall	Maximum	49	55	60	42	28	30	28	46	53	61	70	55	59	69	67	65	64	70	64	61	65	68	66	66	66	72	72	70	68	73	73
	Minimum	20	36	35	20	14	11	11	20	33	47	56	37	33	44	53	47	40	50	42	33	40	50	51	48	55	54	37	52	54	37	52
Mena	Maximum	50	55	62	55	36	37	34	52	54	65	66	65	67	71	68	76	68	65	65	62	71	70	63	61	65	76	78	71	66	75	68
	Minimum	20	37	47	19	19	22	12	20	34	43	59	37	33	40	52	53	45	51	48	37	36	44	54	55	51	43	46	50	54	34	49
Mountain Home	Maximum	50	52	55	50	30	28	50	60	65	60	67	60	57	73	67	65	62	65	65	62	70	72	68	64	65	76	80	74	67	77	74
	Minimum	8	28	41	12	16	9	16	25	46	39	48	37	30	31	56	44	32	46	41	32	33	41	48	55	54	45	47	55	32	39	37
Mount Ida	Maximum	53	56	62	46	39	43	35	54	57	62	69	68	66	73	72	72	70	68	70	66	74	71	73	67	65	77	80	76	70	79	74
	Minimum	14	36	40	23	17	17	15	15	32	52	60	40	27	36	58	51	49	45	51	19	29	29	46	62	52	39	41	57	51	34	53
Nail	Maximum	44	50	50	49	29	28	22	44	48	60	59	52	52	54	61	59	62	58	58	50	57	59	59	57	56	55	58	58	56	58	56
	Minimum	26	31	30	14	9	10	2	14	27	42	50	39	31	41	44	44	....	46	38	31	40	44	45	43	43	46	35	43	42	40	44
Newport	Maximum	35	52	52	59	35	35	47	32	46	57	62	68	49	65	70	68	57	65	68	62	57	67	73	70	67	78	83	82	74	76	76
	Minimum	20	22	33	28	20	20	15	18	28	45	55	42	30	40	61	39	41	45	50	40	41	42	45	59	60	50	44	50	43	46	53
Osceola	Maximum	55	56	60	70	63	56	49	50	55	60	64	64	64	70	68	60	66	68	69	66	68	71	71	69	74	76	83	82	74	76	76
	Minimum	20	24	30	27	20	20	17	20	32	51	50	50	33	40	55	50	44	46	49	36	27	39	48	56	56	56	53	63	41	65	53
Ozark	Maximum	45	57	46	42	30	28	33	51	58	67	59	....	....	....	....	....	....	....	....	....	....	....	....	....	75	78	85	82	70	79	74
	Minimum	38	40	38	24	19	22	14	21	30	50	51	40	32	44	60	54	40	54	49	39	34	43	51	61	51	43	52	53	35	41	53
Pine Bluff	Maximum	52	54	65	39	37	38	35	52	56	63	71	58	62	74	71	82	80	75	62	64	72	76	75	74	79	82	84	76	65	79	69
	Minimum	24	41	30	23	22	19	21	29	36	50	52	38	36	42	59	49	52	40	39	42	44	50	63	49	50	53	47	44	45	50	51
Pocahontas	Maximum	50	50	54	54	32	36	34	48	49	56	66	65	60	71	67	68	69	61	65	64	66	73	70	68	75	76	81	74	67	76	69
	Minimum	17	26	40	25	23	19	18	16	30	46	54	42	31	35	57	46	33	44	47	35	36	58	48	58	56	50	47	65	37	40	44
Portland	Maximum	50	57	71	64	39	40	37	49	59	53	70	69	65	73	75	83	77	78	75	60	70	72	76	74	76	82	84	82	68	81	69
	Minimum	24	37	49	33	25	26	24	25	34	53	58	69	40	55	57	65	49	52	58	40	38	44	49	57	62	49	54	61	50	44	53
Prescott	Maximum	50	59	64	63	58	45	39	49	59	61	75	48	69	75	71	82	64	74	82	62	74	74	71	69	68	80	82	78	69	78	74
	Minimum	22	40	53	27	23	24	19	25	35	52	60	45	35	45	57	61	52	53	54	39	37	43	45	61	57	44	51	58	44	43	53
Rison	Maximum	50	60	62	30	40	43	39	50	55	65	74	54	67	70	70	67	81	76	66	64	74	76	72	74	80	82	76	81	82	76	76
	Minimum	37	40	29	20	29	20	21	33	46	54	49	35	46	50	64	50	45	54	36	36	42	48	57	57	48	50	63	42	45	50	50
Rogers	Maximum	49	58	60	59	28	28	28	48	59	69	64	58	63	72	68	64	64	63	62	71	70	64	66	64	75	78	73	67	75	77	72
	Minimum	16	35	44	15	10	14	8	16	33	51	50	32	27	40	56	43	37	53	40	27	33	41	54	56	48	42	58	46	31	44	47
Searcy	Maximum	50	53	59	56	36	40	35	49	52	57	71	66	73	73	69	68	66	74	67	62	71	72	70	67	67	75	80	73	68	77	72
	Minimum	19	30	46	28	26	29	15	19	29	46	56	43	32	33	57	50	46	52	48	35	37	40	49	59	55	47	46	62	38	35	53
Stuttgart	Maximum	47	50	48	57	36	36	35	48	51	57	65	65	63	71	69	70	64	72	72	71	71	71	78	71	77	80	75	76	73	71	74
	Minimum	21	36	45	30	22	22	18	22	31	49	57	46	32	42	58	56	52	58	56	34	37	44	47	58	59	48	52	63	42	43	52
Subiaco	Maximum	53	61	64	54	36	39	31	52	59	68	72	63	64	74	71	69	64	70	65	65	74	73	68	68	67	79	81	74	68	81	74
	Minimum	24	38	48	22	14	20	13	20	31	49	59	39	37	39	59	54	54	52	48	36	39	44	53	58	55	55	57	51	37	42	52
Texarkana	Maximum	51	59	67	61	46	45	40	46	59	65	73	72	72	75	74	82	74	76	78	68	73	77	78	76	75	31	82	81	71	81	74
	Minimum	23	41	54	25	24	26	21	38	41	52	63	45	34	47	56	66	55	55	55	38	38	47	51	58	55	44	55	50	45	50	50
Umphers	Maximum	48	51	53	58	44	33	30	46	51	56	62	60	67	65	62	61	61	63	56	66	68	63	61	60	....	71	75	73	61	72	70
	Minimum	21	23	25	20	18	19	13	16	17	49	49	38	47	45	52	46	49	46	36	37	37	50	50	50	....	45	45	49	37	38	38
Warren	Maximum	50	59	65	61	49	43	37	49	54	69	69	67	65	73	73	82	63	74	73	68	63	73	71	75	75	74	80	82	77	69	80
	Minimum	23	39	43	31	24	24	21	26	53	53	59	48	40	43	58	62	50	54	57	38	38	42	48	60	61	49	50	65	46	45	49
Wynne §§	Maximum	55	55	53	58	60	60	59	52	51	60	67	58	59	72	68	65	63	69	61	61	65	73	71	68	72	76	81	77	69	78	74
	Minimum	19	29	44	35	22	22	24	27	30	30	42	57	34	38	49	57	48	48	53	42	37	49	46	51	59	56	54	60	41	44	51

In this report we use the morning the maximum temperature then read is charged to the preceding day, on which it most always occurs.

Total Precipitation, 12Z 31, to 12Z Nov. 1, 1911.

NO RAIN

Scale of Shades.

0 to 1 inch.

1 to 2 inches.

2 to 4 inches.

4 to 6 inches.

Over 6 inches.

W. T.

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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

ARKANSAS SECTION

APRIL 1920.

BY

HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
July 23 1920.

Departure of the Mean Temperature from the Normal, April, 1920.



EPARTMENT OF AGRICULTURE, WEATHER BUREAU.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., APRIL, 1920. No. 4.

GENERAL SUMMARY.

nth of April was marked by unusually low tempera-
y station in the State except Rison recording freezing
n the 5th, and previous low records for April were
all sections. All stations with a full month's record
mean temperature below the April normal except
and Jonesboro which were normal, Wynne and Hope
ve departures.
ften the case during periods of low temperature the
ion was above normal, practically the entire State show-
e departures except the northern tier of counties and
ion occurred some place in the State every day except
nd 14th.
peaches, berries and all tender vegetation were either
reatly damaged by the freeze on the 5th still in a few
ocalities some fruit escaped. Apples were only slightly
and by the end of the month berries were blooming

s practcally all planted during the month despite the
weather and in the southern and central sections most
ton was in the ground, but for cotton the month as a
unfavorable and its condition at the close was only fair.
do of great intensity occurred in Yell, Logan, and John-
ies near midnight, Sunday, April 18th, during which
ives are known to have been lost, more than thirty peo-
d, and property damage to the extent of more than
00 sustained.
he most authentic information obtainable the storm was
l near Mickles, Yell County, about six miles east of
and from here the path of its movement was in a north-
direction crossing into Logan county near Hobart post-
e the first loss of life occurred. In Harkey Valley, Huckle
ntain, and the Shoal Creek neighborhoods ten people
lives; one entire family of seven being instantly killed.
istance northwest of Hobart the path turns northeast-
crosses the Arkansas River a little south of Piney sta-
son County. The first damage done in Johnson County
estruction of the bridge spanning Piney creek. The
tinued in a northeasterly direction passing over Piney
then turning northward which course it followed into
tains where it seems to have lost its force for no futher
was reported. In southeastern Johnson County eight
lost.
ndo's path was about a quarter of a mile in width and
in path swept everything before it. It is descrided as
well defined funnel-shaped cloud with rotary winds
rooted trees and carried everything away.

W. C. H.

TEMPERATURE

an temperature for 57 stations was 59.8°. For 43 sta-
ng a record of ten years or more the mean was 1.4°
mal. Of the stations having a complete month's record
showed the highest mean temperature, 63.3° and Nail,
tay missing. the lowest, 50.9°. The highest temper-
rded during the month was 94° at Bee Branch on the
lowest 21° at Nail on the 5th. The coldest hereto-fore
during the month of April was 19° in 1868, 1899, 1914,
The greatest daily range was 50° at Calico Rock.

PRECIPITATION

For 70 stations the average precipitation was 5.49 inches. The average for 45 stations having a record of ten years or more was 0.89 above normal. Of these 41 showed plus departures, 14 minus. The greatest monthly amount was 10.56 inches at Helena; the least 1.42 inches at Hardy. The greatest 24 hour fall was 4.30 inches at Centerpoint on the 25th. Snow in appreciable amounts was recorded at three stations and traces at most stations in the northwestern half of the State.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level)					Wind.				Relative Humidity		Percentage of sunshine
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 A. M.	7 P. M.	
Bentonville..	29.78	30.15	24	29.28	1	5,768	32	s.	15	73	.....	46
Fort Smith...	29.79	30.11	24	29.34	1	8,152	44	w.	12	77	55	60
Little Rock..	29.81	30.17	24	29.35	1	8,107	42	w.	1	76	52	57

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 2; 2nd, 1; 3rd, 10; 7th, 1; 8th, 8; 9th 34; 10th, 1; 11th, 10; 12th, 4; 15th, 5; 16th, 5; 18th, 4; 19th, 2; 20th, 3; 21st, 2; 23rd 1; 24th, 5; 25th, 10; 26th, 2; 28th, 1.

Killing Frost or Freezing Temperature:— 2nd, 10; 3rd, 1; 4th, 19; 5th, 52; 6th, 4; 10th, 4; 11th, 1; 12th, 1: 13th, 15; 14th, 12; 15th, 1.

Solar Halos:— 9th, 1; 14th. 1; 23rd, 1; 28th, 1.

Light Hail: — Eureka Springs, 1st, Batesville, Bee Branch, Fayettville, Marked Tree, Waldron, 3rd. Booneville, Camden, Mena, Umphers, Waldron, 11th. Searcy 14th. Centerpoint, Little Rock, 15th. Fort Smith, 18th. Searcy, 20th. Centerpoint, 25th.

COMPARATIVE DATA FOR ARKANSAS---- ARPIL.

Year.	Temperature.				Precipitation.		Number of Days.			
	Monthly average	Departure	Highest.	Lowest	Monthly average.	Departure.	clear.	Partly cloudy	cloudy.	Precip .01 or more
1891.....	62.8	+0.2	93	22	2.75	−1.87	15	10	5	8
1892.....	61.4	−1.7	97	22	6.98	+2.30	12	9	9	10
1893.....	64.9	+1.8	94	29	7.16	+2.48	11	10	9	8
1894.....	63.1	0.0	91	29	6.18	+1.50	14	8	8	9
1895.....	63.1	0.0	98	30	1.99	−2.69	15	8	7	6
1896.....	67.8	+5.0	94	24	3.65	−1.15	12	12	6	5
1897.....	61.4	−1.4	90	27	4.14	−0.66	12	11	7	9
1898.....	59.2	−4.6	93	19	3.09	−1.94	14	8	8	8
1899.....	60.7	−3.2	96	19	3.28	−1.30	10	11	9	7
1900.....	62.2	−0.6	96	24	4.98	+0.18	10	12	8	10
1901.....	58.1	−4.7	96	22	3.82	−0.71	14	8	8	6
1902.....	61.2	−0.8	96	25	2.87	−1.37	11	11	8	8
1903.....	60.6	−1.2	91	26	1.86	−2.20	13	10	7	6
1904.....	56.8	−4.8	89	24	3.88	−0.35	11	9	10	8
1905.....	61.1	−0.7	96	25	6.29	+2.13	9	10	11	11
1906.....	63.7	+1.9	97	27	2.55	−1.85	15	7	8	6
1907.....	54.9	−6.6	89	24	5.44	+1.04	10	7	13	9
1908.....	63.3	+1.9	93	24	6.32	+2.14	9	9	12	12
1909.....	60.9	−0.4	88	24	4.52	+0.27	15	7	8	8
1910.....	59.8	−1.4	90	22	5.14	+0.82	12	9	9	9
1911.....	60.5	−0.9	90	29	9.86	+5.48	10	9	11	12
1912.....	61.9	+0.8	93	26	8.14	+3.59	9	11	10	12
1913.....	61.2	+0.1	94	27	4.91	+0.53	17	6	7	6
1914.....	61.0	0.0	94	19	4.57	+0.15	11	9	10	9
1915.....	64.3	+3.3	96	19	2.96	−1.39	14	8	8	5
1916.....	59.9	−1.2	92	24	3.65	−1.25	13	7	10	7
1917.....	60.4	−0.8	90	23	5.69	+0.92	14	7	9	9
1918.....	59.6	−1.2	96	25	7.63	+2.68	14	6	10	9
1919.....	61.6	+0.5	95	24	3.56	−1.27	14	6	10	7
1920.....	59.8	−1.4	94	11	5.49	+0.89	14	7	9	8

Climatological Data for April, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	cloudy.		
Arkadelphia	Clark	250	24	.....	.....	.....	.....	.....	.....	.....	5.01	−0.27	1.70	0	6	13	0	17	nw.	F. J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	9.23	+4.77	2.07	0	10	15	2	13	e.	Geo. E. Payne.
Batesville	Independence	250	21	56.7	− 2.7	84	18†	27	5	39	4.69	+0.07	0.94	T.	6	11	2	17	.....	Mrs. Lena I. Teter.
Beebe	White	277	1	.....	.....	.....	.....	.....	.....	.....	4.65	.....	1.75	0	8	.....	.....	.....	w.	Ben Allen
Bee Branch	Van Buren	.....	28	60.5	− 0.4	94	22	22	5	41	5.45	+1.11	1.35	0	8	9	8	13	.....	J. E. Scanlan.
Bentonville	Benton	1303	14	54.4	− 2.5	88	18	19	5	38	2.54	−1.35	0.64	1.0	10	14	7	9	s.	U. S. Weather Bureau
Bergman	Boone	1324	23	58.8[i]	.....	90[i]	18	27[i]	3	44[i]	.....	.....	.....	.....	...	14[i]	2[i]	5[i]	.....	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	3.53	−2.02	0.96	.....	7	14	5	11	s.	S. J. Howe.
Booneville	Logan	.....	6	60.4	.....	87	17	24	5	34	4.82	.....	1.83	0	12	17	4	9	w.	Supt. Tuberculosis S
Brinkley	Monroe	226	38	60.3	− 2.5	86	21†	27	5	32	7.60	+2.63	2.08	0	8	14	4	12	.....	H. L. D. Whitson.
Calico Rock	Izard	361	16	57.0	.....	85	20†	25	5	50	2.65	+2.15	0.72	T.	8	12	2	16	w.	J. M. Richardson
Camden	Ouachita	158	34	60.2	− 3.4	88	18	26	5	49	7.31	+2.70	3.18	0	6	12	6	12	n.	A. B. Quarterman
Centerpoint	Howard	470	23	61.8[a]	− 1.2	91[a]	17	26	5	41[a]	5.30	+0.54	4.30	0	3	15	2	13	se.	C. M. Huddeston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	7.86	+1.68	2.64	.....	9	9	13	8	e.	Mrs. B. E. Bishop.
Conway	Faulkner	309	36	60.2	− .18	86	21	27	5	38	4.83	+0.54	1.75	0	7	18	8	4	w.	E. E. Cordrey.
Corning	Clay	293	28	58.4	− 1.0	85	21	26	5	35	4.30	−0.28	1.38	T.	9	16	6	8	w.	N. E. Skinner
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	3.68	.....	1.68	.....	6	17	13	10	.....	J. R. Avera
Dardanelle	Yell	330	34	60.8	.....	88	16	25	5	46	5.24	+1.30	1.50	0	6	18	5	7	e.	F. H. Weiser.
Dodd City	Marion	1175	38	55.4	− 44	84	18	18	5	46	3.79	−0.33	1.24	T.	7	11	14	5	sw.	Neal Dodd.
Dumas	Desha	162	12	61.4	.....	86	16†	31	5	35	8.09	+3.59	2.94	0	12	7	19	4	.....	Ben. Johnson.
Dutton	Madison	1590	18	54.2	− 1.9	84	18	16	5	37	5.67	+0.38	2.75	T.	8	14	8	8	s.	J. M. Ricketts.
Eldorado	Union	265	16	63.0	− 0.5	88	16†	26	5	39	8.23	+3.04	2.50	0	6	12	7	11	sw.	Mrs. Virgil N. Walls
England	Lonoke	229	13	62.6[i]	0.0	88[i]	17	36[i]	14	35[i]	.....	.....	.....	T.	.....	11[i]	5[i]	5[i]	s.	R. H. Hardin.
Eureka Springs	Carroll	1465	18	56.3	− 2.2	88	17†	17	5	40	2.70	−1.80	0.90	T.	8	8	14	8	sw.	George W. Nichoalds
Fayetteville	Washington	1451	34	56.8	− 1.9	85	18	18	5	41	2.99	−1.20	1.35	T.	9	16	6	8	s.	University of Arkans
Fort Smith	Sebastian	481	38	58.8	− 2.9	88	17	27	5	36	3.40	−0.50	1.58	T.	7	12	9	9	e.	U. S. Weather Bure
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	4.44	+0.35	1.73	0	6	8[a]	7[a]	14[a]	s.	T. J. Logan.
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	6.54	.. ..	1.90	0	7	13	1	16	.....	Charles Hilburn.
Gillett	Arkansas	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. H. France.
Grannis	Polk	921	2	58.5	.....	86	17	21	5	43	6.80	.....	3.12	0	11	16	6	8	se.	Dr. F. C. Mullins
Gravette	Benton	1250	22	54.7[a]	− 2.1	86[a]	18	15[a]	6	38[a]	1.74	−2.10	0.76	0.5	11	13[a]	8[a]	8[a]	sw.	A. F. Stevens
Hardy	Sharp	643	23	58.2[a]	− 0.8	86	19†	24[a]	5	42[a]	1.42	−3.16	1.36	0	5	14	9	7	sw.	Miss Artie Madden
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	10.56	+5.14	3.80	0	10	14	5	11	s.	T. J. Mitchell.
Hidgen	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	5.85	.....	1.15	0	7	23	0	7	.....	Chas. Smothers.
Hope	Hempstead	377	48	64.1	+ 0.4	93	16	27	5	42[a]	4.06	+1.23	2.84	0	5	21	6	3	ne.	N. P. O'Neal.
Hot Springs	Garland	600	28	62.7	− 0.3	91	17	27	5	34	4.43	−1.63	1.98	0	6	20	2	8	s.	A. & N. Gen. Hosp
Huttig	Union	.....	12	65.2[i]	− 0.1	93[g]	17	27[a]	5	36[i]	6.14	+1.55	2.20	0	6	14	11	5	.....	C. A Berry.
Jonesboro	Craighead	345	25	61.2[a]	0.0	87	23	27[a]	5	42[a]	4.75	+0.66	1.43	0	8	18	4	8	s.	Benedictine Sisters.
Junction‡‡	Union	182	27	63.2	− 0.3	90	17	27	5	35	9.35	+4.74	2.37	0	6	17	6	7	sw.	J. A. Lowderback.
Lewisville	Lafayette	262	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. H. Dismukes.
Little Rock	Pulaski	286	41	60.2	− 0.5	85	21	28	5	31	6.59	+2.08	2.82	T.	10	12	8	10	s.	U. S. Weather Bure
Lutherville ††	Johnson	775	23	58.4	− 0.9	89	1	23	5	39	5.04	+0.90	1.12	T.	10	18	2	10	e.	H. Kaufeld.
Magnolia	Columbia	315	2	61.2[g]	.....	87[e]	17†	28[i]	8	32[i]	5.73	.....	2.97	0	5	7[e]	16[e]	2[e]	s.	State Agriculture Sch
Malvern	Hot Spring	277	37	61.1	− 0.3	88	17†	38	5	22	7.78	+2.83	2.50	0	6	10	5	15	sw.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	15	57.1	− 1.0	85	19	24	5	42	2.13	−3.33	0.62	.....	6	18	4	8	sw.	W. S. Vincent.
Marianna	Lee	235	9	60.2	.....	85	18	28	5	37	5.70	.....	2.00	0	5	13	13	4	s.	W. K. Truesdale
Marked Tree	Poinsett	229	15	59.4	.....	91	18	28	5	46	7.81	+2.42	2.61	0	7	10	16	4	nw.	Charles Walton
Marshall	Searcy	1083	5	58.6	.....	84	19	22	5	36	3.94	.....	1.12	0	12	6	21	3	s.	W. F. Reeves.
Mena	Polk	1284	32	58.8	− 3.1	86	17	24	5	41	5.04	+0.42	1.81	T.	10	18	2	10	n.	V. W. St. John.
Morrilton	Conway	347	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Dilbeck.
Mountain Home	Baxter	800	6	56.8	.....	86	18	21	5	42	3.26	.....	0.74	T.	9	17	4	9	w.	B. S. Hulbert.
Mount Ida	Montgomery	730	19	59.6	.....	89	17	23	5	43	5.76	+0.19	3.40	0	7	11[a]	5[a]	13[a]	w.	G. A. Waittington.
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	6.78	.....	3.64	0	4	16	14	0	e.	Henry A. Davis.
Nail	Newton	2233	27	50.9[b]	− 5.6	87[d]	16	11[b]	5	33[b]	5.94	+0.75	1.30	T.	10	15[b]	3[b]	10[b]	s.	Charles Paxton.
Newport	Jackson	231	36	60.5	− 1.1	84	17	29	5	44	6.21	+1.45	1.36	0	9	14	10	6	nw.	George L. Robinso
Okay	Pope	1700	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service
Osceola	Mississippi	240	20	57.8	− 3.9	86	19	28	5	34	7.96	+4.06	2.80	0	7	10	5	15	.....	Atwood P. Smith.
Ozark	Franklin	377	24	59.9	− 2.6	88	17	25	5	39	6.07	+1.97	1.55	T.	8	6[a]	10[a]	13[a]	e.	Isham Burrow
Patterson	Woodruff	196	4	.....	.....	.....	.....	.....	.....	.....	6.77	.....	1.96	.....	6	16	4	10	s.	W. E. Baker
Pine Bluff	Jefferson	215	36	62.4	− 0.6	89	17	30	5	37	6.83	+1.63	2.21	0	7	12	5	13	s.	Roy H. Hammond
Pocahontas	Randolph	300	28	58.8	− 1.1	85	30	25	5	39	4.15	+0.43	1.15	0	8	12	10	8	.....	Benedictine Sisters
Portland	Ashley	122	14	63.3	− 0.3	90	16	32	5	34	9.09	+4.39	2.31	0	11	11	15	4	nw.	W. E. Edmiston.
Prescott	Nevada	327	38	62.6	− 0.2	88	17	27	5	39	5.21	+0.12	2.10	0	8	18	2	10	w.	S. T. White Jr.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	7.09	+0.91	2.50	0	5	5	21	4	se.	Foote Coleman.
Rison	Cleveland	243	18	61.5[a]	− 1.2	90[a]	17	28[a]	4	39[a]	6.33	+2.62	2.96	0	6	11[c]	6[d]	9[d]	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	29	56.6	− 1.6	86	17†	19	4	37	1.95	−3.29	0.95	0.5	9	13	9	8	sw.	Carl A. Starck.
Searcy	White	236	7	60.2	.....	87	30	26	5	36	3.73	.....	1.21	0	11	11	5	14	sw.	Miss Sarah Cypert
Sheridan	Grant	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Elsie. Glover
Springbank ††	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	4.37	−2.07	1.55	0	5	17	2	11	n.	G. Field.
Stuttgart	Arkansas	228	32	60.6	− 1.7	85	16†	27	5	33	6.22	+1.41	2.25	0	9	18	9	3	se.	H. A. Buerkle.
Subiaco	Logan	1050	23	59.6	− 1.3	86	21	21	5	36	4.33	+0.28	1.23	0	8	15	5	10	w.	New Subiaco Abb
Texarkana	Miller	332	38	63.2[a]	− 0.7	90	17	26[a]	5	36	6.35	+1.61	2.51	0	7	19	5	6	n.	H. S. Brashear.
Umpher ‡‡	Yell	2000	3	57.6	.. .	88	1	26	5	44	4.73	.....	2.00	0	7	18	3	9	s.	U. S. Forest Servi
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	5.95	.....	2.56	T.	9	16	3	11	sw.	Cheves. Bevil.
Warren	Bradley	206	25	62.5	− 0.3	88	17†	30	5	35	6.59	+1.32	2.14	0	7	13	13	4	e.	J. L. Kegg
Whitecliffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	6.88	+1.17	4.23	0	4	12	6	12	se.	Eulela M. Schirm
Wynne	Cross	250	12	60.6	+ 0.2	86	18	27	5	38	6.64	+1.24	1.78	0	9	14	3	13	s.	E. O. Allen.
State Means and Extremes				59.8	− 1.4	94	22	11	5	50	5.49	+0.89	4.30	T.	9	14	7	9	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post office addresses of these stations as follows:- Junction, RandolphLa.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark.

Daily Precipitation for April, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia ‖ ‡	Ouachita	.70								.35	.40						.51									1.35	1.70						5.01
Arkansas City ‖ ‡	Mississippi	1.17	.84		.14					.72			.14				1.28				.81	.45				2.07	1.60						9.23
Batesville ‖ ‡	White	.76		.82	.82	T.				.54			.79			T.	T.									.94	.84						4.69
Bebee	White	.02		.40			.60	.20			.08					.02									1.58	1.75						4.65
Bee Branch	Arkansas	.80		.20				.85	.45		T.	.60				T.	.10								1.35	1.10						5.45
Bentonville ***	‡ do			.39	.11			.44			.04	.04							.64	T.	.03	T.			28	.36	.09	T.	.12				2.54
Bergman	White										.35									.31						.30	1.07			.32			
Black Rock ‖	‡ do	.96	T.		.33	T.						.62					.12				T.	T.				.50	.92			.08	T.		3.53
Booneville	Arkansas	.47		.18	.02			.47	.58		.60	T.					.05			.03	.13				.01	1.83	.45						4.82
Brinkley ‖	White	.26			.46				.81			.66					1.72				.09					2.08	1.52						7.60
Calico Rock ‖	‡ do	.31			.35	T.			.01			.64	T.		T.		.02			T.		T.				.72	.55			.05			2.65
Camden ‖ ‡	Ouachita	1.12							.26			.33					.62									3.18	1.80						7.31
Centerpoint	Red			T.				T.			T.					.25								.75	4.30							5.30
Clarendon ‖	White	2.64			.10				.13			.58					.59			.10	.20					1.93	1.59						7.86
Conway	Arkansas	.48						.85			.31					.06					.05					1.75	1.33						4.83
Corning	White	1.38		.05	.17							.86					.35			.15						.34	.85			.15			4.39
Danville ‖ ‡	Arkansas	.50			.02							.58					.04									1.68	.86						3.68
Dardanelle	‡ do	.45			.05					1.16		1.50														1.30	.78						5.24
Dodd City	White	1.24		.30	.20	.20						.35														1.24				.26			3.79
Dumas	Arkansas	.98	.50	.02	.02			.02	.55			.23				1.09				.03					2.94	1.69	.02						8.09
Dutton	White	.14		.46	.01				.84	.61		.45								2.75	T.				T.		.41						5.67
Eldorado ‡	Ouachita	2.45								1.57							1.21				.13					2.50	.37	T.					8.23
England ‖ ‡	Arkansas										.40					1.10									1.83	3.13	T.						
Eureka Springs	White	.35		.40	.35				.25			.15	T.								.18					.90	.12						2.70
Fayetteville	‡ do	.05		.12	.36				.35	.31		.15	T.								.12	T.	T.	.15		1.35	T	T.					2.99
Fort Smith ***	Arkansas			.11	T.				.84			.30				.06			.21			T.			1.34	.54	T.		T.			3.40
Fulton ‡	Red	.47								.59			.18				.15								1.73	1.32							4.44
Georgetown ‖	White	1.90								.70			.76				.40				.03				T.	1.20	1.55						6.54
Gillett	Arkansas												.20			.27	.58				.10					3.00	2.45						
Grannis	Red	.61		.05					.03	.26		.18				.03	.74				.06		T.		1.55	3.12	.17						6.80
Gravette	White	*			.22	.05				.20	.22		.08	.07							.08	.03				.76	.03						1.74
Hardy	‡ do	.09		.01												T.								*		1.30			.02			1.42
Helena ‖ ‡	Mississippi	3.80	.48		.12					.46			.04				1.02				.94				T.	2.30	2.26	.04					0.56
Hogden ‖	White	.70		.90					1.15			.80				.15											1.15	1.00					15.85
Hope	Red									.30		.51				.14									T.	2.84	.27						4.06
Hot Springs	Ouachita	.10		T.					.08			.18	.14													1.95	1.98						4.43
Hattig	‡ do									2.20			.36				1.05			.01						1.60	.92						6.14
Jonesboro	White			.15	.65				T.				1.43			.10	.05				.80					.55	1.02						4.75
Junction	Ouachita	2.37		T.					1.63			.80				1.80									1.68	1.07	T.						9.55
Lewisville	Red																																
Little Rock ***	Arkansas	.15		T	T.				.45	.04		.40				1.63	.05			.01					1.15	2.68	.03						6.59
Lutherville	‡ do	.47		.06	T.				.96	.62		.19	.10				.04			.78						1.12	.70						5.04
Magnolia	Red	.41								1.74			.18			.43										2.97							5.73
Malvern	Ouachita	2.05							T.	.41			.87					.40								1.55	2.50						7.78
Mammoth Spring	White	.46		.12	.23							.15	.62			T.										.55							2.13
Marianna	Mississippi	2.00		T.				.20	.30				T.			1.20									2.00	T.							5.70
Marked Tree ‖ ‡	St. Francis	2.61			.93								.85				.47				.37					1.12	1.46						7.81
Marshall	White	.23		.08	.20	.08			.28	.45		.40	.68							T.	.28					1.12	.08			.06			3.94
Mena	Ouachita	.74		12	T.				T.	.37			.45				.87			.01		.04				1.81	1.12	01					5.04
Morrilton	Arkansas																																
Mountain Home	White	.28		.14	.15				T.			.47	.29							.74						.55	.48			.16			3.26
Mount Ida	Ouachita	.38		.18						.37		.10	.15													3.40	1.18						5.76
Murfreesboro ‖	‡ do	.58															1.08								1.48	3.64						6.78
Nail	White	.66		.31	.10				.77			1.30	.07			T.	.15			.90					1.22	.46						5.94
Newport	‡ do	1.36			.55					.49			1.00				.11	.45				.10				1.00	1.15						6.21
Okay	Arkansas																																
Osceola	Mississippi	2.80			.90		T.						1.00				T.				1.10	.01				1.00	1.15						7.96
Ozark	Arkansas			.36	T.			1.17	.68		1.39					.18			.44					1.55	.30							6.07
Patterson	Cache	1.96							.59			.98					.37									1.40	1.47						6.77
Pine Bluff	Arkansas	1.47							.35			.16					.62				.04	.06				2.21	1.92						6.83
Pocahontas	White	1.15		.15	.15							.60					.35									.60	.95			.20			4.15
Portland	Ouachita	1.48		.10			.16		1.16			.25				1.55					.55	.34				1.16	2.31	.03					9.09
Prescott	‡ do	.62						.01	.18			.29					.19									2.10	1.80	.02					5.21
Princeton ‖	Ouachita	1.30							.38								.41									2.40	2.50						7.09
Rison	‡ do			T.					.32			.40				.41				.10					2.94	2.16							6.33
Rogers	Arkansas	.19		.06	.35				.09			.07	.03							.21			T.		.06	.89	T						1.95
Searcy	White	.62		.06	.11				.45	.05			.99			.06	.03				.13					1.21	.02						3.73
Sheridan ‡	Ouachita																																
Springbank ‖	Red	.28								1.25			T.				.74									1.55	.55						4.37
Stuttgart	Arkansas	.68							.05			.42			.20	.73				.01	.03					2.25	1.85						6.22
Subiaco	‡ do	.44		.06					.79	.55		.49			T.					.09					1.23	.68	T.						4.33
Texarkana ‖	Red	.54							1.20	.95		.80			.20											2.51	.15						6.35
Umphers	Arkansas	.40		T.					.13			.55	.45				.10									2.00	1.10						4.73
Waldron	‡ do	.64		.96	T.				.31	.60		.71								.09					1.76	.76	.12						5.95
Warren	Ouachita	1.74								.74			.17			.65									.12	2.14	1.03						6.59
Whitecliffs ‖	Red	.40								.40																1.80	1.28						6.88
Wynne	St. Francis	1.78	.02		.05	T.		T.		.57			.70				.26				.30					1.57	1.39						6.64

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for April, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.3	14.2	13.7	12.8	11.3	9.9	8.6	8.0	9.0	11.0	10.3	9.5	8.6	8.3	7.3	6.8	6.4	6.4	6.2	6.2	6.4	6.4	6.4	6.2	6.7	8.8	10.3	11.0	11.3	10.2	
Dardanelle	‡ do	20	17.1	14.1	13.2	12.7	11.9	10.7	9.2	8.1	8.8	10.2	10.8	11.3	9.8	8.7	7.8	7.0	6.4	5.9	5.9	6.5	5.8	5.5	6.0	5.7	5.8	7.2	8.4	8.8	9.2	9.6	
Little Rock	‡ do	23	19.0	17.8	16.4	15.2	14.4	13.4	12.1	10.6	9.2	9.4	11.0	11.8	12.0	11.4	10.4	9.0	8.0	7.3	6.6	6.1	6.1	6.3	5.7	5.7	5.9	7.3	9.4	10.9	11.4	11.4	
Pine Bluff	‡ do	25	23.2	21.9	20.9	19.4	18.5	17.4	16.4	15.6	14.1	13.6	14.2	14.9	15.4	15.5	14.9	14.1	12.9	12.1	11.6	10.9	10.2	10.5	10.5	10.5	10.6	11.5	12.8	14.4	14.8	15.0	
Black Rock	Black	14	19.5	19.4	19.6	18.5	18.0	17.7	17.0	16.3	16.0	15.3	14.7	14.0	13.5	12.8	12.2	11.8	11.3	10.5	10.0	9.7	9.4	9.4	9.0	8.8	8.6	8.2	9.4	10.0	9.0	8.6	
Calico Rock	White	18	8.7	8.3	7.6	6.8	6.8	6.6	6.2	5.8	5.4	5.2	5.4	5.3	6.3	6.0	5.4	5.0	4.8	4.5	4.3	6.6	5.1	4.9	5.0	4.9	4.5	4.4	5.7	5.5	5.0	6.2	
Batesville	‡ do	23	17.0	16.0	15.0	14.4	13.5	13.5	12.9	12.4	12.0	11.6	11.8	12.5	12.0	13.0	12.3	11.6	11.0	11.0	10.7	10.8	12.1	11.6	10.9	11.1	11.0	12.0	11.6	12.7	11.9	11.8	
Newport	‡ do	26	27.1	25.7	24.4	23.5	22.7	21.6	21.1	20.7	20.3	19.1	18.3	17.8	17.5	16.9	16.8	16.6	15.9	14.3	13.0	12.4	11.2	10.8	10.6	10.1	10.0	9.8	10.3	10.4	10.5	10.2	
Georgetown	‡ do	22	24.9	25.5	25.4	25.2	24.8	24.3	23.8	23.3	22.9	22.5	22.2	21.9	21.7	21.6	21.4	21.2	20.9	20.6	20.3	19.9	19.4	18.6	17.8	16.9	16.5	16.8	17.3	17.9	18.0	17.9	
Clarendon	‡ do	30	27.8	28.3	28.8	29.2	29.5	29.5	29.5	29.6	29.6	29.5	29.3	29.1	29.0	28.8	28.6	28.5	28.3	28.2	28.0	27.8	27.6	27.3	27.1	26.8	26.7	26.7	26.7	26.5	26.4	26.3	
Helena	Mississippi	42	46.5	47.4	48.0	48.8	49.4	49.7	49.9	50.1	50.1	50.0	49.9	49.7	49.5	49.3	49.1	49.0	48.8	48.7	48.4	48.2	47.9	47.8	47.1	46.6	46.3	46.1	45.9	45.7	45.7	45.7	
Arkansas City	‡ do	42	47.5	48.7	49.7	50.7	51.4	52.0	52.8	53.3	53.7	53.9	54.0	54.0	54.0	53.9	53.8	53.9	53.8	53.7	53.6	53.4	53.2	53.0	52.8	52.5	52.4	52.3	52.1	51.9	51.6	51.4	
Camden	Ouachita	49	33.1	31.8	30.6	29.7	28.4	27.5	25.3	22.1	19.0	16.9	16.2	15.7	15.0	16.0	14.8	14.1	13.2	13.4	13.7	13.0	12.2	11.6	9.4	8.5	10.0	16.2	25.1	29.2	32.1	35.1	
Danville	Arkansas	20	12.8	14.1	13.2	14.4	11.4	8.1	6.3	5.8	6.2	12.6	10.1	10.6	12.2	11.4	10.9	10.1	8.3	6.7	5.6	4.4	3.8	13.6	3.2	3.0	5.2	18.9	21.2	21.8	20.2	17.1	
Fulton	Red	28	24.0	23.1	22.1	20.9	19.9	18.7	17.3	15.9	14.5	13.2	12.0	11.8	11.7	11.5	11.4	11.1	10.8	11.0	11.2	10.8	10.2	9.7	9.5	9.2	9.4	11.7	18.0	22.8	24.4	25.5	
Arkadelphia	Ouachita	18	5.0	5.1	4.8	4.4	3.8	3.3	3.0	2.9	2.5	2.9	2.5	2.9	2.9	2.8	2.6	2.5	2.4	2.9	2.7	2.5	2.2	2.1	2.0	1.9	2.2	16.0	19.9	17.6	8.5	5.6	
Patterson	Cache	9	8.6	8.6	8.5	8.4	8.4	8.5	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.8	8.8	8.8	8.7	8.6	8.5	8.4	8.2	8.1	8.0	7.8	7.9	8.1	8.3	8.3	8.3	8.2	

Daily Temperatures for April, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville §§	Maximum	79	59	60	46	48	72	68	69	67	63	70	51	56	66	66	83	77	84	84	78	84	79	77	73	57	68	60	70	77	83	....	69.0
	Minimum	52	40	36	43	27	28	38	42	45	32	34	47	30	32	40	56	49	48	65	60	47	58	49	45	51	54	47	34	44	59	....	44.4
Bentonville	Maximum	75	56	52	51	49	65	65	65	63	69	63	46	54	68	69	78	85	85	66	71	81	69	68	74	58	56	55	70	76	75	....	65.9
	Minimum	37	31	42	22	19	37	36	42	42	39	46	33	30	36	56	56	53	64	51	50	50	49	44	46	49	40	36	37	54	56	....	42.8
Bee Branch	Maximum	78	78	66	66	55	76	74	68	69	70	71	72	61	71	72	86	85	85	88	85	86	94	82	80	75	70	67	76	83	83	....	75.7
	Minimum	52	34	38	32	22	38	39	45	46	36	41	42	31	32	49	54	48	63	69	56	46	60	48	49	51	51	43	36	52	55	....	45.3
Bergman	Maximum	....	....	....	....	....	....	....	....	....	71	67	58	57	74	68	83	83	90	79	77	83	75	70	75	65	64	56	73	79	79	....	....
	Minimum	....	....	....	....	....	....	....	....	....	35	43	38	27	30	50	50	45	58	61	49	46	54	46	43	48	48	36	34	49	56	....	....
Booneville	Maximum	81	66	68	60	58	74	66	64	67	68	65	59	59	74	69	85	87	86	81	74	86	83	77	73	63	58	59	76	80	80	....	71.5
	Minimum	55	34	44	32	54	48	44	49	50	47	51	42	36	41	59	63	57	70	59	55	55	54	52	53	56	50	40	43	61	64	....	49.4
Brinkley	Maximum	67	65	70	74	64	53	73	70	79	66	67	75	67	58	68	71	84	88	86	85	80	85	80	82	74	65	66	64	73	79	....	72.5
	Minimum	55	42	47	47	27	39	41	50	41	35	42	41	35	35	48	54	52	66	71	60	50	62	50	50	52	54	49	38	51	59	....	48.1
Calico Rock §§	Maximum	69	63	55	46	50	76	65	71	68	68	70	49	57	67	65	80	77	84	85	80	85	78	76	75	57	72	59	72	79	86	....	69.5
	Minimum	54	39	39	42	25	26	39	40	41	33	34	47	32	32	35	57	51	53	67	57	48	58	55	44	50	54	45	36	45	56	....	44.5
Camden	Maximum	82	65	75	47	57	77	69	75	70	70	74	54	63	71	69	86	87	88	84	79	87	82	80	75	61	68	66	73	79	81	....	73 1
	Minimum	53	40	41	39	26	28	48	51	54	41	42	44	35	39	42	56	56	60	73	62	48	59	43	47	53	53	48	39	43	54	....	47.2
Conway	Maximum	82	72	65	61	52	75	75	66	67	67	72	68	58	72	66	85	82	85	85	78	86	75	79	76	69	68	62	74	80	81	....	72.8
	Minimum	53	37	42	36	27	41	43	52	51	38	44	45	36	37	52	56	54	64	67	60	48	56	48	48	56	54	48	39	36	60	....	47.6
Corning	Maximum	76	70	59	52	47	70	59	70	66	64	74	67	55	65	68	80	74	82	83	77	85	81	75	72	67	68	64	70	76	84	....	70.0
	Minimum	55	39	45	35	26	41	39	39	41	33	40	45	36	39	45	58	45	60	70	60	50	64	53	42	52	53	48	38	53	57	....	46.7
Dardanelle	Maximum	83	83	61	49	54	77	64	63	68	68	67	62	61	73	67	88	80	85	79	78	87	78	80	78	70	65	62	77	82	83	....	72.4
	Minimum	53	37	47	34	25	41	45	52	52	43	51	36	39	38	54	56	56	75	67	57	52	64	50	47	47	54	45	42	58	62	....	49.3
Dodd City	Maximum	81	76	58	44	48	71	61	69	68	68	66	59	52	68	67	79	77	84	82	76	83	82	72	72	70	67	60	70	80	80	....	69.7
	Minimum	50	30	39	25	18	33	33	36	40	31	44	39	27	29	52	43	46	59	63	50	45	53	48	41	49	45	33	31	50	54	....	41.2
Dumas	Maximum	68	62	72	67	54	74	69	70	64	66	75	70	58	68	70	86	85	86	85	86	86	84	80	76	64	64	64	72	78	84	....	72.7
	Minimum	50	43	44	40	31	42	49	53	55	39	43	40	39	36	53	63	50	72	73	65	52	60	49	49	53	58	51	40	50	59	....	50.0
Dutton	Maximum	76	59	55	55	47	72	63	66	65	66	66	55	52	66	68	80	82	84	75	72	80	73	71	74	58	61	54	69	76	80	....	67.3
	Minimum	51	27	37	25	16	37	35	36	47	33	31	34	25	29	53	49	51	66	59	49	43	51	41	38	48	46	36	33	49	57	....	41.1
Eldorado	Maximum	81	79	75	56	55	78	75	77	71	73	75	71	61	71	72	88	80	74	82	76	88	85	80	88	84	80	71	63	66	64	74	80	83	....	75.0
	Minimum	61	40	50	39	26	43	53	53	54	51	54	43	37	44	54	62	61	68	72	59	53	58	46	49	53	55	47	40	50	58	....	51.1
Eureka Springs	Maximum	77	59	55	46	49	67	69	68	67	73	63	62	56	72	71	81	88	88	81	72	82	77	71	74	65	57	56	62	78	78	....	69.1
	Minimum	53	30	41	25	17	42	34	42	41	38	46	37	28	35	54	57	48	59	59	50	52	49	46	46	48	44	35	36	52	62	....	43.5
Fayetteville	Maximum	76	70	57	52	50	67	62	61	65	69	66	61	61	67	69	80	84	85	74	69	80	80	69	74	69	62	54	70	75	78	....	68.5
	Minimum	55	29	44	27	18	48	37	48	46	41	41	38	30	33	55	58	59	67	58	48	50	49	46	48	48	44	35	40	53	62	....	45.0
Fort Smith	Maximum	78	63	60	58	58	72	62	57	68	68	68	50	58	73	72	83	88	86	70	72	86	73	75	72	60	56	58	75	80	80	....	69.3
	Minimum	42	36	46	30	27	43	45	51	51	48	47	42	36	40	56	57	60	67	59	55	53	55	49	51	52	46	40	44	60	62	....	48.3
Grannis	Maximum	79	60	74	62	55	76	65	70	72	68	68	60	62	70	68	84	86	82	76	73	85	75	78	71	64	64	60	72	77	75	....	71.0
	Minimum	53	31	44	32	21	39	49	53	52	39	46	41	28	34	54	61	60	67	55	52	42	53	40	53	44	49	40	36	53	60	....	46.0
Gravette	Maximum	....	63	62	52	48	50	65	65	63	64	70	66	62	59	70	71	79	86	85	80	75	85	69	75	67	54	55	70	72	72	....	67.4
	Minimum	....	32	28	44	26	15	45	36	41	40	38	48	43	24	32	56	53	54	63	56	42	49	36	43	49	43	34	37	52	60	....	42.0
Hope	Maximum	84	79	84	48	60	77	78	78	75	79	72	68	70	76	76	93	90	88	88	86	88	81	81	74	63	70	65	75	80	81	....	76.9
	Minimum	57	47	48	37	27	45	43	52	55	37	54	44	34	38	54	58	63	65	62	56	52	60	41	49	52	55	43	42	51	65	....	51.3
Hot Springs	Maximum	82	76	72	67	57	75	69	68	72	70	68	68	64	74	84	94	85	87	85	84	85	79	77	73	63	65	62	69	72	75	....	75.0
	Minimum	55	36	45	35	27	44	46	52	53	44	49	44	34	40	55	58	59	62	69	59	54	64	49	55	62	56	51	40	56	60	....	50.4
Huttig	Maximum	74	73	75	73	56	76	66	....	....	....	....	....	....	....	....	76	91	93	91	88	88	88	88	84	88	75	66	66	75	85	89	....	79.3
	Minimum	59	43	50	42	27	40	51	....	49	43	41	43	41	40	54	64	59	58	73	65	53	60	50	60	55	59	50	40	48	65	....	51.1
Hardy	Maximum	80	72	59	48	49	75	61	71	65	65	54	57	57	60	65	82	75	80	86	85	86	79	77	75	67	70	66	70	79	86	....	70.0
	Minimum	52	37	40	33	24	40	40	56	43	31	....	42	30	30	53	56	45	68	63	58	44	65	55	42	52	52	46	39	51	56	....	46.3
Jonesboro	Maximum	69	65	68	65	69	68	64	72	67	69	67	68	65	67	70	82	77	84	85	83	85	85	87	85	79	67	70	74	78	86	....	73.4
	Minimum	45	40	38	35	27	39	40	42	47	39	41	44	35	34	51	57	....	64	70	63	69	65	67	63	60	52	49	38	51	56	....	49.0
Junction	Maximum	73	72	76	65	55	75	76	78	72	68	73	70	62	72	76	88	90	86	85	87	84	76	74	66	70	67	70	74	78	86	....	74.8
	Minimum	57	46	50	41	27	40	50	60	51	47	49	46	39	46	54	62	69	71	70	66	60	63	44	51	54	51	40	46	50	52	....	51.7
Little Rock	Maximum	81	62	71	51	53	74	58	60	64	62	71	58	56	70	69	85	83	84	83	77	85	76	76	71	60	64	59	71	78	78	....	69.7
	Minimum	51	40	49	33	28	44	47	53	51	45	48	46	41	43	56	57	57	71	67	58	54	62	53	53	53	52	48	45	58	62	....	50.8
Lutherville	Maximum	89	71	68	55	58	75	62	62	67	65	62	58	58	68	65	82	80	83	80	74	84	79	77	71	67	62	60	75	79	80	....	70.5
	Minimum	50	32	44	31	23	38	40	48	50	41	46	46	36	37	53	54	55	67	62	55	52	52	49	52	49	49	41	40	51	52	....	46.3
Magnolia	Maximum	82	79	76	69	57	77	73	77	69	68	73	70	61	71	70	86	87	87	83	....	....	....	....	....	....	....	....	54	....	47	42	53	61	....	48.9
	Minimum	59	49	51	37	28	45	43	....	55	46	49	43	35	41	....	62	62	....	64	....	....	....	....	....	....	....	....	63	67	63	73	79	80	....	72.7
Malvern §§	Maximum	60	79	74	75	60	55	75	60	70	71	70	70	52	65	70	67	88	87	88	86	80	85	83	79	75	63	64	70	79	80	....	72.7
	Minimum	55	37	40	44	27	47	48	50	54	39	43	44	33	36	55	60	59	63	73	60	47	63	44	50	55	50	47	45	50	61	....	49.5
Mammoth Spring	Maximum	80	79	59	47	47	61	61	70	66	66	71	57	55	66	64	78	76	84	85	84	84	83	72	73	70	66	66	68	77	81	....	69.9
	Minimum	52	37	34	32	24	38	37	34	42	81	36	68	42	30	30	54	53	45	60	70	58	44	60	53	40	52	55	46	34	52	53	....	44.3
Marianna §§	Maximum	65	79	68	71	49	71	67	55	64	72	63	68	54	65	73	83	83	85	83	79	81	81	79	73	63	61	70	76	78	....	....	71.0
	Minimum	56	42	46	38	28	40	44	51	51	45	44	47	38	36	50	50	54	69	72	61	51	60	53	53	53	56	50	38	52	53	....	49.4
Marked Tree §§	Maximum	76	60	66	60	51	75	62	70	67	67	77	56	55	66	74	84	83	91	87	77	84	83	77	73	64	69	58	71	79	84	....	71.3
	Minimum	53	42	43	43	28	29	43	44	47	42	44	45	32	38	44	55	49	51	64	63	56	61	55	50	52	53	50	41	50	59	....	47.5
Marshall	Maximum	78	71	55	47	43	70	67	71	66	68	66	60	64	67	67	80	80	82	84	73	81	77	73	73	64	69	58	71	77	82	....	69.5
	Minimum	54	35	46	28	22	38	37	49	48	41	48	41	34	39	53	60	55	60	57	55	55	63	50	50	50	51	42	42	56	62	....	47.7
Mena	Maximum	78	64	71	66	65	74	68	70	68	76	67	55	60	70	67	83	86	85	76	73	82	79	75	74	60	60	57	72	76	78	....	71.2
	Minimum	53	32	41	30	24	44	46	50	51	43	50	40	33	34	55	57	58	66	58	53	41	57	43	42	51	48	40	38	55	61	....	46.4
Mountain Home	Maximum	81	75	56	47	49	73	62	71	65	69	67	57	55	69	63	80	75	86	85	76	85	76	72	73	65	70	57	71	80	82	....	69.7
	Minimum	55	33	39	27	21	40	38	37	42	32	40	41	29	30	50	54	46	58	67	54	46	60	50	42	51	50	42	33	52	54	....	43.8
Mount Ida	Maximum	83	75	76	56	59	77	61	71	68	70	66	65	63	72	68	88	89	85	83	78	83	80	80	76	67	65	62	75	80	76	....	73.2
	Minimum	62	32	36	33	23	39	38	49	52	35	45	43	28	30	58	60	52	69	68	53	42	61	40	39	52	52	42	34	58	59	....	46.1
Nail	Maximum	71	61	50	45	44	52	64	60	60	53	54	49	53	60	59	78	71	75	72	59	59	60	62	62	64	46	64	67	....	....	....	59.8
	Minimum	61	28	40	22	11	37	33	42	41	37	44	35	29	36	49	54	49	65	58	49	48	46	45	46	46	34	40	51	....	....	....	42.0
Newport	Maximum	78	67	66	57	51	73	68	71	66	65	73	68	57	66	67	78	77	84	82	81	81	81	81	74	69	70	66	70	78	83	....	71.6
	Minimum	59	41	40	45	29	41	42	47	46	39	43	46	36	38	52	58	49	62	73	69	54	65	54	50	53	54	48	40	55	62	....	49.4
Osceola	Maximum	68	68	64	64	54	60	68	60	75	68	68	74	70	60	64	74	80	79	86	83	76	82	84	79	75	66	67	62	70	76	....	70.8
	Minimum	52	41	43	36	28	34	34	40	43	36	36	48	33	34	37	50	48	48	61	64	54	54	54	47	47	52	54	39	39	55	....	44.7
Ozark	Maximum	81	63	61	58	55	77	73	63	71	68	67	60	61	72	85	82	88	82	74	86	84	74	62	61	61	76	60	68	64	80	....	70.6
	Minimum	52	34	47	33	25	43	41	52	50	49	49	44	31	37	52	59	69	62	54	51	45	46	52	54	58	50	52	64	60	62	....	49.2
Pine Bluff	Maximum	79	68	76	63	55	76	72	63	63	65	75	67	57	79	71	88	88	89	85	80	88	83	79	74	67	66	65	75	83	81	....	73.9
	Minimum	42	42	42	40	30	43	47	50	53	49	45	46	41	53	55	59	59	70	72	61	51	62	52	55	54	56	49	40	51	58	....	50.8
Pocahontas	Maximum	78	78	59	50	49	71	63	71	65	66	72	67	57	67	67	82	75	83	89	80	84	81	77	74	70	69	66	70	76	85	....	71.2
	Minimum	55	39	40	34	25	42	40	37	43	35	39	44	33	34	53	58	46	60	65	60	47	61	55	43	53	53	48	35	53	58	....	46.3
Portland	Maximum	70	67	77	70	54	75	68	76	69	65	78	70	58	72	77	90	85	88	86	81	86	85	79	74	70	66	65	75	81	85	....	74.7
	Minimum	61	45	50	43	32	42	51	52	56	43	45	48	43	38	50	61	60	71	73	62	53	59	52	53	54	60	51	42	50	57	....	51.9
Prescott	Maximum	82	77	77	73	57	76	74	76	70	70	71	71	64	72	67	86	88	87	85	78	87	82	78	71	70	70	69	75	80	76	....	75.1
	Minimum	60	38	44	36	27	45	50	52	55	42	43	42	36	39	55	63	57	70	72	60	50	60	45	54	53	54	46	40	52	59	....	50.0
Rison	Maximum	77	66	74	51	66	76	72	77	69	69	71	56	61	72	76	86	90	89	85	82	88	85	75	76	61	62	....	50	58	82	....	74.1
	Minimum	38	45	41	28	34	48	48	52	41	44	44	32	40	52	58	60	71	76	59	52	58	47	48	53	55	42	....	50	58	61	....	49.5
Rogers	Maximum	77	64	53	47	58	64	67	66	66	71	64	63	56	69	73	79	86	86	82	71	82	77	70	75	69	54	55	71	78	77	....	68 7
	Minimum	55	29	44	27	19	44	36	44	42	39	49	38	29	32	57	57	57	62	53	48	50	49	45	45	49	45	36	38	52	63	....	44.4
Searcy	Maximum	79	68	64	56	50	74	72	72	64	65	73	67	58	70	68	85	82	85	84	80	85	80	81	75	69	66	64	77	77	87	....	72.6
	Minimum	55	40	41	35	26	39	41	50	46	39	41	46	34	35	52	55	55	64	72	58	52	61	45	49	53	54	48	36	53	55	....	47.7
Stuttgart	Maximum	71	66	69	63	54	74	71	62	64	65	73	68	57	67	70	85	85	85	83	79	84	81	78	73	67	66	64	72	77	79	....	71.8
	Minimum	58	41	44	38	27	41	45	50	51	37	44	46	37	37	54	57	57	70	71	62	52	56	48	51	55	56	50	41	52	57	....	49.5
Subiaco	Maximum	81	71	60	54	55	75	65	64	68	68	64	62	59	72	69	84	84	86	82	74	86	82	77	74	64	60	60	76	82	82	....	71.3
	Minimum	51	35	45	32	24	40	43	49	51	42	47	42	35	36	57	58	56	69	63	55	48	59	51	52	51	51	41	42	56	58	....	47.8
Texarkana	Maximum	83	77	78	65	62	80	72	80	72	72	72	69	65	72	69	89	90	88	86	79	88	81	82	84	62	68	66	73	80	82	....	76.2
	Minimum	57	37	51	....	26	49	54	56	55	45	50	42	35	41	58	63	63	73	70	59	59	60	45	53	50	55	43	42	55	62	....	50.3
Umphers	Maximum	88	71	66	58	51	71	68	62	60	65	61	56	54	51	66	81	84	81	75	71	80	78	71	72	67	59	55	70	74	75	....	68.0
	Minimum	44	33	44	32	26	44	44	50	50	41	47	41	36	32	36	57	55	69	66	55	48	60	51	52	50	51	41	41	57	62	....	47.2
Warren	Maximum	72	69	73	69	55	75	71	75	68	68	75	70	61	74	70	87	88	88	83	81	87	85	80	72	61	63	64	73	79	83	....	73.9
	Minimum	56	42	49	40	30	43	51	55	55	41	44	46	41	40	51	63	58	72	73	63	52	59	54	51	54	57	48	41	49	56	....	51.1
Wynne §§	Maximum	69	63	56	51	51	71	67	70	63	64	74	65	56	67	71	85	80	86	85	82	72	83	81	74	67	65	63	74	78	84	....	70.9
	Minimum	62	41	43	37	27	45	41	51	47	36	55	47	36	36	52	56	50	70	73	63	53	60	52	51	51	55	50	41	56	60	....	49.9

NO PRECIPITATION

NO PRECIPITATION

Scale of Shades.

0 to 1 inch.

1 to 2 inches.

2 to 4 inches.

4 to 6 inches.

Over 6 inches.

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WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

ARKANSAS SECTION

MAY 1920.

BY
HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
August 20 1920.

Departure of the Mean Temperature from the Normal, May, 1920.



. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., MAY, 1920. No. 5.

GENERAL SUMMARY.

e outstanding characteristic of Arkansas' weather during nonth of May was the positive departure from the normal in temperature and precipitation; all stations except Dodd Marion County, showing positive temperature departures ll except eight, postive precipitation departures. May 1892 907 each had 13 rainy days, exceeding this month by one, he cloudy days in 1892 were one more than this month's. greatest monthly amount of precipitation, 15.32 inches ured at Marshall, Searcy County, has been exceeded only during May, when 23.50 inches fell at Howe, (now Center-,) Howard County in, 1905.

eavy rains falling on wet soil in most sections of the State, ther with low temperatures the first half of the month, de- cotton planting and in the extreme eastern sections, very was planted even at the end of the month. Considerable nting was necessary because of poor seed but during the half of the month higher temperatures and more sunshine favorable and cotton made considerable improvement though quite grassy in most sections at the close of the month. wheat, oats, meadows, pastures, potatoes, and truck made actory advancement. The late frost in April together with rains and inadequate sunshine this month materially in- strawberries, only about half a crop being marketed.

W. C. H.

TEMPERATURE

e mean temperature for 58 stations in Arkansas was 70.8° 43 stations having a record of ten years or more the mean .8° above normal. The highest monthly mean was 75.6° at ig and Junction, Union County; the lowest, 65.5° at Nail, on County. The highest temperature during the month, 96°, red at Bee Branch, Van Buren County on the 24th at Junction, on the 27th. The lowest was 39° at Nail on 14th. The greatest daily range was 38° occurring at Berg- Boone County the 18th and also at Junction on the 1st.

PRECIPITATION

ain fell in the State of Arkansas every day during the month of the average for the 74 stations reporting being 8.16 inches. 3 stations having a 10 year record or longer, the average was inches above normal. The greatest monthly amount, 15.32 es, was measured at Marshall, Searcy County, the least 2.12 s, at Fort Smith, Sebastian County. The greatest 24 hour was 7.28 inches at Grannis, Polk County, on the 12th. No fell during the month.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level)					Wind.				Relative Humidity		Percentage of sunshine
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 A. M.	7 P. M.	
Bentonville..	29.96	30.27	14	29.66	12	3,684	20	n.	6	85	.....	40
Fort Smith...	29.92	30.22	14	29.65	2	5,515	34	e.	15	82	60	64
Little Rock..	29.95	30.24	14	29.71	2	5,685	47	n w.	4	85	68	51

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms: 1st, 2; 2d, 5: 3d , 9; 4th, 9; 5th, 6; 7th, 6; 10, 3; 11th, 7; 12, 7; 13th, 3; 16th, 1; 18th, 1; 19th, 2; 20th, 6; 21st, 3; 24th, 4; 25th, 1; 26th, 1; 28th, 6; 29, 11; 30th, 10; 31st, 2.

Solar Halos:– 11th, 1; 14th, 1; 18th, 1; 27th, 2.

Lunar Halos:— 2nd, 1; 8th 1.

Dense Fog:— 18th, 2.

Hail:– Bentonville, 1st, 5th, light: 20th, moderate; 29th light; Bald Knob, 12th, heavy: Eureka Springs, 3d, 4th, light; Grannis, 11th, light: Gravette, 4th, 20th, light: Marshall, 2d, 3d, moderate: Ozark, 20th, heavy: Prescott, 12th, light: Batesville, 4th, light: Morriton, 12th, heavy: Searcy, 12th, heavy: Gillette, 30th, light: Hardy, 29th, 30th, light.

COMPARATIVE DATA FOR ARKANSAS---- MAY.

Year.	Temperature.				Precipitation.		Number of Days.			
	Monthly average	Departure	Highest.	Lowest	Monthly average.	Departure.	clear.	Partly cloudy	cloudy.	Precip .01 ormore
1891.....	67.0	−2.4	97	36	2.78	−1.17	15	9	7	17
1892.....	67.8	−1.3	100	32	9.52	+4.65	8	11	12	13
1893.....	68.6	−0.5	94	38	9.71	+4.84	14	8	9	11
1894.....	70.1	+1.0	95	35	3.40	−1.47	12	12	7	7
1895.....	69.0	−0.1	97	36	3.91	−0.96	13	11	7	8
1896.....	74.3	+5.4	98	46	3.54	−1.34	15	10	6	7
1897.....	68.3	−0.7	98	33	2.13	−2.75	17	9	5	5
1898.....	72.1	+3.4	100	30	6.44	+1.37	16	9	6	7
1899.....	72.9	+3.0	96	44	6.45	+1.97	10	12	9	10
1900.....	69.3	−0.7	97	37	3.69	−0.90	12	12	7	9
1901.....	68.2	−1.8	100	31	2.95	−1.65	12	13	6	7
1902.....	73.2	+3.1	100	42	4.34	−0.57	12	12	7	8
1903.....	67.5	−2.4	96	24	7.47	+2.36	9	11	11	12
1904.....	67.1	−2.3	98	31	3.39	−1.34	13	12	6	8
1905.....	70.7	+1.1	98	38	9.58	+4.65	9	11	11	12
1906.....	68.8	−0.8	100	28	4.71	−0.71	15	8	8	8
1907	63.8	−5.0	91	31	9.48	+4.32	7	13	11	13
1908.....	70.0	+0.3	96	30	7.05	+2.00	8	13	10	10
1909.....	67.0	−2.8	92	28	6.76	+1.49	14	9	8	10
1910.....	66.0	−3.7	95	31	6.56	+1.36	12	10	9	11
1911.....	70.8	+1.0	101	26	1.11	−4.28	19	10	2	3
1912.....	69.9	+0.6	98	32	2.41	−3.21	15	11	5	6
1913.....	69.3	+0.1	99	35	3.32	−2.07	16	10	5	7
1914.....	69.5	+0.3	97	34	3.34	−2.16	12	13	6	6
1915.....	69.9	+0.3	101	34	5.58	+0.54	12	9	10	9
1916.....	71.6	+2.5	99	34	3.56	−1.74	18	7	6	6
1917.....	68.5	−5.6	97	31	3.15	−1.93	15	7	9	6
1918.....	72.2	+3.4	102	29	3.01	−2.02	17	8	6	4
1919.....	66.8	−2.3	96	38	6.01	+1.11	9	9	13	12
1920.....	70.8	+1.3	96	39	8.17	+2.86	11	9	11	12

Climatological Data for May, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit). Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Arkadelphia	Clark	250	24	.....	.....	.....	.....	.....	.....	.....	6.65	−0.51	2.00	0	10	14	0	17	SW.	F. J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	11.73	−7.81	2.15	0	16	11	6	14	e.	G. E. Payne.
Bald Knob	White	229	1	.....	.....	.....	.....	.....	.....	.....	8.66	.....	2.65	0	15	8	18	5	s.	Allen Moody
Batesville	Independence	277	21	68.6	− 0.2	91	23	47	9	31	11.06	+6.72	2.06	0	14	10	0	21	.....	Mrs. Leia I. Teter.
Beebe	White	250	1	.....	.....	.....	.....	.....	.....	.....	6.03	.....	1.90	0	13	.....	.....	.....	se.	Ben Allen
Bee Branch	Van Buren	.....	14	71.6	+ 3.2	96	24	47	14	33	12.00	+7.46	4.00	0	15	2	10	19	.....	J. E. Scanlan.
Bentonville	Benton	1,538	23	67.4	+ 1.0	87	26	43	14	30	5.84	+0.62	1.70	0	16	7	10	14	s.	U. S. Weather Bureau.
Berryville	Carroll	1324	18	66.8	+ 1.7	89	23	40	13†	38	13.32	+8.70	3.32	0	12	11	8	12	se.	John T. Maxey.
Bingham	Boone	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.52	+6.80	2.80	0	14	13	3	15	s.	S. J. Howe.
Black Rock	Lawrence	259	6	.....	.....	.....	.....	.....	.....	.....	2.98	.....	0.95	0	8	10	11	7	s.	Supt. Tuberculosis Sa
Booneville	Logan	.....	38	71.9	.....	91	31	49	15	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brinkley	Monroe	226	16	71.3	+ 1.5	93	23	48	15	31	11.72	+7.02	2.72	0	19	8	14	9	s.	H. L. D. Whitson.
Calico Rock	Izard	361	34	68.8	.....	92	23	47	14	31	7.59	−3.31	1.85	0	15	12	9	10	.....	J. M. Richardson
Camden	Ouachita	168	23	72.4	+ 1.2	90	23	52	9	31	7.92	+2.41	1.90	0	10	10	4	17	ne.	A. B. Quarterman
Carlisle	Lonoke	470	16	72.1	+ 0.8	91	26	53	10	31	8.27	−1.53	2.29	0	9	12	8	11	s.	C. M. Huddleston.
Centerpoint	[illegible]	171	36	.....	.....	.....	.....	.....	.....	.....	9.92	+4.85	3.70	0	11	7	13	11	e.	E. M. Wheatly.
Clarendon	[illegible]	209	28	71.2	+ 1.7	91	21†	50	9	30	7.82	+2.67	2.07	0	13	11	5	15	e.	E. E. Corathey.
Conway	Faulkner	399	5	69.4	+ 1.0	91	22	43	14	34	3.82	−5.47	2.75	0	13	11	10	10	e.	N. E. Skinner
Corning	Clay	298	31	.....	.....	.....	.....	.....	.....	.....	6.21	.....	1.75	0	9	20	2	9	.....	J. R. Avera.
Danville	Yell	337	38	71.1	.....	92	21†	51	9†	30	7.96	−2.50	1.98	0	16	7	16	8	e.	C. H. Weiser.
Dardanelle	Yell	360	38	71.1	.....	92	22†	42	14	33	6.03	+1.51	1.30	0	18	6	22	3	sw.	Neal Dodd.
Dodd City	Marion	1175	12	66.6	− 0.7	86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dumas	Desha	162	18	73.3	.....	95	23	51	9	31	11.40	+7.11	7.19	0	15	0	26	5	.....	Ben. Johnson.
Dutton	Madison	1500	16	66.0	+ 1.7	89	26	43	14	34	6.48	−1.38	0.81	0	16	9	15	7	s.	[illegible] M. Lancaster.
Eldorado	Union	265	13	73.8	+ 2..	93	23	54	10	32	4.52	−3.65	1.34	0	8	7	13	11	s.	Mrs. Virgil N. Walls.
England	Lonoke	229	18	72.8	+ 3.3	93	22	51	9	32	6.77	−1.89	1.33	0	14	11	9	11	se.	S. F. Bradley.
Fayetteville	Washington	1451	34	57.9	+ 1.0	89	26	43	14	32	8.86	+2.62	1.95	0	12	11	3	17	s.	[illegible] of Arkansas
Forrest City	Saint Francis	221	28	73.4	+ 2.2	92†	11	53†	10	28	8.47	−1.01	2.00	0	10	12	5	14	s.	[illegible] & N. Coon Depo
Fort Smith	Sebastian	481	34	72.2	+ 2.5	91	31	48	15	29	9.14	+2.58	2.60	0	8	12	7	12	s.	F. J. Logan.
Fouke	Miller	264	7	.....	.....	.....	.....	.....	.....	.....	7.14	.....	1.60	0	12	14	2	15	.....	Charles Hilburn
Fulton	Hempstead	260	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgetown	White		2	74.5	.....	96†	25	51†	8	31†	13.57	.....	3.55	0	10	23	2	6	se.	H. E. F. Loesch[illegible]
Gilbert	Arkansas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grannis	Polk	921	22	69.2	.....	96	25	47	15	31	15.21	.....	7.58	0	13	19	1	8	s.	Fr. F. C. Tarrus
Grayette	Benton	1250	23	67.4	− 1.8	88	26	46	14	35	4.98	+0.93	1.44	0	14	5	11	10	s.	A. F. Gayou.
Hardy	Sharp	643	49	69.0	+ 1.7	91	23	44	14	30	6.00	+1.89	2.00	0	6	15	12	4	se.	Miss Ada Macdon.
Harrisburg	Poinsett	182	2	.....	.....	.....	.....	.....	.....	.....	8.58	3.81	1.84	0	15	10	7	14	s.	[illegible] J. Nowell.
Helena	Phillips	235	38	.....	.....	.....	.....	.....	.....	.....	1.98	.....	0.60	0	11	16	0	15	.....	Chas. Smothers.
Hope	Clarke	345	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	8	18	6	7	se.	N. P. O'Neal.
Horatio	Sevier	377	28	73.4	+ 2.2	92†	11	53†	10	28	8.47	.....	1.70	0	10	12	5	14	s.	T. & N. Coon Depo
Hot Springs	Garland	600	12	73.9	+ 3.0	96	26	52	9†	30	4.77	−1.83	1.20	0	9	8†	12†	11†	.....	[illegible]
Huttig	Union	.....	25	75.0†	+ 4.0	97†	25†	54†	10	31	7.57	−2.74	2.00	0	9	15	5	11	s.	Farmers Cotton Growers
Jonesboro	Craighead	345	27	70.0	+ 0.9	92	25	46	14	28	9.04	−2.44	2.00	0	9	16	6	9	s..	J. A. Lowderback.
Junction City	Union	182	18	75.6	+ 4.0	96	27	53	1	35	5.72	1.0	2.72	0	9	.....	.....	.....	.....	.....
Lewisville	Lafayette	282	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. H. Frierson.
Little Rock	Pulaski	286	26	70.9	+ 0.9	89	23	50	15	24	8.48	+4....	2....	0	15	10	12	9	e.	..... Agricul Bure
Lockesburg	Sevier	375	2	69.8	− 2.3	89	24	48	14	25	8.12	2....	1....	0	15	13	8	10	e.	H. Kaufmann.
Madison	Madison	253	2	.....	.....	90†	25	52†	10†	38†	6.58	.....	1.50	0	8	5	22	3	s.	[illegible] Agriculture Sch
Magnolia	Columbia	315	37	73.5	.....	.....	.....	.....	.....	.....	5.03	.....	1....	0	9	9	6	14	s.	Knox L. Smith
Magazine	Logan	1000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malvern	Hot Spring	277	15	70.4	+ 0.9	90	25	49	15	36	8.03	.....	1....	0	13	6	12	9	s.	W. S. Vincent.
Mammoth Spring	Fulton	515	9	67.6	+ 0.9	89	23	43	14	34	5.40	.....	1....	0	11	12	11	8	s.	[illegible] Wilson
Marianna	Lee	225	15	71.8	.....	91	22	51	9†	30	7.39	.....	2....	0	11	.....	.....	.....	.....	[illegible]
Marion	Crittenden	235	5	71.3	.....	91	22†	51	14	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marshall	Searcy	1083	32	68.8	.....	90	22	49	15	30	8....	2....	2....	0	12	11	6	14	e.	[illegible] W. St. John.
Mena	Polk	1284	2	69.0	− 1.5	89	25	49	15†	35	8....	2....	2....	0	.....	.....	.....	.....	.....	.....
Morrilton	Conway	347	6	.....	.....	90	25	45	14	34	.....	.....	1....	0	15	7	2	22	s.	[illegible] S. Hayes.
Mountain Home	Baxter	960	19	67.6	.....	92	25	46	9	35	.....	.....	2....	0	13	12	5	14	s.	[illegible] A. Washington.
Nashville	Montgomery	520	4	70.6	.....	92	25	46	9	35	.....	.....	1....	0	8	15	0	16	e.	Henry A. Davis.
Newport	Jackson	207	27	.....	.....	.....	.....	.....	.....	.....	11.0	.....	.....	.....	.....	3	7	11	.....	[illegible] Foxton.
Pine Bluff	Jefferson	237	26	73.8	+ 2.5	94	23	51	9	30	4.1	−0.16	1.73	0	13	12	7	12	se.	[illegible]
Pocahontas	Randolph	300	28	69.6	− 0.5	90	23	45	14	32	10.85	+4.15	2.30	0	14	9	21	10	.....	Benedictine Sisters.
Portland	Ashley	122	10	71.2	− 31.5	91	22	54	9†	27	1.91	−4.98	0.45	0	1	11	14	6	s.	W. F. Edmiston.
Prescott	Nevada	327	38	73.1	+ 2.2	91	25†	53	9	30	8.01	+3.40	2.00	0	11	17	3	9	e.	S. T. White Jr.
Quitman	Cleburne	552	12	.....	.....	.....	.....	.....	.....	.....	4.50	−1.52	1.0	0	7	20	0	11	sw.	Foote Coleman.
Princeton	Dallas	243	18	73.5	+ 2.5	94	25	51	8	29	5....	+1.0	1....	0	12	6	12	13	s.	Geo. H. Tisdale.
Rison	Cleveland	180	29	67.8	+ 1.7	87	22†	41	14	34	5.61	0.50	2.50	0	12	6	12	13	s.	Carl A. Starck.
Rogers	Benton	1230	7	70.6	.....	90	25	50	14	34	9.56	.....	2....	0	19	7	7	17	ne.	Miss Sarah Cypert.
Russellville	Pope	350	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[illegible] Glover.
Searcy	White	225	8	.....	.....	.....	.....	.....	.....	.....	5.67	−3.75	2.35	0	11	16	0	15	.....	[illegible] Field.
Stuttgart	Arkansas	220	32	72.1	+ 2.3	93	23	51	10	26	6.84	2.00	1.50	0	10	17	9	5	ne.	H. A. Buerkle.
Subiaco	Logan	1050	22	71.6	− 1.8	91	11	49	15	31	4.46	−1.62	0.50	0	14	11	12	5	se.	New Subiaco Abbe
Texarkana	Miller	382	38	74.1	+ 2.9	92	25†	53	10†	28	9.35	3.0....	1.35	0	10	15	3	15	s.	H. S. Brashear.
Umpher	Newton	2000	3	68.7	.....	88	6	49	14	30	7.15	.....	1.52	0	11	17	10	4	s.	[illegible] Forest Service
Van Buren	Crawford	473	.....	.....	.....	.....	.....	.....	.....	.....	4.98	.....	1.71	0	9	9	7	15	s.	Cheves, Bevil.
Warren	Bradley	203	25	73.0	+ 2.0	92	25	52	29	27	1.50	−0.61	1.0	0	8	8	15	7	s.	[illegible] L. Kelly
Watson	Desha	.....	15	.....	.....	.....	.....	.....	.....	.....	9.49	−3....	2.0	0	7	12	7	12	s.	Gilbert M. Schirme
Whitecliffs	Little River	250	32	72.0	+ 2.	93	22	50	10	32	5.0....	3....	2.21	0	15	10	5	16	s.	[illegible] O. Akers.
Wynne	Cross	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
State Mean and Extremes	.....	.....	.....	70.8	+ 1....	96	24†	31	11	38	8.17	−2.86	7.28	0	32	11	9	11	s.	

[illegible] Temperature and precipitation are computed only for such stations as have records for the entire month; but all complete reports are used in determining extremes. [illegible] in the precipitation columns. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in averages and totals. [illegible] in the precipitation columns for days missing; for example, " represent two days missing. †Also on one or more earlier dates. [illegible] Addresses of observers at stations as follows: June[illegible] Randolph La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark.

Daily Precipitation for May, 1920.

tions.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
elph a	Ouachita					.30	1.80	.30			.40	.50	.55			2.00								.50				.10	.20			6.65
as City	Mississippi		.40	.55	.17	.11	1.46	.60				.82	2.04			.03	2.10	.13	.03				2.15	.02					.63	1.09	11.73
Bluff	White	.20		.70	.60	.64	.06	.03			.15		2.65			2.25		.08		.10	.11			.16				.12	.81			8.66
	do		T.	1.01	.91	.67	1.44	.04				.07	.70			1.09	2.06			.74	.23			.53					1.46	.08	11.06
	White			.56	.57	.69	.03	.40			1.90					1.70		.02		.03				.02	.10		.06			.04	6.02
anch	Arkansas			.40	.90	.15	.25	.45			.25	4.00	.15			2.50				.60	.55			.35				.10		1.10	.25	12.00
ville	do	.36	.03	.15	.25	.32	.50				T	.04	.13	T.	T.	.55	.04											.04	1.37			5.84
an	White			.50	3.35	.84	2.00					.28					.40			.76	3.43				.31	1.07		.22		.16	13.32
Rock	do			1.35	.95	.45	.33	T.	T.			.25	.56				.96	1.67	.03	.58	.31		T.		.85				2.80	.42	11.52
ville	Arkansas						T.	.08			.07	.53	.54			.95	.16							.32			T.	.33			2.98
ey	White			.75	.43	2.72		T.	.22				.90	.65			2.10	2.52			.21	T.								1.21	11.72
Rock	do		.05	.61	.72	.62	.42	.10				.28	.51		T.		.30	.80		.45	1.80			.10				.56	.07	7.39
n	Ouachita					.54	1.25	1.32	.05			1.27	.89			.64	.04											.02	1.90	7.92
oint	Red				.57	.35	1.53				.75	.50	1.12		T.	2.25	T.										1.30		T.		8.27
ood	White			.60	.22	1.33	.10	.16					1.22	.69			1.02	3.70			.03										.84	9.92
y	Arkansas		.31	.34		1.04	.12	.08				1.45	.26			2.07	.97		.06					.02				.74	.15			7.59
g	White			.35	.20	.83					.10		.32				1.57	2.17	2.75	.34	.23			.06						.51	.09	9.52
ie	Arkansas					.84	T.	.15			.40	1.76	.46				1.56	.30							.18	T				.56		6.21
ke	do			.08	.17	.78	.03	.48			.58	1.90	.28				1.24	.76							.09	.05		.25	.07	.90	.20	7.96
City	White		.06		.25	.37	.91	.38	.41		.07	.09	.10	.03			.67	.05		T.	.34	1.49						.18	.33	.53	.07	6.63
s	Arkansas		.30	.89	.12	.02	.35	.38	.02	.02		1.20	.73	.02			1.19	7.19							T.	T.		.04	.25			11.50
n	White		.22	.39	.35	.04	.80	.36			.24	.09		.46			.70	.14	.03		.84							.28	.28	.24		5.48
nd	Ouachita					.31	.85	.95	.06			1.34					T.	.70	.23											.08	4.52
nd	Arkansas			.33	.42	.98	.22	.35			.11	1.33	.44			.92	.51	T.					.03				.68	.04	.02			5.77
a Springs	White				.71	.57		1.95	.46		.21			.72		.31	.16			.11	.92	.43					.65	1.04	.36			8.66
ter	do		.05	.32	T.				.88			.02		.08		.75	.04	T.		.02	1.56	T.					.58	1.27				5.95
ood	Arkansas							.06			T.	.09			T.	1.13	.01			T.	T.			.20			.10	.18	.55			2.12
n	Red					.40	.90	1.80				.14	1.27	1.74			2.60												.20	T.			9.14
Bend	White			.68	.54	1.10		.16				.19	1.60	.20			1.34	.80			.15	.17								.20		7.41
t	Arkansas			.28	.45	.50		.38					2.75	3.22			3.33	1.92							.51					.23		13.37
ds	Red		.01			.11	.35	.50			.23	1.86	7.28		.06	1.82	1.42	.82									T.	.66		.39		15.21
ile	White		.22	.16	.14	.41	T.	.41	.02		T.	.22	.23	T.		.68	.22	T.	.53		.25	T.		.62					1.44			4.98
g	do			1.24	.88	1.20											.27												1.00	2.00		6.05
ell	Mississippi			.50	.34	.89	.15	.02	.48			.64	.96				.62	1.44	.04			.01						T.			1.22	8.25
R	White		.60	1.10	.85	.20						2.45					1.85	1.25			.18									1.75		11.08
	Red					.40	.80	2.18			.42		2.33				1.90											.02				8.35
prings	Ouachita						.57	.69				.66	4.50			.40	2.68							.16				.15	.18	1.46		11.16
	do					.53		.22	1.07				.13	.16			3.30	.75											1.18	.05		7.17
ro	White		.55	1.30	.80						.03						2.34	2.05	1.59		.75				T.					.15		9.34
	Ouachita					.30	.47	2.27	.57					.05		.21	.69												.38	.35		5.72
sv	Red																																
Rock	Arkansas			.27	.03	.27	.10	.06			.30	1.03	2.08			.66	2.69			.01				.26	.11		.11	.10	T.			8.18
	do			.75	.75		.45	.37				1.52	.86	.95			73			.20				.75			.57	.12	.28			8.07
ha	Red					.67	.88	1.95					1.29			.22	.72							.21			.14					6.06
n	Ouachita					.39	.17	.60	T.			.17	1.50	.39			2.60	.30												1.37		8.00
ng Springs	White	.30	.02	.58	.30	.51						.25	.25				1.18	.42			.86	.49								2.40	.70	8.30
ms	Mississippi			.59	.19	.30	T.	.80				1.09	1.00			.80	1.50				.10									.50	.30	6.99
e Tree	Arkansas			.23	.02	.58	.06	.41	.04				1.39	.84			2.58	.57									.08			.10	.02		4.91
ood	White			.40	.60	.05						.15	.35				2.30	1.15	.30		.80	.35		1.70						.50	1.30	.20	8.85
ff	Ouachita					.12	.32	.61	.29			.23	.89	.75			.19	5.48	3.58					.86	.10				.05				13.91
od	do					.62	.14	1.85	.04			.58	1.43	2.00	.01	T.	1.46	.02												T.	.12	8.51
	Ouachita					.42	.24	1.30					.78	.37				T.											.60			4.30
n	do		.34		.22		1.10	.03			1.69		.42			.95	.20							.06			.10	.15	.12			5.55
rs	Arkansas	.62			.50	.02	.52				.23		.04			.52						.20	2.56	.05			.31	.21				5.83
y	White			.38	.35	1.90	.02	.95				.06	2.00			.01	2.06	.05	.25		.30	.11		.18	.01		.50	.09	.41	.62		9.36
	Ouachita																																
	Red					1.30	.22	.35	.02		T.		.08	.30		.18	1.81									1.08			.40		.20	8.67
ood	Arkansas		.29	.38			.07	.13					1.56				1.43	1.26							T				.11		6.84
	do					T	.46	.06			.97	.09	.50	.30		.97	T.			.25				.31	.05		.26	.02	.19		.02	4.46
ka	Red					1.30	1.35	.68					1.20	.85	.08	1.04	1.95											.80		.30		9.55
	Arkansas					.05						1.08	1.72			1.40	1.03							.12	T.		.04	.34	.90			7.19
ood	Ouachita						.04	.66			.12	.92	.05			1.06								.11			1.71	.36	T.			4.98
			.06		.21							.82	.32		T.	1.10	.35								.13		T.	T.	T.			4.79
											1.49	1.80	2.00			2.00									T		.80		T			9.10
	So. Fork		T.						T.			.86	.10			1.70	2.22	.02		.51	.11			.02					.04	.23		9.61

[1] as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. [2] Regular Weather Bureau station: precipitation is for 24 hour period, midnight to midnight. ‡ separate dates of falls not recorded. Precipitation included in the next following measurement. Precipitation measured in the morning: amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for May, 1920.

Stations.	River.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		22																															
	do	20																															
		25																															
Bluff	do	25																															
	Black	14																															
	White	18																															
	do	25																															
	do	26																															
		22																															
	do	50																															
	Mississippi	42																															
s City		32																															
		49																															
		20																															
		28																															
adelphia	Ouachita	8																															
	Cache	9																															

Daily Temperatures for May, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville §§	Maximum	75	83	76	84	75	73	78	72	78	80	79	76	67	64	65	63	76	81	82	82	85	87	91	85	85	86	86	84	81	83		82.7
	Minimum	57	56	57	55	58	58	59	52	47	52	57	63	60	48	49	53	56	57	55	60	63	65	64	69	65	59	61	65	63	63		62.4
Bee Branch	Maximum	85	86	85	86	87	82	80	83	80	86	84	80	74	67	67	64	80	84	85	87	90	93	94	96	90	90	91	86	88	87		86.1
	Minimum	56	61	59	53	60	59	61	53	48	53	61	60	58	47	49	49	55	53	56	67	65	65	64	65	77	60	61	66	65	61		63.9
Bentonville	Maximum	80	85	84	84	80	77	71	74	76	75	78	79	78	62	56	60	71	80	79	74	85	85	81	84	84	87	83	76	76	80		80.7
	Minimum	55	62	60	56	64	59	57	51	51	58	62	58	45	43	46	48	54	50	59	63	63	64	67	65	62	63	62	64	60	58		58.5
Bergman	Maximum	75	89	80	87	79	75	75	78	79	73	75	79	70	66	58	58	72	84	81	82	84	88	89	84	89	86	86	76	83	82		84.9
	Minimum	52	59	55	54	50	56	54	48	46	55	58	57	40	40	46	46	53	46	66	58	59	62	63	64	61	52	56	59	61	53		60.4
Booneville	Maximum	88	87	84	83	86	83	80	79	79	80	73	78	79	62	59	62	74	81	85	84	90	90	90	90	87	90	89	88	88	82		85.2
	Minimum	61	69	63	61	67	61	64	60	56	64	63	61	61	51	49	50	57	53	60	67	66	66	70	66	66	68	65	68	63	62		62.2
Brinkley	Maximum	83	83	82	85	77	73	81	77	81	83	82	77	74	67	67	66	77	84	85	87	90	92	93	88	88	87	89	87	86	82		84.1
	Minimum	59	63	58	57	59	59	61	55	50	54	65	62	58	49	48	54	62	62	62	62	64	66	65	65	66	66	61	62	64	63		62.5
Calico Rock §§	Maximum	76	87	74	83	83	73	72	78	79	81	79	82	66	65	63	60	75	82	82	82	84	86	92	87	87	87	86	80	83	82		82.1
	Minimum	58	58	59	56	58	58	60	52	48	52	53	61	62	47	50	52	54	52	54	62	64	65	65	66	66	61	62	61	64	63		62.5
Camden	Maximum	81	88	82	85	89	84	80	81	77	78	80	81	83	87	65	63	72	76	84	88	86	88	88	90	84	89	88	89	88	86		84.3
	Minimum	59	64	66	66	62	63	64	64	52	56	59	61	63	56	56	56	59	57	59	66	69	65	66	71	65	66	59	66	67	64		63.2
Centerpoint	Maximum	90	85	86	87	88	89	81	85	78	80	69	70	85	67	63	65	74	81	85	87	90	92	93	88	88	87	89	85	88	80		85.8
	Minimum	62	69	67	64	62	62	64	57	57	53	63	64	63	54	54	57	54	56	57	65	65	65	66	67	64	65	65	66	64	63		64.6
Conway	Maximum	82	82	82	87	85	76	80	78	80	82	80	75	75	63	65	65	77	82	86	84	91	90	91	86	90	87	88	79	87	82		84.1
	Minimum	60	64	61	59	60	62	63	58	59	56	62	63	61	52	52	52	61	57	58	67	68	66	66	68	65	63	62	68	65	63		62.6
Corning	Maximum	82	78	74	80	76	74	70	77	82	82	83	81	75	64	65	63	75	81	83	80	82	91	90	87	85	87	87	87	88	84	83	82.7
	Minimum	51	54	56	65	64	54	59	48	48	55	63	64	55	43	46	52	61	60	59	64	65	67	69	67	64	58	67	65	65	65		60.3
Dardanelle	Maximum	79	86	79	90	81	74	82	78	80	78	78	74	78	61	64	62	75	80	85	80	85	92	91	92	86	90	87	88	79	82	71	82.7
	Minimum	62	65	62	60	64	64	61	62	51	58	62	62	61	52	51	52	59	53	59	64	66	64	68	68	65	67	63	68	65	63	67	61.5
Dodd City	Maximum	76	85	83	85	79	72	75	75	79	74	76	81	77	62	61	60	70	81	78	76	81	86	86	85	84	85	83	83	78	76		77.8
	Minimum	53	58	56	53	58	57	56	46	46	56	59	58	51	42	43	47	54	46	56	61	60	62	61	63	60	57	55	60	61	59		55.3
Dumas	Maximum	86	84	83	89	80	75	79	76	86	82	85	81	83	70	67	68	77	84	83	88	91	91	95	90	90	88	90	84	87	87		85.3
	Minimum	62	67	62	61	65	66	64	62	51	54	67	62	52	56	56	56	63	64	72	68	68	69	71	68	64	62	68	67	64	63		63.2
Dutton	Maximum	80	84	80	84	78	72	76	75	76	72	68	77	69	65	55	63	73	79	78	75	85	85	84	84	87	89	86	74	80	77		80.2
	Minimum	53	58	55	53	61	57	55	48	53	43	61	57	50	43	45	47	54	45	52	55	62	57	63	61	66	57	53	63	56	53		55.1
Eldorado	Maximum	83	81	85	88	84	77	80	78	80	82	83	84	89	81	64	71	76	85	89	88	92	91	93	88	91	88	90	83	88	90		86.3
	Minimum	67	68	67	64	62	63	63	64	52	56	64	62	65	56	53	56	58	61	62	66	69	68	69	71	67	65	58	66	68	65		64.2
Eureka Springs	Maximum	80	88	82	86	81	76	74	77	78	75	76	78	65	65	58	60	71	81	83	76	85	85	84	83	88	89	84	80	82	85		80.4
	Minimum	53	62	58	56	66	58	57	51	52	55	61	59	50	43	46	46	54	49	58	58	63	64	70	64	62	61	60	61	60	58		58.3
Fayetteville	Maximum	80	85	84	83	82	78	72	75	75	73	74	77	70	66	48	65	72	79	79	80	85	83	84	83	86	88	88	86	88	89		84.6
	Minimum	61	58	59	57	65	57	57	52	52	61	63	61	52	45	41	46	59	47	59	59	64	65	63	64	62	62	61	63	57	57		57.6
Fort Smith	Maximum	87	86	86	90	88	79	80	80	79	78	73	83	66	64	59	65	73	82	87	82	90	91	89	84	90	89	86	76	82	86		82.4
	Minimum	64	66	66	63	64	64	63	61	57	63	63	63	56	52	48	53	58	54	63	68	68	66	70	68	67	69	68	68	65	61		63.0
Grannis	Maximum	85	82	83	84	85	79	79	79	74	77	71	80	74	67	62	69	72	78	83	81	84	86	86	90	89	86	81	83	77	84		80.7
	Minimum	58	65	62	59	61	64	61	55	49	58	51	61	59	53	50	52	54	47	53	62	61	60	61	65	59	64	62	64	59	58		58.5
Gravette	Maximum	82	87	82	84	83	78	70	74	72	80	78	88	66	63	69	58	71	80	81	77	85	85	81	82	85	88	81	83	76	80		80.2
	Minimum	55	59	60	57	60	58	58	49	49	60	63	56	51	43	46	47	57	48	46	61	62	62	67	64	59	61	62	62	59	57		57.3
Hope	Maximum	82	85	89	92	88	80	84	76	79	81	78	81	87	71	65	70	80	83	89	86	88	91	91	86	91	90	92	85	89	85		85.4
	Minimum	60	65	68	67	62	64	63	62	64	64	65	66	64	54	54	53	65	58	54	65	69	68	67	70	66	67	67	72	69	65		65.1
Hot Springs	Maximum	87	83	80	89	85	82	81	83	81	81	76	76	85	68	63	53	67	78	84	85	87	88	89	89	87	93	90	87	89	87		86.4
	Minimum	64	70	64	61	76	72	68	64	52	63	68	66	64	53	52	52	59	55	59	76	75	67	69	72	68	66	61	69	67	63		63.9
Huttig	Maximum	....	89	90	90	91	84	84	81	81	81	81	80	96	84	....	69	83	....	90	92	92	94	95	93	....	95	....	91	90	91	....		87.3
	Minimum	....	68	66	69	65	65	65	66	54	55	61	66	66	59	....	54	62	....	63	67	68	67	67	71	....	68	....	61	64	65			63.9
Jonesboro	Maximum	70	83	75	80	78	78	76	75	75	81	81	82	80	70	66	65	76	82	85	82	86	89	92	89	82	86	87	85	87	85	87	80.2
	Minimum	50	58	65	55	59	56	57	65	55	52	55	63	55	46	50	54	63	71	85	87	89	90	91	92	93	94	95	96	95	94	92	76.7
Junction	Maximum	91	83	87	86	87	84	82	81	82	86	85	87	90	84	64	58	67	63	63	65	67	68	67	67	68	70	71	86	76	83	80	79.6
	Minimum	53	69	70	68	61	62	61	63	62	64	63	66	65	62	54	53	66	74	78	84	85	88	89	84	87	84	86	66	64	65	65	62.9
Little Rock	Maximum	80	80	79	84	76	72	78	75	76	79	78	74	72	58	52	50	59	61	59	63	69	70	71	67	69	68	67	66	79	81	81	79.6
	Minimum	61	68	62	60	61	63	63	62	55	61	64	62	58	52	50	50	73	68	64	61	71	81	81	78	89	88	83	82	86	89	89	76.0
Lutherville	Maximum	82	84	78	84	81	76	81	76	76	76	76	74	75	73	68	64	69	71	81	78	89	88	88	89	84	89	86	86	83	86	87	80.1
	Minimum	60	61	61	57	64	58	58	58	55	60	61	60	55	48	50	49	58	53	67	65	62	66	69	64	67	66	65	63	67	65	63	63.4
Magnolia	Maximum	86	....	89	88	83	75	80	76	77	80	83	82	85	....	64	72	76	84	87	85	87	88	89	84	85	87	87	87	83	82	87	83.7
	Minimum	....	....	67	64	....	65	66	63	....	52	66	66	62	57	55	55	63	63	81	72	74	78	80	88	86	89	88	82	87	....	83	76.2
Malvern §§	Maximum	86	82	82	85	83	79	78	77	78	76	77	79	78	67	65	63	68	83	90	92	94	95	93	95	95	95	91	90	91	91	91	87.3
	Minimum	70	75	74	78	73	66	65	61	66	67	69	79	81	76	64	63	62	71	80	79	82	87	89	84	82	82	84	84	85	86	85	78.0
Mammoth Spring	Maximum	80	81	75	81	75	72	74	77	80	79	79	81	76	64	63	64	73	82	80	84	87	89	91	92	89	87	87	89	88	89	88	81.1
	Minimum	51	53	55	54	56	51	55	48	46	51	51	71	74	67	63	68	73	82	80	84	87	89	91	92	89	87	87	89	88	86	86	74.1
Marianna §§	Maximum	84	80	86	77	71	74	75	78	81	81	85	86	83	59	51	52	69	71	84	80	88	87	91	92	89	87	87	89	88	88	89	82.5
	Minimum	61	65	60	57	61	62	64	58	51	56	66	63	59	51	52	59	71	84	80	88	87	91	91	89	82	88	89	87	88	87	87	74.0
Marked Tree §§	Maximum	80	89	79	84	73	74	79	80	81	82	85	77	71	67	72	69	71	84	80	88	87	91	91	89	86	88	89	86	87	88	87	81.0
	Minimum	58	58	60	57	60	59	61	56	53	56	61	64	62	48	50	51	59	55	63	62	62	64	67	69	70	70	68	69	69	65	69	67.7
Marshall	Maximum	77	83	75	81	76	73	77	73	77	76	76	77	61	64	61	52	47	45	59	55	53	61	65	63	65	70	67	62	64	62	64	66.8
	Minimum	57	65	60	58	62	60	61	53	51	61	62	61	52	47	45	50	55	53	61	65	63	65	66	70	67	62	64	62	64	62	64	59.7
Mena	Maximum	83	80	84	85	87	80	78	77	77	76	76	76	77	64	63	66	69	70	81	82	85	86	85	87	86	85	86	85	86	85	85	80.9
	Minimum	59	68	68	62	60	64	61	61	50	56	62	58	60	53	50	50	57	49	49	66	62	61	67	65	62	65	64	66	66	60	59	59.9
Mountain Home	Maximum	73	87	77	85	73	73	78	76	80	77	76	82	72	61	61	60	72	81	80	80	84	88	88	84	88	90	87	82	84	82	82	78.3
	Minimum	51	57	57	51	57	58	59	49	46	53	61	58	52	44	49	50	55	47	56	61	63	64	63	65	65	59	60	64	63	61	60	56.9
Mount Ida	Maximum	87	84	81	85	88	82	83	79	79	79	75	78	80	68	61	62	76	83	85	87	89	88	90	87	92	89	90	87	89	87	87	82.1
	Minimum	56	68	65	58	64	64	63	60	46	54	61	59	60	52	51	51	57	49	52	64	61	59	62	64	61	59	62	64	66	64	64	59.1
Nail	Maximum	74	80	77	79	75	68	69	72	71	71	67	70	66	58	55	60	69	74	74	73	81	81	82	79	82	79	82	83	82	79	81	73.3
	Minimum	52	61	54	55	61	53	44	43	55	51	56	51	45	33	42	42	52	52	57	57	62	63	66	66	64	62	62	64	66	64	64	56.1
Newport	Maximum	83	81	84	79	76	74	77	78	79	80	72	71	63	66	65	70	81	77	76	82	88	82	82	82	81	82	83	82	82	80	80	77.4
	Minimum	58	60	59	56	62	59	63	56	54	57	64	63	58	48	51	52	59	61	63	69	71	69	69	71	69	69	64	66	66	67	65	59.2
Osceola	Maximum	83	78	84	78	81	74	76	75	79	81	81	83	77	70	70	72	74	81	80	82	84	91	94	91	86	88	90	84	84	84	84	81.3
	Minimum	57	58	58	58	64	58	56	54	50	50	56	64	61	47	47	50	61	60	62	62	64	67	67	78	66	68	68	68	68	68	68	60.7
Ozark	Maximum	84	86	86	88	88	82	83	81	80	81	74	76	77	67	62	64	67	82	83	81	83	86	87	86	86	86	86	86	86	86	86	82.0
	Minimum	51	65	79	61	77	64	63	58	51	62	64	64	59	56	50	52	51	51	52	62	63	61	64	66	69	69	64	62	64	65	65	60.2
Pine Bluff	Maximum	83	84	91	81	79	82	76	79	84	86	82	82	72	61	70	75	82	87	90	93	93	91	89	87	89	90	89	85	85	82	82	84.3
	Minimum	61	67	61	61	65	64	64	62	54	56	65	62	62	55	55	57	62	61	63	68	68	69	71	68	67	68	69	69	71	68	67	63.3
Pocahontas	Maximum	83	78	77	83	76	76	73	77	81	81	82	86	86	62	64	63	75	83	86	88	90	91	90	88	89	86	86	88	87	86	84	83.9
	Minimum	54	55	58	54	56	56	60	51	49	53	64	64	55	45	49	52	59	63	62	66	66	63	65	66	67	66	62	68	68	65	64	60.3
Portland	Maximum	90	84	87	90	84	78	76	76	80	83	81	85	85	78	69	69	74	83	87	88	90	91	90	88	89	88	89	86	88	89	88	83.7
	Minimum	64	67	63	66	66	65	65	63	54	56	67	64	66	58	54	61	61	62	66	68	68	67	70	69	68	68	68	65	70	69	68	64.2
Prescott	Maximum	88	84	86	88	85	82	82	78	79	81	78	83	81	71	68	71	80	83	89	87	89	90	91	86	91	88	89	86	91	88	89	83.9
	Minimum	60	69	67	64	63	64	63	63	53	56	63	59	64	51	54	55	57	56	59	65	67	66	67	72	66	67	66	67	66	67	65	62.4
Rison	Maximum	85	83	86	90	83	78	81	78	82	83	82	85	65	66	68	78	86	88	90	91	94	87	90	88	91	94	87	90	88	90	88	83.3
	Minimum	68	61	62	64	64	64	62	58	55	55	62	63	54	54	55	60	58	62	66	68	68	67	77	66	63	62	63	62	64	65	64	63.4
Rogers	Maximum	83	85	86	85	79	75	73	76	76	75	76	77	73	63	59	60	72	81	79	75	86	87	82	83	86	87	82	83	82	83	84	80.7
	Minimum	55	62	59	55	63	59	57	55	49	56	62	62	59	44	46	47	55	47	57	62	64	62	68	64	61	61	60	63	64	61	61	61.4
Searcy	Maximum	80	83	78	83	85	71	79	75	79	80	83	67	58	49	52	53	60	67	59	67	68	67	67	68	66	61	64	66	65	63	64	68.1
	Minimum	58	61	59	57	63	60	62	55	50	53	63	63	58	49	52	53	60	67	59	67	68	67	68	66	61	64	66	65	63	64	61	62.2
Stuttgart	Maximum	83	83	81	83	79	75	79	75	78	82	82	78	75	64	63	63	52	51	62	61	61	67	70	69	76	71	68	63	66	68	64	69.2
	Minimum	59	66	61	59	62	63	63	59	52	56	66	63	62	52	51	52	62	61	61	67	75	83	81	91	91	83	91	89	86	80	84	74.1
Subiaco	Maximum	86	89	89	91	84	81	81	80	89	81	82	78	82	76	65	61	67	75	83	86	88	91	91	86	91	90	92	85	89	85	88	84.4
	Minimum	62	64	63	62	66	62	60	58	52	63	63	60	60	59	47	50	58	58	59	64	64	67	67	66	67	66	67	72	69	65	68	64.1
Texarkana	Maximum	87	87	90	89	88	82	82	82	81	81	81	81	82	77	60	60	73	83	85	86	87	91	88	92	92	93	93	91	92	88	88	84.4
	Minimum	63	70	68	63	62	63	64	65	57	61	66	62	57	56	59	61	55	68	71	78	81	81	84	82	84	80	83	81	83	81	82	76.4
Umphers	Maximum	81	78	77	84	79	88	75	74	74	75	71	71	72	63	59	56	59	64	67	66	64	67	66	66	64	67	66	66	67	70	64	69.3
	Minimum	66	67	61	59	74	61	60	58	53	57	61	59	62	49	50	49	57	55	58	62	66	64	67	66	64	67	66	66	67	66	64	61.3
Warren	Maximum	86	82	82	86	82	76	79	76	80	81	82	84	73	70	66	69	76	81	85	87	90	89	92	89	92	86	87	88	89	87	87	84.3
	Minimum	62	69	63	64	65	65	64	63	53	56	66	63	65	56	54	58	66	69	72	74	78	80	82	82	82	82	82	82	82	82	82	72.0
Wynne	Maximum	86	84	89	86	78	71	77	76	82	84	84	75	70	66	69	66	72	81	83	84	86	88	90	88	90	91	91	91	91	91	91	84.3
	Minimum	59	69	57	61	65	60	65	56	50	63	67	65	58	50	51	50	61	63	64	70	72	71	67	61	63	64	70	72	71	67	61	64.3

§ Instruments are read in the morning the maximum temperature then read is changed to the preceding day, on which it almost always occurs.


Scale of Shades.
0 to 1 inch.
1 to 2 inches.
2 to 4 inches.
4 to 6 inches.
Over 6 inches.
NO RAIN
W. T.

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WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

ARKANSAS SECTION

JUNE 1920.

BY
HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
September 10 1920.

Departure of the Mean Temperature from the Normal, June, 1920.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., JUNE, 1920. No. 6.

GENERAL SUMMARY.

The month was colder and drier than normal but the means and extremes were not unusual. The precipitation averaged 80% of the normal amount. The heavier totals generally fell near the center of the State and the lighter along the northern border but geographical distrubition was rather irregular. About three fourths of the stations showed negative departures and the remainder positive. Rains were general from the 2d to the 4th, 17th to 20, and on the 22d and 23d and scattered on the 1st, 21st, and 30th. The warm peroids were from the 13th to the 17th, and the 26th to the 27th, and the cool from the 6th to 9th, and the 19th to the 24th. All temperature departures were negative except the one at Hope. The number of clear days and the percentage of sunshine were above the average. Planting and cultivation were delayed in the eastern districts the first part of the month, due to wet soil. Nearly all spring crops were from one to three weeks late at the beginning of the month. Clear days, sunshine, and light to moderate rainfall materially advanced crops and farm work could be carried on much of the time. At the close of the month agricultural interests were generally in a very good condition. Harvesting of winter grains was completed, much hay had been cut, early corn was nearly matured, cotton generally well cultivated although a little late, and rice was being irrigated.

A brillant meteor was reported at about 8:50 P. M. (90th meridian time) on the 8th at Newport, Little Rock, Waldron, Booneville, Grannis, and Fort Smith. The following is quoted from a report from Fort Smith and completely describes the phenomenon. An intensely brilliant meteor appeared at 8:49 P. M. at about an azimuth of 125° and moved across the southwestern sky toward the of S. S. E., to an azimuth of about 350°. It appeared at an altitude of about 55° and disrupted at about 45°. About 30 seconds after the explosion a rumbling report like a peal of thunder was heard, lasting ten seconds. A distinct dust cloud, resembling a wisp of cirrus, was visible for 18 minutes after the explosion and drifted opposite to the course of the meteor. The phenomenon was attended by a vivid, intensely white glare, that illuminated the sky, narrow at first and widening to 3° at the point of disappearance. Grannis reported the glow as lasting twenty minutes and observed the explosion. Waldron reports hearing a loud, long roar.

T. G. S.

TEMPERATURE

The avearge June temperature for 56 stations in Arkansas was 74.7°. For 45 stations having a record of ten years or more the average was 1.7° below normal. The highest monthly mean was 79.0° at Huttig, Union County; the lowest, 69.2° at Dutton, Madison County. The highest temperature observed during the month was 101° at Marked Tree, Poinsett County on the 26th; the lowest, 42° at Dutton, Madison County on the 24th. The greatest daily range was 43° at Ozark on the 30th.

PRECIPITATION

The average June precipitation for 70 stations in Arkansas was 3.41 inches. The average for 55 stations having a record of ten years or more was 0.93 inch below normal. The greatest monthly total was 8.26 inches at Conway, Faulkner County; the least, 0.63 inch at Dodd City, Marion County. The greatest amount recorded in twenty four counsecutive hours was 5.35 inches at Huttig, Union County on the 4th. The average number of rainy days was six.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level)					Wind.				Relative Humidity		Percentage of sunshine
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 A. M.	7 P. M.	
Bentonville..	29.99	30.21	27	29.67	16	3,157	26	w.	16	79	.....	66
Fort Smith...	29.98	30.18	27	29.70	16	4,765	25	s.	15	79	53	72
Little Rock..	30.01	30.23	27	29.69	17	5,013	46	nw.	17	81	61	72

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms: 1st,3; 2d, 7; 3d, 2; 7th,1; 16th, 4; 17th, 12; 18th, 1; 19th, 1; 20th, 1; 21st, 1; 22d, 7; 26th, 1; 30th, 6.

Fog:— 3d, 1; 21st, 1; 23d, 2.

Solar Halos:— 16th, 2; 17th,1.

Lunar Halos:— 22d, 1; 30th, 1.

Hail:— Bald Knob, 17, heavy: Dumas, 18th, light: Lutherville, 17th, light: Junction, 22d, light.

COMPARATIVE DATA FOR ARKANSAS---- JUNE.

Year.	Temperature.				Precipitation.		Number of Days.			
	Monthly average	Departure	Highest.	Lowest	Monthly average.	Departure.	clear.	Partly cloudy	cloudy.	Precip .01 or more
1891.....	77.9	+1.1	103	55	3.71	−0.30	11	11	8	17
1892.....	76.9	0.0	106	44	3.87	−0.88	16	10	4	8
1893.....	76.3	−0.6	99	49	5.20	+0.95	12	12	6	9
1894.....	76.6	−0.3	106	42	1.39	−2.86	17	10	3	4
1895.....	76.9	0.0	100	47	5.94	+1.69	12	10	8	10
1896.....	77.7	+0.8	103	48	1.91	−2.14	14	10	6	5
1897.....	78.0	+1.1	106	41	3.46	−0.59	12	13	5	6
1898.....	78.7	+2.3	100	60	4.86	+0.80	8	14	8	11
1899.....	77.3	+0.1	102	50	2.74	−1.22	13	12	5	6
1900.....	76.6	−0.6	100	43	7.10	+3.22	7	14	9	13
1901.....	79.4	+2.8	110	41	1.44	−2.62	16	12	2	4
1902.....	77.5	0.0	105	42	5.27	+1.37	16	9	5	6
1903.....	70.5	−6.4	99	37	2.53	−1.27	13	10	7	7
1904.....	75.3	−1.4	99	50	7.14	+2.95	11	13	6	10
1905.....	77.9	+1.6	104	44	5.90	+2.01	12	10	8	10
1906.....	76.2	−0.4	101	44	4.60	+0.33	14	10	6	8
1907	75.2	−1.2	103	39	4.48	+0.34	14	11	5	8
1908.....	76.0	−0.4	98	46	3.85	−0.26	13	11	6	8
1909.....	76.9	+0.2	104	49	4.08	−0.17	12	12	6	10
1910.....	74.1	−2.5	99	44	4.85	+0.43	12	13	5	10
1911.....	80.9	+4.2	106	47	2.53	−1.77	16	11	3	6
1912.....	73.1	−3.3	97	42	5.83	+1.82	11	12	7	9
1913.....	77.0	+0.9	103	39	1.68	−2.53	16	11	3	4
1914.....	82.3	+6.1	109	52	1.00	−3.13	19	10	1	2
1915.....	76.0	−0.4	106	45	4.92	+0.77	12	9	9	9
1916.....	75.4	−1.0	99	43	5.15	+1.10	12	10	8	8
1917.....	75.2	−1.3	105	37	4.87	+0.76	18	7	5	5
1918.....	80.5	+4.1	110	49	3.55	−0.42	15	9	6	7
1919.....	76.9	+0.1	100	45	5.11	+1.12	11	10	9	10
1920.....	74.7	-1.7	101	42	3.41	−0.93	19	6	5	6

Climatological Data for June, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit). Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	cloudy.	Prevailing direction of wind.	Observers.
Arkadelphia	Clark	250	24	.....	.....	.....	.....	.....	.....	.....	2.63	−2.88	0.90	0	5	21	0	9	se.	F. J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	2.95	−1.42	1.84	0	8	17	7	6	w.	Geo. E. Payne.
Bald Knob	White	229	1	.....	.....	.....	.....	.....	.....	.....	4.48	.....	1.56	0	5	19	8	3	s.	Allen Moed
Batesville	Independence	277	21	72.8	− 3.1	94	13†	53	7	34	3.66	−0.58	1.40	0	7	24	1	5	.....	Mrs. Leia I. Teter.
Beebe	White	250	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ben Allen
Bee Branch	Van Buren	.....	28	75.0	− 1.3	100	14†	54	6	38	7.40	+3.73	4.00	0	7	3	20	7	.....	J. E. Scanlan.
Bentonville	Benton	1303	14	71.6	− 2.5	92	16	51	6	30	2.02	−2.54	0.98	0	6	16	6	8	s.	U. S. Weather Bureau
Bergman	Boone	1324	23	71.4	− 1.1	94	27	49	5†	36	1.41	−2.72	0.58	0	6	21	3	6	se.	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	2.36	−0.72	0.98	0	6	22	3	5	s.	S. J. Howe.
Booneville	Logan	.....	6	75 6	.....	96	16†	55	23	27	2.38	.....	0.57	0	9	22	2	6	se.	Supt. Tuberculosis S
Brinkley	Monroe	226	38	75.0	− 2.5	98	14	53	8	36	2.51	+0.13	1.23	0	6	20	6	4	n.	H. L. D. Whitson.
Calico Rock	Izard	361	16	74.3	.....	97	27	54	6	37	1.34	−2.43	0.57	0	7	22	0	8	s.	J. M. Richardson
Camden	Ouachita	158	34	75.4	− 2.7	94	15†	56	8	28	2.57	−2.24	1.17	0	6	20	3	7	se.	A. B. Quarterman
Centerpoint	Howard	470	23	76.2	− 2.6	96	13	56	21	35	2.23	−2.25	1.10	0	6	17	6	7	se.	C. M. Huddeston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	3.49	−0.27	1.05	0	6	15	11	4	ne.	R. M. Wheatly.
Conway	Faulkner	309	36	74.8	− 2.3	97	17	55	6	33	8.26	+4.41	2.94	0	8	19	6	5	s.	E. E. Cordrey.
Corning	Clay	293	28	74.3	− 1.3	97	13†	52	9	42	1.83	−2.34	0.90	0	5	17	8	5	s.	N. E. Skinner
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	5.23	.....	1.67	0	7	22	0	8	.....	J. R. Avera.
Dardanelle	Yell	330	34	75.0	− 2.1	97	13†	55	23	32	2.74	−0.88	1.10	0	7	19	2	9	s.	F. H. Weiser.
Dodd City	Marion	1175	38	71.4	− 4.2	92	13†	47	5	34	0.63	−3.65	0.52	0	3	4	24	2	sw.	Neal Dodd.
Dumas	Desha	162	12	76.8	− 1.2	98	14†	55	6	32	4.36	+0.50	2.60	0	7	6	20	4	.....	Ben. Johnson.
Dutton	Madison	1590	18	69.2	− 2.2	91	13†	42	24	42	5.12	−0.37	1.99	0	9	19	7	4	s.	J. M. Ricketts.
Eldorado	Union	265	16	77.3	− 1.6	96	30	56	8	31	3.38	−1.02	2.13	0	5	15	8	7	sw.	Mrs. Virgil N. Wall
England	Lonoke	229	13	76.4	− 1.4	97	13	56	7	35	4.20	+0.68	1.15	0	7	18	6	6	s.	R. H. Hardin.
Eureka Springs	Carroll	1465	18	72.8	− 0.9	91	16†	51	6	30	1.44	−4.90	0.55	0	5	18	10	2	sw.	George W. Nichoald
Fayetteville	Washington	1451	34	72.5	− 1.6	90	16	50	6	34	1.78	−2.74	1.00	0	7	19[a]	9[a]	1[a]	sw.	University of Arkan
Fort Smith	Sebastian	481	38	76.1	− 0.7	95	30	57	23	28	1.71	−2.29	0.62	0	8	13	7	10	e.	U. S. Weather Bur
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	1.58	−1.95	0.50	0	5	22	3	5	s.	T. J. Logan.
Georgetown	White	200	7	.....	....	.....	.....	.....	.....	.....	4.08	.....	1.50	0	7	23	1	6	w.	Charles Hilburn.
Gillett	Arkansas	.....	1	76.4[k]	.....	98[k]	14	56[k]	6†	33[k]	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. E. F. Bovenburg
Grannis	Polk	921	2	72.5	.....	92	17	53	9†	34	4.43	.....	1.43	0	8	23	2	5	se.	Dr. F. C. Mullins
Gravette	Benton	1250	22	71.6	− 1.8	91	16	49	6	32	2.85	−2.60	1.36	0	5	14	6	10	sw.	A. F. Stevens
Hardy	Sharp	643	23	72.9[b]	− 2.2	95[a]	17	51[b]	6†	36[b]	.....	.....	.....	0	....	18[d]	5[d]	3[d]	.....	Miss Artie Madden
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	4.16	+0.19	1.30	0	8	23	2	5	s.	T. J. Mitchell.
Hidgen	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	5.55	.....	1.75	0	5	22	1	7	.....	Chas. Smothers.
Hope	Hempstead	377	48	78.0	+ 0.4	100	17	52	6	41	1.34	−3.06	0.38	0	7	22	3	5	s.	N. P. O'Neal.
Hot Springs	Garland	600	28	77.0	− 0.1	94	14†	51	2	33	2.96	−1.78	1.33	0	6	22	3	5	s.	A. & N. Gen. Hosp
Huttig	Union	.....	12	79.0[a]	− 0.1	97[a]	15	59[n]	7	31[a]	8.00	+3.84	5.35	0	4	16[a]	12[a]	1[a]	.....	C. A Berry.
Jonesboro	Craighead	345	25	76.2	− 1.1	98	14	55[a]	23	34[a]	2.60	−1.08	1.55	0	5	22	2	6	s.	Benedictine Sister
Junction‡‡	Union	182	27	78.0	− 0.6	99	15	57	4	33	2.23	−1.70	0.82	0	5	24	2	4	se.	J. A. Lowderback
Lewisville	Lafayette	262	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. H. Dismukes.
Little Rock	Pulaski	286	41	75.4	− 1.8	93	30	56	19	24	4.27	+0.18	1.68	0	9	18	6	6	s.	U. S. Weather Bure
Lutherville ‡‡	Johnson	775	23	74 0	− 1.2	95	16	52	21	31	3.16	−1.53	1.05	0	7	22	3	5	se.	H. Kauffeld.
Magnolia	Columbia	315	2	76.6[a]	.....	94[a]	15[b]	57[a]	8	30[a]	2.85	.....	1.15	0	6	16	10	4	s.	State Agriculture Sc
Malvern	Hot Spring	277	37	73.8	− 3.6	93	13†	55	6	30	3.83	−0.21	1.20	0	6	11	10	9	ne.	Mrs. Kate L. Smit
Mammoth Spring	Fulton	512	15	72.9	− 1 0	98	23	52	5	34	3.08	−1.38	2.90	0	2	19	7	4	sw.	W. S. Vincent.
Marianna	Lee	235	9	74.8	− 4.0	97	14†	55	8	32	6.21	.....	3.40	0	5	16	8	6	s.	W. K. Truesdale
Marked Tree	Poinsett	229	15	76.6	.....	101	26	57	7†	39	1.79	−1 33	0.91	0	5	19	8	3	n.	Charles Walton
Marshall	Searcy	1083	5	74.8	.....	94	13†	53	6	30	3.45	.....	1.84	0	8	20	6	4	sw.	W. F. Reeves.
Mena	Polk	1284	32	73.1	− 2.8	92	17	55	9	32	3.79	−1.07	1.01	0	8	17	7	6	n.	V. W. St. John.
Morrilton	Conway	347	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Dilbeck.
Mountain Home	Baxter	800	6	72.0	.....	94	13†	50	4†	37	1.37	.....	0.58	0	6	21	3	6	s.	B. S. Halbert.
Mount Ida	Montgomery	730	19	73.1	.....	95	14†	52	22	35	4.34	+0.42	1.70	0	6	23	2	5	se.	G. A. Whittington
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	3.14	.....	1.88	0	3	21	0	9	e.	Henry A. Davis.
Nail	Newton	2233	27	70.4	− 1.2	87	13	52	18	24	2.15	−2.91	0.75	0	6	19	7	4	s.	Charles Paxton.
Newport	Jackson	231	36	74.1	− 3.5	94	16	55	19	25	4.26	+0.64	1.62	0	10	18	8	4	sw.	George L. Robinso
Osceola	Mississippi	240	20	76.4	− 0.7	98	13†	56	6†	36	3.13	−0.34	1.15	0	6	9[a]	10[a]	10[a]	.....	Atwood P. Smith.
Ozark	Franklin	377	24	76.7	− 1.2	98	29†	55	25†	43	1.45	−2.94	0.60	0	5	18	9	3	se.	Isham Burrow
Patterson	Woodruff	196	4	.....	.....	.....	.....	.....	.....	.....	5.48	.....	2.40	0	5	25	1	4	ne.	W. E. Baker
Pine Bluff	Jefferson	215	36	76.9	− 1.9	97	13†	59	19†	31	1.97	−1.82	0.81	0	6	19	4	7	sw.	Roy H. Hammond
Pocahontas	Randolph	300	28	74.4	− 1.6	95	14	54	23	31	2.45	−1.27	1.15	0	3	18	7	5	.....	Benedictine Sister
Portland	Ashley	122	14	77.6	− 1.0	97	14	60	6	28	5.70	+1.81	2.22	0	8	19	8	3	nw.	W. E. Edmiston.
Prescott	Nevada	327	38	76.9	− 1.6	97	14†	58	20	32	1.79	−1.83	0.75	0	7	25	0	5	e.	S. T. White Jr.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	3.34	−0.91	1.20	0	5	24	0	6	se.	Foote Coleman.
Rison	Cleveland	243	18	77.2	− 0.2	97	14	58	6†	33	3.92	−0.16	2.25	0	3	15	9	6	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	29	71.1	− 2.1	92	16	50	6	31	2.43	−2.30	1.2	0	9	20	3	7	s.	Carl A. Starck.
Searcy	White	236	7	73.8	.....	95	14	55	7†	31	5.30	.....	2.25	0	8	20	1	9	se.	Miss Sarah Cypert
Sheridan	Grant	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Elsie. Glover
Springbank ‡‡	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	2.48	−1.23	1.43	0	7	23	2	5	....	G. Field.
Stuttgart	Arkansas	228	32	75.1	− 2.3	95	14†	57	8	31	3.58	−0.49	1.42	0	9	22	4	4	se.	H. A. Buerkle.
Subiaco	Logan	1050	23	75.9	− 1.2	97	16	54	23	30	2.64	−1.33	0.97	0	9	18	7	5	s.	New Subiaco Abbe
Texarkana	Miller	332	38	78.3	− 0.7	97	26	58	21	31	3.23	−0.32	0.98	0	6	23	2	5	s.	H. S. Brashear.
Umpher ‡‡	Yell	2000	3	70.6	.....	90	17	55	19	26	6.91	.....	2.00	0	9	21	4	5	s.	U. S. Forest Servi
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	2.09	.....	0.76	0	8	13	9	8	s.	Cheves. Bevil.
Warren	Bradley	206	25	76.2	− 2.3	95	15	58	6†	28	5.05	+1.00	3.26	0	8	15	8	7	sw.	. L. Klegg.
Whitecliffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	1.88	−1.64	1.00	0	3	19	5	6	s.	ulela M. Schirm
Wynne	Cross	250	12	79.9	− 0.5	99	14	56	8	31	4.24	+1.10	2.01	0	7	17	6	7	s.	O. Allen.
State Means and Extremes				74.7	− 1.7	101	26	42	24	43	3.41	−0.93	5.35	0	6	19	6	5	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appear in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark.

Daily Precipitation for June, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia ‖	Ouachita	....	....	.30	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	.88	.90	.15	....	....	....	....	....	....	....	....	....	....	....	....	2.63
Arkansas City ‖	Mississippi	....	....	.16	1.84	.01	....	....	....	....	....	....	....	....	....	....	....	....	.10	.54	.06	....	....	.22	.02	....	....	....	T.	....	....	....	....	2.95
Bald Knob	White	....	.25	.87	....	....	....	....	....	....	....	....	....	....	....	....	....	1.56	.80	....	....	....	....	....	....	....	....	....	....	....	1.00	....	4.48
Batesville ‖	do	.04	....	.46	1.36	....	....	....	....	....	....	....	....	....	....	....	....	T.	.22	1.40	....	.14	...	.04	....	....	....	....	....	....	....	....	....	3.66
Bebee	do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	Arkansas	....	4.00	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	1.45	.65	.60	.10	....	.10	....	....	....	....	....	....	....	T.	....	7.40
Bentonville ***	do	T.	T.	T.	....	....	....	....	....	....	....	....	....	....	....	.96	.02	.73	.02	.05	....	T.	....	....	....	....	T.	....	....	.24	....	2.02
Bergman	White	....	.17	.14	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	.58	....	.07	....	....	....	....	....	....	....	....	.41	....	1.41
Black Rock ‖	do	.11	....	.55	.56	....	....	....	....	....	....	....	....	....	....	....	....	T.	.10	.98	....	....	....	.06	....	....	....	....	....	....	....	....	2.36
Booneville	Arkansas	....	.57	.51	05	....	....	....	....	....	....	....	....	....	....	....	....	.15	.63	.10	.19	.02	.16	....	....	....	....	....	....	....	....	....	2.38
Brinkley ‖	White	....	.51	1.26	.52	....	....	....	....	....	....	....	....	....	....	....	....	....	.91	....	.11	T.	....	.20	....	....	....	....	....	....	....	....	3.51
Calico Rock ‖	do	.05	T.	.54	.16	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	.57	....	....	.08	.12	....	....	....	....	....	....	....	....	1.34
Camden ‖	Ouachita	....	.03	1.17	.57	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	.39	....	....	.36	....	....	....	....	....	....	....	....	2.57
Centerpoint	Red	....	T.	.17	....	....	....	....	....	....	....	....	....	....	....	....	....	1.10	.15	.21	....	....	.50	....	....	....	.10	....	....	....	....	....	2.23
Clarendon ‖	White	....	....	1.05	.57	....	....	....	....	....	....	....	....	....	....	....	....	....	.83	.18	.06	....	....	.80	....	....	....	....	....	....	....	....	....	3.49
Conway	Arkansas	....	.49	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	2.94	1.83	.06	.56	....	.34	....	....	....	....	....	....	....	1.62	....	8.26
Corning	White	....	....	.33	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.90	....	.30	.13	....	....	....	....	....	....	....	.17	....	1.83
Danville ‖	Arkansas	....	.15	1.67	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	1.50	1.23	.30	....	T	.26	....	....	....	....	....	....	....	....	5.23
Dardanelle	do	....	....	.88	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	1.10	.12	.02	....	.05	....	....	....	....	....	....	....	....	2.74
Dodd City	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	.52	.02	....	....	....	....	....	....	....	....	....	....	....	....	0.63
Dumas	Arkansas	....	.20	.85	....	▬	....	....	....	....	....	....	....	....	....	....	....	.03	2.60	.07	.10	....	.51	....	....	....	....	....	....	....	....	....	4.36
Dutton	White	....	.21	.34	1.00	....	....	....	....	....	....	....	....	....	....	....	....	.08	.55	.11	.44	....	.40	....	....	....	....	....	....	....	1.99	....	5.12
Eldorado ‖	Ouachita	....	....	2.13	.25	T.	....	....	....	....	....	....	....	....	....	....	....	....	.12	.03	....	....	....	.85	....	....	....	....	....	....	....	....	....	3.38
England ‖	Arkansas	....	.95	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.40	.10	....	....	1.10	....	....	....	....	....	....	....	1.16	....	4.20
Eureka Springs	White	....	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.55	.15	.35	....	T.	....	....	....	....	....	....	....	.27	....	1.44
Fayetteville	do	....	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	1.00	.10	.12	....	.07	....	....	....	....	....	....	....	.02	....	1.78
Fort Smith ***	Arkansas	....	.35	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	.01	.62	.17	.15	T.	.07	....	....	....	....	....	....	....	.26	....	1.71
Fulton ‖	Red	....	....	.39	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	.11	....	....	.50	....	....	....	....	....	....	....	....	1.58
Georgetown ‖	White	.16	....	.96	.68	....	....	....	....	....	....	....	....	....	....	....	....	....	1.50	.57	.09	....	....	.12	....	....	....	....	....	....	....	....	4.08
Gillett	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grannis	Red	....	1.43	.39	....	....	....	....	....	....	....	....	....	....	....	....	....	.66	1.04	.21	T.	.01	.66	....	....	....	....	.03	....	....	....	....	4.43
Gravette	White	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.90	1.36	T.	.25	.02	....	....	....	....	....	....	....	....	.32	....	2.85
Hardy	do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena ‖	Mississippi	....	T.	1.04	1.30	.02	....	....	....	....	....	....	....	....	....	....	....	....	.62	.16	.04	....	....	.92	....	....	....	....	.06	....	....	....	4.16
Higden ‖	White	....	1.75	.55	....	....	....	....	....	....	....	....	....	....	....	....	....	1.50	1.25	....	....	....	....	....	....	....	....	....	....	....	.50	....	5.55
Hope	Red	....	.10	.38	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	.18	.02	....	.29	....	....	....	....	....	....	....	....	....	1.34
Hot Springs	Ouachita	....	.40	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	.39	1.33	.20	....	....	.24	....	....	....	....	....	....	....	....	....	2.96
Huttig	do	....	1.25	....	....	5.35	....	....	....	....	....	....	....	....	....	....	....	....	.65	.75	....	....	....	....	....	....	....	....	....	....	....	....	8.00
Jonesboro	White	....	.70	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	1.55	.03	....	....	....	....	....	....	....	....	....	....	....	2.60
Junction	Ouachita	....	.30	.70	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	.18	.22	....	....	.83	....	....	T.	....	....	....	....	....	....	2.23
Lewisville	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Rock ***	Arkansas	....	1.12	1.68	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	.57	.07	.02	....	.24	....	....	....	....	....	....	....	.12	....	4.27
Lutherville	do	....	.30	1.05	....	....	....	....	....	....	....	....	....	....	....	....	....	.56	.62	.25	15	....	.23	....	....	....	....	....	....	....	....	....	3.16
Magnolia	Red	....	.55	1.15	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.32	....	....	.58	....	....	....	....	....	....	....	....	....	2.85
Malvern ‖	Ouachita	....	....	.40	.46	....	....	....	....	....	....	....	....	....	....	....	....	....	1.10	1.20	.30	....	T	.37	....	....	....	....	....	....	....	....	3.83
Mammoth Spring	White	....	....	2.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	....	3.08
Marianna ‖	Mississippi	....	3.40	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	1.60	T.	T.	....	T.	....	....	....	....	....	.04	....	T.	1.10	....	6.21
Marked Tree ‖	St. Francis	....	.11	.25	.29	....	....	....	....	....	....	....	....	....	....	....	....	....	.23	.91	T.	T.	....	....	....	....	....	....	....	....	....	....	....	1.79
Marshall	White	....	.36	1.84	.07	....	....	....	....	....	....	....	....	....	....	....	....	.09	.64	.16	T.	....	.26	....	....	....	....	....	T.	....	.03	....	3.45
Mena ‖	Ouachita	....	T.	.26	.72	.01	....	....	....	....	....	....	....	....	....	....	....	....	1.01	.76	.27	....	.11	.65	....	....	....	....	T.	....	....	....	3.79
Morrilton	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain Home	White	....	.22	.58	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	.32	T.	T	.07	.03	....	....	....	....	....	....	....	....	....	....	1.37
Mount Ida	Ouachita	....	1.13	.31	....	....	....	....	....	....	....	....	....	....	....	....	....	1.70	1.00	.15	...	....	.55	....	....	....	....	....	....	....	....	....	4.84
Murfreesboro ‖	do	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.88	.85	....	....	....	....	....	....	....	....	....	....	....	....	3.14
Nail	White	....	....	.75	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	.67	.14	.14	....	.10	....	....	....	....	....	....	....	T.	....	2.15
Newport ‖	do	.05	.08	.30	1.12	....	....	....	....	....	....	....	....	....	....	....	....	.89	.30	1.62	.04	.20	....	.16	....	....	....	....	....	....	....	....	4.26
Osceola	Mississippi	1.15	....	.50	.35	T	....	....	....	....	....	....	....	....	....	....	....	....	T.	.90	....	....	.05	....	....	....	....	....	.18	....	....	....	3.13
Ozark	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	.60	.05	.22	.28	....	....	....	....	....	....	....	....	....	....	1.45
Patterson ‖	Cache	.28	....	2.40	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	1.20	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	5.48
Pine Bluff ‖	Arkansas	....	....	.45	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	.84	....	.12	.02	....	.12	....	....	....	....	....	....	....	....	1.97
Pocahontas	White	....	....	1.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.80	....	....	.50	....	....	....	....	....	....	....	....	....	2.45
Portland ‖	Ouachita	....	.20	2.22	1.73	....	....	....	....	....	....	....	....	....	....	....	....	....	.22	.52	.13	....	.21	.47	....	....	....	....	....	....	....	....	5.70
Prescott	do	.01	.20	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.78	.05	.33	....	....	.22	....	....	....	....	....	....	....	....	....	1.79
Princeton ‖	Ouachita	....	....	.80	.84	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	1.20	.20	....	....	....	....	....	....	....	....	....	....	....	3.34
Rison ‖	do	....	....	2.25	....	....	....	....	....	....	....	....	....	....	....	....	....	1.52	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	3.92
Rogers	Arkansas	....	.01	.04	....	....	....	....	.02	....	....	....	....	....	....	....	....	.56	1.21	.06	.11	T.	.04	....	....	....	....	....	....	....	.38	....	2.43
Searcy	White	....	.30	.85	....	....	....	....	....	....	....	....	....	....	....	....	....	2.25	.58	.52	.04	....	.12	....	....	....	....	....	....	....	.64	....	5.30
Sheridan ‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Springbank ‖	Red	....	.03	1.43	.13	.03	....	....	....	....	....	....	....	....	....	....	....	....	.44	T.	.11	....	....	.31	....	....	....	....	....	....	....	....	....	2.48
Stuttgart	Arkansas	....	.42	.56	.15	....	....	....	....	....	....	....	....	....	....	....	....	.09	.27	.15	.05	....	.88	.01	....	....	....	....	....	....	....	....	3.58
Subiaco	do	....	.12	.51	.02	....	....	....	....	....	....	....	T.	....	....	....	....	.08	.57	.12	.15	....	.10	....	....	....	....	....	....	....	.97	....	2.64
Texarkana ‖	Red	....	.60	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	.90	.20	....	....	.98	....	....	....	....	....	....	....	....	....	3.23
Umphers	Arkansas	....	2.00	2.00	.02	....	....	....	....	....	....	....	....	....	....	....	....	1.38	.97	.13	.12	T.	.26	....	....	....	....	....	....	....	.03	....	6.91
Waldron	do	....	.14	.06	T.	....	....	....	....	....	....	....	....	....	....	....	....	.41	.76	.14	.17	.10	.31	....	....	....	....	....	....	....	....	....	2.09
Warren	Ouachita	....	.04	3.26	.06	....	....	....	....	....	....	....	....	....	....	....	....	.42	.09	.02	.14	....	1.02	....	....	....	....	....	....	....	....	....	5.05
Whitecliffs ‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.00	.40	....	....	....	.48	....	....	....	....	....	....	....	....	1.88
Wynne ‖	St. Francis	.62	....	.96	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	2.91	.35	.06	....	....	.03	....	....	....	....	....	....	....	....	4.24

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for June, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.0	9.3	9.0	8.7	8.2	8.2	8.7	8.2	7.9	7.5	7.5	7.4	7.2	7.0	6.8	5.4	5.2	5.0	5.0	7.5	7.5	6.6	6.6	6.4	5.9	6.1	5.7	5.3	5.0	4.8	....
Dardanelle	do	20	9.9	9.1	8.4	8.3	7.4	6.7	6.2	7.2	7.1	6.3	5.7	5.1	4.7	4.3	3.9	3.5	3.1	3.1	3.1	2.8	2.8	4.8	4.6	4.2	4.1	3.9	3.5	3.7	3 3	2.9	....
Little Rock	do	23	11.7	10.9	10.2	10.4	10.5	9.8	8.4	7.1	7.1	7.2	6.4	5.5	4.8	4.3	4.0	3.3	2 8	2.5	2.6	2.9	2.5	2.3	2.3	4.1	3 7	3.3	3.1	2.7	2.4	2.3	....
Pine Bluff	do	25	15.4	14.6	13.9	13.9	14.1	14.0	13.7	12.1	11.5	11.4	11.5	11.1	10.2	9.4	9.0	8.7	8.2	8.0	8.0	8.2	8.8	8.4	8.1	8.4	9.1	9.3	8.6	8.0	7.9	7.7	....
Black Rock	Black	14	19.5	18.9	18.4	20.7	20.3	19.2	18.0	16.7	14.5	13.8	17.3	9.6	9.0	8.5	8.0	7.4	6.8	6.4	6.2	6.0	6 0	5.8	5.5	5.3	5.2	5.0	4.9	4.8	4.7	4.6	....
Calico Rock	White	18	10.2	9.2	9.0	9.2	7.3	6.1	5 3	4.8	4.3	4.0	3.8	3.2	2.9	2.7	2.5	2.2	2.1	2.0	2.0	2.0	1.9	2.2	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.1	....
Batesville	do	23	16.8	17.3	16.2	18.6	16.2	13.9	12.7	11.8	11.1	10.6	10.2	9.8	9.2	8.9	8.7	8.4	8.2	8.0	8.2	8.0	7.9	7.8	7.9	7.7	7.5	7.4	7.3	7.1	7.0	7.0	....
Newport	do	26	21.4	21.8	21.9	22.8	23.1	22 3	21.4	20.6	19.7	19.3	18.2	16.0	15.1	13.8	12.3	11.4	10.9	9.1	8.0	8.3	8.3	7.2	6.8	6 4	5.9	5.2	5.0	4.8	4.5	4.2	...
Georgetown	do	22	22 3	22.0	22.0	22.0	22.1	22.2	22.2	22.1	22.0	21.8	21.6	21.3	21.0	20.7	20.4	19.8	18.8	17.9	16.9	16.3	15.7	14.7	13.6	12.5	11.4	10.4	9.4	8.6	7.9	7.2	....
Clarendon	do	30	28.3	28.4	28.4	28.4	28.3	28.1	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.3	27.1	26.9	26.6	26.4	26.1	25.7	25.3	24.9	24.4	24.0	23.4	22.7	21.9	21.0	20.0	18.9	....
Helena	Mississippi	42	41.2	40.3	39.1	37.7	36.4	35.2	34.7	34.1	34.0	34.0	34 3	34.3	34.2	34.0	33.5	32.9	31.9	30.9	29.4	27.9	26.3	24.6	23.1	21.7	20.5	19.6	19.0	19.1	20.2	21.7	....
Arkansas City	do	42	48.5	48.6	48.3	47.9	47.5	46.8	46.0	45.2	44.4	43.5	43.2	42.7	42.2	41.8	41.5	41.0	40.5	39.8	33.9	37.8	36.6	35.4	33.8	32.3	30.7	29.0	27.5	26.2	25.8	25.9	....
Camden	Ouachita	49	15..	15.3	14.3	14.0	16.0	17 9	17.3	15.2	13.0	11.4	10.0	9.0	7.9	7.2	6.8	6.7	5.9	4.7	4.5	5.9	5.8	8.0	7.6	7.2	6.8	6.6	6.2	6.0	5.8	5.7	....
Danville	Arkansas	20	8.1	7.2	7.3	17.6	15.1	7.6	5.8	4.7	4.0	3.6	3.1	2.8	2.6	2.3	2.2	2.1	2.0	2.7	7.5	6.4	4.2	3.8	3.6	3.4	3.1	2.8	2.6	2.3	2.1	2.0	....
Fulton	Red	28	20 3	19.2	17.7	16.6	15.9	15.4	15.0	14.4	13.6	13.0	12.4	11.8	11.3	11.0	10.8	10.7	10.5	10.2	10.2	10.4	10.0	10.0	12.8	15.1	18.1	19.0	17.8	16.2	14.5	13.4	....
Arkadelphia	Ouachita	18	3.5	3.0	2.4	5.8	5.4	4.5	3.1	2.8	2.3	1.9	1.7	1.4	1.1	1.0	1.0	1.0	1.0	1.0	2.0	2.5	2.0	1.7	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	....
Patterson	Cache	9	9.3	9.2	9.2	9.3	9.3	9.2	9.2	9.1	9.0	8.8	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.9	7.9	7.7	7.5	7.2	7.1	7.0	6.9	6.7	6.6	6.2	6.2	6.1	....

Daily Temperatures for JUNE 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Batesville §§	Maximum	87	83	70	76	80	81	82	85	88	90	90	91	94	94	91	93	90	69	74	72	81	82	84	87	90	91	91	87	89	90	...
	Minimum	63	67	65	62	54	54	53	54	58	58	63	59	60	63	67	63	71	61	56	60	58	55	58	57	60	59	59	64	60	70	...
Bee Branch	Maximum	87	90	73	77	80	84	86	87	94	95	95	97	97	100	97	99	100	75	70	78	80	80	85	93	97	96	99	98	95	93	...
	Minimum	62	65	64	61	57	54	55	57	58	61	65	60	62	63	68	62	62	57	55	58	57	63	54	58	65	63	62	65	61	69	...
Bentonville	Maximum	86	76	70	73	74	81	84	84	87	89	87	88	90	90	90	92	80	69	67	70	76	71	81	81	87	87	90	89	88	86	...
	Minimum	64	62	63	58	53	51	60	58	63	62	66	63	65	66	67	65	64	56	52	57	58	56	52	57	64	65	65	68	66	69	...
Bergman	Maximum	80	84	74	76	78	84	85	85	89	80	80	91	93	91	91	92	87	76	71	72	77	74	85	88	91	92	94	92	90	88	...
	Minimum	61	61	62	57	49	49	55	56	58	61	66	58	63	62	66	68	61	56	51	55	53	57	50	54	59	61	58	64	61	66	...
Booneville	Maximum	88	84	77	81	83	82	85	84	87	90	90	91	94	95	95	96	94	70	65	74	73	70	81	85	89	90	93	90	94	96	...
	Minimum	71	66	66	65	60	60	63	63	60	66	69	72	70	70	74	69	69	60	56	59	59	58	55	61	69	71	71	71	72	74	...
Brinkley	Maximum	88	90	72	73	81	84	83	86	92	95	93	95	97	98	95	94	95	75	73	79	84	84	87	90	92	93	96	92	89	94	...
	Minimum	64	67	65	62	60	56	55	53	56	60	67	61	65	66	66	70	71	62	55	59	58	57	60	64	61	63	65	63	65	70	...
Calico Rock §§	Maximum	88	88	70	80	81	83	85	87	88	85	90	92	95	95	95	90	88	86	73	78	81	80	86	87	89	90	97	91	93	90	...
	Minimum	64	67	67	62	56	54	57	58	60	61	66	61	69	65	68	65	69	64	64	70	79	84	86	86	91	92	92	92	89	91	...
Camden	Maximum	88	88	82	76	80	82	83	84	86	89	90	90	91	93	94	94	90	85	83	70	79	84	86	86	91	92	92	92	89	91	...
	Minimum	67	70	67	67	62	58	57	56	59	62	65	63	65	67	68	66	70	67	58	60	58	60	61	63	64	68	65	66	65	70	...
Centerpoint	Maximum	88	80	78	80	83	83	85	87	95	93	93	95	96	95	94	96	97	70	78	80	78	80	85	88	92	92	95	91	92	94	...
	Minimum	65	67	65	68	65	63	63	60	60	63	63	64	67	69	68	67	67	65	62	58	56	64	61	67	70	75	75	75	69	71	...
Conway	Maximum	90	77	75	77	81	85	86	86	91	90	93	94	96	95	94	96	95	97	70	72	76	80	76	80	88	92	92	95	91	92	...
	Minimum	67	68	67	69	59	55	57	58	59	65	67	61	63	66	69	64	67	58	57	60	57	58	58	60	68	65	64	66	63	69	...
Corning	Maximum	88	86	73	76	82	82	84	88	91	95	95	96	97	97	96	96	90	74	74	80	81	80	85	88	91	92	93	90	91	92	...
	Minimum	64	69	63	61	51	56	55	55	52	53	58	63	62	65	67	71	70	58	59	59	61	58	54	57	61	61	62	66	64	74	...
Dardanelle	Maximum	90	82	76	88	73	83	82	86	88	94	94	95	97	95	95	97	95	70	67	77	79	71	82	86	90	90	91	91	92	94	...
	Minimum	69	68	67	66	61	56	60	61	60	63	67	63	65	65	71	68	69	59	59	60	58	58	55	60	69	67	65	68	65	73	...
Dodd City	Maximum	87	85	77	75	81	82	83	81	86	87	89	90	92	92	92	92	90	74	68	70	78	75	83	85	89	90	92	90	91	87	...
	Minimum	61	61	62	59	47	54	55	56	57	58	63	57	59	61	63	63	63	64	57	52	57	59	55	51	53	58	60	58	63	59	...
Dumas	Maximum	90	88	74	78	80	83	84	87	92	94	93	94	96	98	98	93	97	85	71	80	84	87	84	90	92	92	92	91	92	94	...
	Minimum	72	68	68	67	62	55	56	56	61	65	68	62	64	71	70	71	70	68	59	62	60	67	64	66	68	66	69	64	66	70	...
Dutton	Maximum	86	78	71	77	78	81	82	85	87	88	89	89	91	91	91	91	89	71	66	74	76	69	83	84	86	88	91	88	90	88	...
	Minimum	60	60	62	61	46	45	52	51	51	54	59	53	58	56	62	57	59	56	49	53	49	51	50	42	56	59	57	62	58	66	...
Eldorado	Maximum	91	86	78	78	76	85	85	86	91	91	92	93	93	94	95	92	95	85	76	86	86	90	87	92	92	93	92	91	93	96	...
	Minimum	68	70	66	66	60	70	64	56	60	65	69	65	66	68	69	69	72	68	59	60	59	63	62	65	66	69	70	69	68	76	...
Eureka Springs	Maximum	87	81	69	75	78	81	84	83	89	88	88	88	90	89	89	91	91	73	70	71	76	75	88	85	89	89	91	90	89	89	...
	Minimum	68	60	61	59	53	51	60	61	60	64	69	67	68	71	72	70	63	56	52	57	58	57	53	58	61	62	63	70	67	67	...
Fayetteville	Maximum	85	84	76	76	76	79	85	85	88	89	88	87	89	89	88	90	89	80	67	72	76	74	85	83	88	89	89	88	87	87	...
	Minimum	66	62	62	61	53	50	58	60	60	59	67	64	62	63	63	65	63	57	53	57	65	57	51	56	63	69	67	70	67	71	...
Fort Smith	Maximum	90	82	80	80	81	84	88	88	87	93	91	92	94	94	94	95	90	71	67	75	73	71	82	85	92	91	94	92	93	95	...
	Minimum	69	67	68	68	61	60	64	64	64	66	71	68	72	69	71	67	69	61	59	62	59	60	57	62	68	71	70	73	70	74	...
Grannis	Maximum	84	80	77	79	81	81	84	86	87	84	88	88	90	90	91	89	92	75	65	74	77	72	78	86	88	88	89	86	88	89	...
	Minimum	66	66	66	66	61	56	56	56	53	61	63	60	64	63	64	63	64	59	62	62	59	58	53	62	57	59	67	69	65	65	...
Gravette	Maximum	86	75	71	73	79	80	84	89	87	89	88	88	89	89	89	89	91	84	74	68	69	74	82	81	82	88	89	89	89	87	...
	Minimum	66	61	62	61	50	49	59	57	58	60	65	61	66	62	67	64	62	58	50	56	54	50	56	57	62	65	66	67	66	68	...
Hope	Maximum	91	86	80	83	85	93	89	93	96	97	96	98	97	99	98	96	100	86	74	84	88	86	86	94	96	99	99	99	98	98	...
	Minimum	68	68	67	62	60	52	55	58	62	64	67	68	68	68	67	66	69	66	56	56	59	63	60	63	65	66	68	69	67	70	...
Hot Springs	Maximum	88	84	74	74	84	83	88	86	89	90	90	89	91	94	93	95	93	94	76	70	77	75	76	84	89	86	92	90	92	88	...
	Minimum	78	51	68	69	65	63	66	70	68	68	69	71	70	73	77	78	70	59	60	62	62	65	62	66	70	72	71	73	74	77	...
Huttig	Maximum	93	89	....	79	83	84	84	87	93	96	94	94	93	95	97	96	95	95	95	90	88	88	91	88	87	92	96	94	92	91	92
	Minimum	66	68	....	69	63	60	59	61	64	66	63	64	65	69	70	70	73	68	70	61	64	65	75	69	70	70	69	67	68	70	...
Jonesboro	Maximum	92	91	90	75	80	82	82	85	90	95	95	92	96	98	95	95	95	82	83	80	82	80	85	88	92	94	95	94	95	95	...
	Minimum	67	64	65	62	58	57	56	61	60	61	65	65	67	65	75	....	71	60	57	70	62	65	55	66	65	63	63	64	63	68	...
Junction	Maximum	94	93	83	74	82	90	89	90	92	93	94	96	97	98	99	96	95	82	76	85	88	93	91	94	92	94	93	93	90	97	...
	Minimum	65	67	58	57	60	69	63	62	63	64	65	67	66	65	69	71	72	65	62	63	64	67	64	66	65	66	64	65	67	69	...
Little Rock	Maximum	87	85	80	83	85	88	88	88	90	90	90	92	93	92	90	91	90	67	57	56	61	60	60	60	66	71	71	71	71	70	...
	Minimum	69	64	67	64	63	61	64	64	64	68	72	70	72	74	74	70	67	62	56	55	57	52	59	55	61	70	69	67	69	67	...
Lutherville	Maximum	87	83	71	77	80	82	83	83	87	90	91	91	93	93	94	95	93	72	68	73	75	71	81	87	89	88	91	89	91	92	...
	Minimum	67	67	65	63	58	59	58	60	60	66	70	66	67	68	70	67	62	56	55	57	52	59	55	61	70	69	67	69	67	71	...
Magnolia	Maximum	89	80	76	77	80	83	....	85	90	91	92	91	93	93	94	91	93	84	82	80	84	82	85	90	92	94	92	89	91	93	...
	Minimum	68	67	67	68	62	58	....	57	60	66	68	67	66	69	70	66	73	67	58	60	58	62	62	67	68	70	70	68	69	73	...
Malvern §§	Maximum	87	81	73	76	80	81	83	86	88	90	88	91	93	93	92	91	93	70	69	73	74	76	82	86	89	91	92	86	91	93	...
	Minimum	66	69	67	64	60	55	56	56	58	63	66	61	63	67	69	65	69	66	59	58	56	60	62	61	65	64	64	69	67	69	...
Mammoth Spring	Maximum	86	85	79	77	79	81	80	83	87	88	88	88	91	92	93	91	93	77	73	78	80	78	98	85	88	89	92	89	90	87	...
	Minimum	61	67	63	60	52	53	53	55	59	59	64	68	58	62	65	63	67	60	58	56	58	55	68	54	59	58	58	64	59	70	...
Marianna §§	Maximum	89	86	74	80	80	81	83	86	90	93	93	94	96	97	98	99	96	75	77	70	76	80	83	87	86	87	86	87	88	93	...
	Minimum	65	66	66	64	60	57	58	55	58	62	68	64	66	68	70	70	67	64	57	60	60	57	62	63	65	62	64	64	64	70	...
Marked Tree §§	Maximum	92	91	74	74	82	84	85	87	91	96	97	92	94	99	94	95	96	78	75	81	85	83	87	89	94	101	100	93	99	98	...
	Minimum	64	65	68	64	61	59	57	57	62	64	63	66	67	66	70	70	73	63	60	60	62	60	59	62	63	62	65	67	63	71	...
Marshall	Maximum	88	90	83	74	78	83	82	80	89	90	92	92	94	93	93	94	84	71	68	74	80	80	81	84	88	93	93	90	91	88	...
	Minimum	67	67	65	60	56	53	61	60	60	63	73	71	67	69	74	73	68	57	56	57	67	62	53	58	64	67	70	72	70	70	...
Mena	Maximum	84	83	75	77	79	82	83	84	87	90	89	89	91	91	91	90	92	68	68	73	74	73	82	86	88	90	91	88	88	93	...
	Minimum	66	67	66	64	63	56	57	58	55	61	63	61	65	64	68	66	66	63	56	57	56	59	59	58	64	68	66	66	65	70	...
Mountain Home	Maximum	88	84	73	83	82	83	82	83	87	89	90	91	94	93	92	94	83	65	72	78	82	79	84	88	90	91	93	94	91	90	...
	Minimum	60	64	63	50	54	50	54	57	60	57	64	58	61	62	64	64	64	61	57	50	59	54	58	50	53	59	60	59	57	63	...
Mount Ida	Maximum	89	85	78	80	82	83	86	85	88	91	90	92	94	95	95	93	94	77	66	75	78	72	83	88	91	90	92	90	92	93	...
	Minimum	65	67	66	65	58	54	55	56	53	58	61	64	60	62	65	59	59	59	55	57	53	52	59	58	63	62	65	62	63	68	...
Nail	Maximum	81	76	68	72	72	75	79	82	82	82	83	87	86	84	85	84	85	68	66	70	73	70	77	79	82	84	85	81	83	86	...
	Minimum	61	62	60	57	57	58	58	60	65	67	65	66	67	69	68	69	66	52	55	54	57	56	53	62	66	67	67	67	68	67	...
Newport	Maximum	81	81	69	72	79	79	80	83	87	89	90	90	91	92	92	94	90	74	71	75	79	76	80	85	87	88	88	86	87	87	...
	Minimum	66	69	67	62	60	60	59	60	64	64	70	66	68	70	72	71	70	62	55	60	62	60	60	62	67	65	66	67	67	67	...
Osceola	Maximum	88	88	88	78	83	85	87	90	92	94	95	96	98	98	96	92	92	88	80	78	83	85	89	93	95	95	92	90	92	96	...
	Minimum	65	65	68	64	60	56	56	56	56	60	62	68	67	66	67	71	72	70	66	60	60	59	59	59	62	65	62	67	65	69	...
Ozark	Maximum	84	90	88	89	92	89	94	87	90	93	91	94	95	94	93	96	94	83	71	75	76	80	82	93	96	96	98	96	98	96	...
	Minimum	69	69	70	60	73	71	78	83	89	95	94	95	97	97	95	93	97	74	70	78	83	84	85	91	93	93	96	93	92	92	...
Pine Bluff	Maximum	93	85	74	76	81	82	83	83	89	95	94	95	97	97	95	93	97	74	70	78	83	84	85	91	93	93	96	93	92	92	...
	Minimum	68	70	68	65	65	62	60	61	63	68	69	64	67	71	72	71	73	67	59	59	59	60	64	64	68	69	69	66	68	71	...
Pocahontas	Maximum	89	85	74	75	80	83	82	86	90	91	92	92	93	95	93	93	91	75	74	78	80	79	85	88	90	92	93	90	91	87	...
	Minimum	64	70	64	60	57	58	56	56	61	62	67	66	63	65	68	70	70	60	57	60	61	59	54	59	64	62	62	67	63	71	...
Portland	Maximum	88	85	75	77	80	82	82	85	89	93	91	93	94	97	96	94	93	78	72	76	80	83	86	90	94	95	94	91	93	94	...
	Minimum	69	68	70	68	64	60	61	62	64	69	69	66	68	69	70	70	72	68	61	63	61	63	65	68	71	69	69	65	67	69	...
Prescott	Maximum	90	84	74	79	83	84	86	86	90	94	93	95	96	97	97	94	97	86	69	80	83	85	85	92	94	95	94	91	93	94	...
	Minimum	66	71	68	68	63	59	59	60	60	65	66	65	66	69	70	67	69	66	60	58	60	63	62	60	67	70	68	67	68	70	...
Rison	Maximum	92	90	74	78	82	84	85	86	90	93	93	93	95	97	96	92	96	82	71	82	83	87	86	93	93	93	95	93	92	92	...
	Minimum	68	66	65	67	68	58	58	61	66	68	68	60	67	69	71	71	72	65	57	60	59	61	62	64	67	67	66	67	67	72	...
Rogers	Maximum	84	77	70	74	76	78	83	81	87	87	86	87	89	89	90	92	85	72	67	69	76	73	82	82	87	87	90	87	88	88	...
	Minimum	66	60	62	61	60	50	56	54	60	60	66	61	60	63	67	66	62	56	53	57	57	55	51	53	63	63	64	67	66	66	...
Searcy	Maximum	87	87	72	75	81	82	82	83	88	90	91	91	94	95	93	93	94	68	75	78	80	83	83	88	90	91	90	91	88	90	...
	Minimum	63	67	66	62	57	57	55	57	59	61	66	60	64	65	64	67	66	57	55	56	58	60	58	60	67	63	64	65	62	67	...
Stuttgart	Maximum	88	85	72	75	79	82	82	82	90	92	91	94	95	95	93	92	95	78	72	78	83	86	84	88	90	90	91	88	89	90	...
	Minimum	66	62	67	65	62	59	59	57	61	71	69	63	68	69	71	71	70	66	58	61	59	59	63	65	67	67	67	67	67	66	...
Subiaco	Maximum	91	82	79	83	83	84	86	86	89	92	93	94	96	96	96	97	96	71	69	75	75	70	84	88	93	94	95	95	95	95	...
	Minimum	67	68	66	65	58	57	60	61	59	64	70	65	66	66	70	67	70	58	55	59	62	64	54	60	65	68	70	71	66	66	...
Texarkana	Maximum	89	85	80	83	85	88	90	90	94	91	9	93	94	94	95	92	94	83	77	80	86	84	87	92	95	97	93	92	94	94	...
	Minimum	70	70	70	69	64	60	65	63	63	68	67	70	70	70	71	70	68	66	63	59	58	65	61	66	69	72	73	72	72	72	...
Umphers	Maximum	82	78	72	73	74	78	77	79	83	85	84	85	87	88	89	88	90	66	62	69	69	68	77	80	84	86	87	84	85	84	...
	Minimum	64	65	64	62	60	61	59	59	60	59	60	59	65	64	64	68	65	58	55	58	58	58	58	63	62	63	64	66	64	64	...
Warren	Maximum	88	83	72	77	80	82	83	85	90	91	90	91	93	93	95	90	94	82	72	79	82	87	84	90	90	89	91	89	92	93	...
	Minimum	67	69	68	66	63	58	58	58	62	67	69	64	67	70	72	72	69	67	59	61	62	63	64	66	68	68	69	67	70	71	...
Wynne	Maximum	89	91	72	72	81	82	82	86	91	96	95	96	97	99	96	96	95	80	72	80	83	84	86	93	90	92	96	94	94	94	...
	Minimum	67	69	68	64	61	58	62	56	63	65	70	65	69	70	73	70	71	63	57	60	62	60	65	63	67	64	68	70	68	68	...

§§ Instruments are read in the morning the maximum temperature then read is changed to the preceeding day, on which it most always oc

NO RAIN

Scale of Shades.

0 to 1 inch.

1 to 2 inches.

2 to 4 inches.

4 to 6 inches.

Over 6 inches.

H.B.

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WEATHER BUREAU
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CLIMATOLOGICAL DATA

ARKANSAS SECTION

JULY 1920.

BY
HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
October 6 1920.

Departure of the Mean Temperature from the Normal, July, 1920.



Shaded portions show excess (+).
Unshaded portions show deficiency (−).
Lines show amount of excess or deficiency.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXV. LITTLE ROCK., JULY, 1920. No. 7.

GENERAL SUMMARY.

The month averages nearly normal being only slightly cooler l wetter than usual. Temperature departures were nearly nly divided between positive and negative and were irregular- listributed over the State. Generally the temperatures were orable for agriculture and health. The highest temperatures urred on the 3d and 24th, and the coolest periods were from 9th to 11th, and 27th to 28th.

Rain fell somewhere within the State every day during the nth but the average number of rainy days was not abnormal. st of the daily falls were good agricultural rains and were not vy enough to injure crops or to interfere with work. The graphical distribution of the rainfall and the departures from mal were irregular, but most of the heavier totals fell in the thern portion and the lighter in the northern.

Cotton improved throughout the month and at the close was generally good to excellent condition. Boll weevil activities reased in the southern part and in the southeast were serious. ly corn was practically matured and late was in excellent dition at the close of the month. Other crops were doing y well. It rained too frequently in a few localities for good ing weather, but otherwise agriculture and outdoor work were ried on under favorable weather condition.

T. G.S.

TEMPERATURE

The July mean temperature for 55 stations in Arkansas was 8°. For 45 stations having a record of ten years or more mean was 0.3° below norma. The highest monthly mean s 82.7° at Huttig, Union County; the lowest, 75.4° at Dut- , Madison County. The highest temperature observed dur- the month was 105° at Bee Branch, Van Buren County; on 24th; the lowest, 52° at Dodd City, Marion County, Dutton, dison County, and Gravette, Benton County, on the 9th. e greatest daily range was 39° at Bergman on the 11th.

PRECIPITATION

ne average July precipitation for 71 stations in Arkansas was 2 inches. The average for 56 stations having a recordof ten years more was 0.43 inch above normal. The greatest monthly to- was 8.40 inches at Brinkley, Monore County; the least, 0.85 h at Bergman, Boone County. The greatest amount recorded ny twenty four consecutive hours was 4.70 inches at Prince on the 6th. The average number of rainy days was seven.

CORRECTIONS

March, 1920: Grannis mean minimum should be 38.8°: monthly mean should be 50.8°.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level)					Wind.				Relative Humidity		Percentage of sunshine
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 A. M	7 P. M.	
Bentonville..	30.00	30.20	9	29.73	6	2,523	22	sw.	14	84	.....	65
Fort Smith...	29.98	30.19	8	29.75	6	4,284	36	nw.	16	83	59	75
Little Rock..	30.01	30.19	9	29.75	6	4,542	26	ne.	19	86	65	59

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting.)

Thunderstorms: 1st, 2; 2d, 2; 3d, 3; 4th,10; 5th, 11; 6th, 3: 8th, 1;9th, 4; 10th, 3; 11th, 1; 12th, 8; 13th, 1; 14th, 9; 15th, 5. 16th, 7; 17th, 3; 18th, 3: 19th, 8; 20th,5; 21st, 6; 22d, 1; 23d. 1;24th, 3; 25th, 4; 26th, 4; 27th, 6; 28th, 1; 29th, 1; 30th, 2: 31st, 2.

Fog:— 1st, 1; 16th., 3.

Solar Halos:– 5th, 1.

Hail:– Little Rock , 19th, light: Booneville, 10th, light.

COMPARATIVE DATA FOR ARKANSAS---- JULY.

Year.	Temperature.				Precipitation.		Number of Days.			
	Monthly average	Departure	Highest.	Lowest	Monthly average.	Departure.	clear.	Partly cloudy	cloudy.	Precip .01 or more
1891.....	76.5	−4.6	103	50	7.24	+4.14	13	8	10	10
1892.....	79.0	−1.3	104	50	3.58	−0.44	10	11	10	10
1893.....	80.9	+0.6	103	59	2.94	−1.08	17	11	3	6
1894.....	78.4	−1.9	108	51	3.98	−0.04	17	9	5	6
1895.....	78.9	−1.4	104	55	7.34	+3.32	12	10	9	12
1896.....	83.4	+3.2	110	52	1.61	−2.30	16	11	4	4
1897.....	82.4	+2.2	109	50	3.25	−0.66	16	11	4	5
1898.....	79.9	−0.1	105	50	4.25	−0.38	12	13	6	8
1899.....	79.0	−1.1	100	52	5.14	+1.97	15	11	5	8
1900.....	79.7	−0.7	102	51	4.46	+0.63	10	15	6	9
1901.....	83.7	+3.5	116	50	2.49	−1.36	15	13	3	6
1902.....	79.4	−0.7	105	50	4.49	+0.26	14	12	5	6
1903.....	79.6	−0.6	105	53	3.86	+0.06	13	12	6	9
1904.....	77.9	−2.0	104	49	4.43	+0.59	13	13	5	10
1905.....	76.7	−3.3	106	51	7.60	+3.67	10	13	8	13
1906.....	76.7	−3.4	99	48	5.96	+2.17	13	9	9	10
1907	81.4	+1.2	108	53	1.96	−2.08	21	8	2	4
1908.....	79.2	−0.9	103	48	3.00	−0.97	15	12	4	8
1909.....	81.9	+1.7	106	50	2.51	−1.73	19	9	3	5
1910.....	79.4	−0.7	105	41	5.46	+1.50	15	12	4	10
1911.....	78.4	−1.8	106	43	4.83	+0.97	9	14	8	11
1912.....	81.3	+1.4	104	56	2.82	−1.61	15	13	3	6
1913.....	81.5	+1.6	104	55	4.31	+0.35	13	14	4	8
1914.....	82.6	+2.8	110	54	2.69	−1.05	11	15	5	7
1915.....	77.1	−1.8	107	43	2.40	−1.74	20	7	4	5
1916.....	82.8	+3.2	106	55	2.09	−1.93	19	9	3	6
1917.....	79.6	−0.3	106	50	5.10	+1.18	15	9	7	8
1918.....	79.6	−0.1	111	49	1.53	−2.53	19	7	5	4
1919.....	81.2	+1.2	104	54	1.91	−1.82	19	8	4	5
1920.....	79.8	−0.3	105	52	4.22	+0.43	15	10	6	7

Climatological Data for JuLY, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	cloudy.		
Arkadelphia	Clark	160	24	.....	.....	.....	.....	.....	.....	.....	3.90	−0.10	1.25	0	4	23	0	8	sw.	F. J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	5.80	+1.83	1.60	0	14	11	8	12	s.	Geo. E. Payne.
Bald Knob	White	229	1	.....	.....	.....	.....	.....	.....	.....	3.46	.....	1.05	0	8	15	15	1	s.	Allen Moed
Batesville	Independence	277	21	78.4	− 1.4	98	24	56	28	32	6.13	+2.94	2.22	0	12	15	1	15	.....	Mrs. Leia I. Teter.
Beebe	White	250	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ben Allen
Bee Branch	Van Buren	.....	28	81.3	+ 1.4	105	24	61	11†	37	4.15	+0.59	1.65	0	7	4	19	8	.....	J. E. Scanlan.
Bentonville	Benton	1303	14	76.6	− 1.9	96	3	55	9	31	2.83	−1.48	2.14	0	6	17	10	4	e.	U. S. Weather Bure
Bergman	Boone	1324	23	77.8	+1.9	102	22	53	28	39	0.85	−3.27	0.40	0	4	21	6	4	nw.	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	4.01	+0.17	1.40	0	9	17	6	8	s.	S. J. Howe.
Booneville	Logan	.....	6	80.8	.....	102	2†	59	10	27	5.74	.....	2.37	0	13	19	8	4	se.	Supt. Tuberculosis
Brinkley	Monroe	226	38	79.6	− 0.6	100	3	60	28	30	8.40	+4.19	2.74	0	12	12	8	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	16	80.2	.....	102	24	59	28	32	2.68	−0.56	0.90	0	9	20	0	11	se.	J. M. Richardson
Camden	Ouachita	158	34	80.5	− 0.5	97	4	65	9†	26	3.60	+0.39	1.89	0	12	17	7	7	sw.	A. B. Quarterman
Centerpoint	Howard	470	23	80.6	− 1.3	100	3	63[a]	28	28[a]	3.05	−1.08	1.10	0	4	3	12	6	w.	C. M. Huddeston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	4.08	+0.40	0.96	0	10	14	8	9	s.	R. M. Wheatly.
Conway	Faulkner	309	36	80.4[a]	− 0.3	100[a]	3	62[a]	11	28[a]	3.12	−0.41	1.27	0	5	16[a]	11[a]	2[a]	s.	E. E. Cordrey.
Corning	Clay	293	28	79.3	+ 0.5	99	24	56	28	34	3.85	+0.13	0.95	0	9	16[a]	10[a]	5	sw	N. E. Skinner
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	3.49	.....	1.70	0	9	22	1[a]	7[a]	w.	J. R. Avera.
Dardanelle	Yell	330	34	81.9[a]	− 1.0	100[a]	3	63[a]	11†	29[a]	2.60	−1.13	1.48	0	8	7	15[a]	8[a]	s.	F. H. Weiser.
Dodd City	Marion	1175	38	76.2	− 3.1	99	3	52	9	38	2.72	−1.97	0.79	0	8	2	29	0	sw.	Neal Dodd.
Dumas	Desha	162	12	80.9	− 0.3	99	3	62	11	29	2.70	−1.14	0.95	0	12	1	25	5	.....	Ben. Johnson.
Dutton	Madison	1590	18	75.4	+ 0.3	96	3†	52	9	35	5.54	+1.39	1.34	0	9	16	14	1	sw.	J. M. Ricketts.
Eldorado	Union	265	16	80.9	− 0.4	98	3	65	11	24	7.96	+4.05	3.20	0	10	5	19	7	sw.	Mrs. Virgil N. Wa
England	Lonoke	229	13	81.0	− 0.5	102	2	62	7†	30	1.93	−1.05	0.35	0	11	7[a]	16	8	s.	R. H. Hardin.
Eureka Springs	Carroll	1465	18	78.4	+ 0.6	99	3	56	9	33	3.14	−1.02	1.11	0	5	22	7	2	sw.	George W. Nichoal
Fayetteville	Washington	1451	34	78.2[c]	+ 0.5	96[b]	4†	55[d]	9	30[d]	4.71	+0.58	3.88	0	4	26	7[c]	1[c]	sw.	University of Arka
Fort Smith	Sebastian	481	38	81.4	+ 0.4	102	3	64	10	28	1.92	−1.92	1.11	0	11	15	11	5	e.	U S Weather Bu
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	3.10	−0.40	1.48	0	6	16	10	11	s.	T. J Logan
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	5.52	.....	1.30	0	9	21	0	10	.....	Cleve Bell.
Gillett	Arkansas	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. E F. Bovenbur
Grannis	Polk	921	2	77.8	.....	96	3†	59	10†	32	4.75	.....	1.89	0	7	21	8	2	se.	Dr. F. C. Mullins
Gravette	Benton	1250	22	76.1	− 1.1	95	3†	52	9	35	22.5	−2.58	1.15	0	7	16	8	7	sw.	A. F. Stevens
Hardy	Sharp	643	23	79.6	+ 0.5	98	2†	56	28	37	1.91	−2.21	1.80	0	3	13	16	2	sw.	Miss Artie Madde
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	5.59	+1.75	2.18	0	12	19	2	10	s.	T. J. Mitchell.
Hidgen	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	2.54	.....	1.30	0	5	13	7	11	.....	Chas. Smothers.
Hope	Hempstead	377	48	82.3[a]	+ 2.0	101[a]	3†	65	28	30[a]	7.12	+2.53	4.05	0	7	16[a]	10[a]	4[a]	s.	N. P. O'Neal.
Hot Springs	Garland	600	28	82.6	+ 1.5	98	24	68	10	21	3.24	−1.30	0.99	0	10	21	8	2	s.	A. & N. Gen. Hos
Huttig	Union	.....	12	82.7[e]	+ 0.9	96[f]	25	65[e]	11	25[f]	7.82	+3.71	2.90	0	9	10[d]	15[d]	2[d]	.....	C. A Berry.
Jonesboro	Craighead	345	25	80.3	0.0	98	3†	60	10	30	5.62	+2.49	3.05	0	8	14	12	5	s.	Benedictine Sister
Junction‡‡	Union	182	27	80.9	− 0.3	100	1	64	12	30	7.18	+30.6	2.80	0	6	17	10	4	sw.	J. A. Lowderback
Lewisville	Lafayette	262	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. H. Dismukes.
Little Rock	Pulaski	286	41	80.4	− 0.2	99	3	61	27	24	3.06	−0.93	1.33	0	10	9	17	5	s.	U. S. Weather Bur
Lutherville ††	Johnson	775	23	79.8	+ 0.6	99	8	59	27	32	3.92	+0.34	1.30	0	11	22	8	1	w.	H. Kauffeld.
Magnolia	Columbia	315	2	80.5[i]	.....	99[i]	24	67[i]	9†	28[i]	5.82	.....	1.36	0	8	4[i]	17[i]	1[i]	s.	State Agriculture S
Malvern	Hot Spring	277	37	80.2	− 0.8	99	25	63	9†	27	3.87	+0.45	0.85	0	10	6	17	8	sw.	Mrs. Kate L. Smit
Mammoth Spring	Fulton	512	15	77.4	− 0.4	97	3†	54	28	33	3.21	−0.79	1.52	0	7	18	12	1	sw.	W. S. Vincent.
Marianna	Lee	235	9	77.0	− 4.1	96	24	62	11†	25	3.50	.....	1.00	0	9	12	7	9	s.	W. K. Truesdale
Marked Tree	Poinsett	229	15	81.8	.....	102	24	60	28	36	4.33	+1.38	1.35	0	11	17	11	3	ne.	Charles Walton
Marshall	Searcy	1083	5	78.8	.....	97	24	58	27	29	4.24	.....	1.18	0	10	7	22	2	s.	W. F. Reeves.
Mena	Polk	1284	32	78.8	− 1.4	57	3†	60	10	29	2.03	−2.39	0.65	0	9	16	9	6	n.	V. W. St. John.
Morrilton	Conway	347	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Dilbeck.
Mountain Home	Baxter	800	6	78.2	.....	100	1†	54	9	37	4.99	.....	2.00	0	10	17	10	4	s.	B. S. Halbert.
Mount Ida	Montgomery	730	19	79.5[c]	.....	69[c]	3	60[b]	9†	34[c]	3.81	−0.01	1.30	0	7	14[b]	13[b]	2[b]	se.	G. A. Whittington.
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	1.40	.....	1.07	0	2	22	0	9	e.	Henry A. Davis.
Nail	Newton	2233	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Paxton.
Newport	Jackson	231	36	79.8	− 1.3	100	24	61	28	30	4.39	+1.30	1.72	0	6	10	19	2	s.	George L. Robinso
Osceola	Mississippi	240	20	80.2	+ 0.1	98	3†	62	23	29	3.33	−0.18	1.25	0	6	9	10	12	.....	Atwood P. Smith.
Ozark	Franklin	377	24	80.2[g]	− 1.3	101[f]	3	60[b]	8†	32[b]	4.28	+0.52	1.68	0	6	11[f]	10[f]	4[f]	se.	Isham Burrow
Patterson	Woodruff	196	4	.....	.....	.....	.....	.....	.....	.....	7.25	.....	2.13	0	10	24	6	1	se.	W. E. Baker
Pine Bluff	Jefferson	215	36	82.0	0.0	100	3	61	27	27	3.78	−0.08	1.28	0	9	21	4	6	s.	Roy H. Hammond.
Pocahontas	Randolph	300	28	79.4	− 0.5	97	3†	60	11	32	5.40	+0.70	2.45	0	9	9	20	2	.....	Benedictine Sisters
Portland	Ashley	122	14	81.2	− 0.2	99	3	65	11	29	5.77	+1.00	2.33	0	9	9	14	8	sw.	W. E. Edmiston.
Prescott	Nevada	327	38	81.4	− 0.4	100	3	65	28	26	4.74	+1.50	1.72	0	9	23	1	7	sw.	S. T. White Jr.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	7.40	+3.32	4.70	0	5	27	0	4	sw.	Foote Coleman.
Rison	Cleveland	243	18	81.0[b]	+ 0.7	102[b]	3	63[b]	27	30[b]	4.00	+0.50	2.00	0	3	1[b]	23[c]	5[b]	w.	Geo. H. Tisdale.
Rogers	Benton	1385	29	77.0	+ 0.2	98	5	54	9	34	1.04	−33.6	0.82	0	5	24	5	2	sw.	Carl A. Starck.
Searcy	White	236	7	79.2	.....	98	24	61	27†	26	1.14	.....	0.40	0	7	11	8	12	sw.	Miss Sarah Cypert.
Sheridan	Grant	300	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Elsie. Glover.
Springbank ††	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	7.29	+4.29	4.50	0	6	21	0	10	.....	G. Field.
Stuttgart	Arkansas	228	32	80.0	− 0.7	100	3	62	27	29	2.23	−2.13	0.85	0	8	11	16	4	se.	H. A. Buerkle.
Subiaco	Logan	1050	23	81.1	+ 0.2	101	3	64	10†	28	6.04	+2.56	2.22	0	12	12	16	3	ne.	New Subiaco Abbe
Texarkana	Miller	332	38	82.4	+ 0.1	99	3	68	10	24	7.20	+4.05	1.90	0	9	22	4	5	s.	H. S. Brashear.
Umpher ‡‡	Yell	2090		76.4	.....	93	3	61	27	23	5.03	.....	1.18	0	11	17[b]	11[b]	1[b]	s.	U. S. Forest Servic
Waldron	Scott	675	32	.....	.....	.....	.....	.....	.....	.....	2.47	.....	0.68	0	9	7	17	7	s,	Cheves. Bevil.
Warren	Bradley	206	25	80.6	− 1.2	97	3†	65	9†	24	3.92	−0.15	1.55	0	9	8	20	3	sw.	J. L. Klegg.
Whitecliffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	3.80	+1.86	1.00	0	7	14	6	11	se.	Eulcla M. Schirme
Wynne	Cross	250	12	80.8	+ 0.6	98	3†	60	28	28	5.75	+2.27	1.75	0	13	15	6	10	s.	E. O. Allen.
tate Means and Extremes				79.8	− 0.3	105	24	52	9	39	4.22	+0.43	4.70	0	7	15	10	6	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] appear in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post office addresses of these stations as follows:- Junct Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark., Umphers, Rover, Ark.

Daily Precipitation for July, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia ‖ ‖	Ouachita						.90		.95											.80								1.25					3.90
Arkansas City ‖ ‖	Mississippi					1.60	.15	.51	.09	.06	.34				.03	.37	T.	.05	1.48	.26	.32												5.80
Batesville ‖ ‖	do	.81	.15			2.22	.65			.47	.05				.36		.74	.17	.18		.55	.50				.29							3.46
Bee	do																									T.			.13			.20	6.13
Bee Branch	Arkansas	.50			.85		1.65					.20								.20		.10						.65					
Bentonville ***	do					.08	.02						.24		.10		2.14																4.15
Bergman	White		.40																	.20								.25					2 83
Black Rock ‖	do	.25	.10				1.20	.17			.05	.10				1.40										.24		.01					0.85
Booneville	Arkansas	T.		.01	.78	.04	T.		.04	.33	.85				.13		.21	.49		.12						.62							4.01
Brinkley ‖ ‖	White	2.74				.71	.58	.21			.15	1.04		.14		.73	T.		.53			.61				.12	.02	2.37					5 74
Calico Rock ‖ ‖	do		.25			T.	.15	.01			.10	.50				.25		.35			.17					.90	.84						8.40
Camden ‖	Ouachita						1.89				.20								.40	.17	.05		.02				.02	.04	.08	.10	.54	.09	2.68
Centerpoint	Red					.75				.10								1.10	T.							.03		.26					3.60
Clarendon ‖ ‖	White	.70				.08	.47	.40			.96		.40			.27			.51										1.10				3.05
Conway	Arkansas				.35		.35			T.	.23															T.		1.27			.91		4.08
Corning	White	.45	.03				.19					.88			.95	.87		.12															3.12
Danville ‖ ‖	Arkansas	1.70				.12	T.				.22			T.		.24		.22	.03		.02	.62					.35					.01	3.85
Dardanelle	do	1.48									.04	.02				.10		.07	.46			.05						.32					3.49
Dodd City	White	.05				.09					.77																	.38					2.60
Dumas	Arkansas					.95	.27			.10	T.		T.		.04	.02		T.	.65	.09	T.		.12	.40	.06	T.	.09	.32				.56	2.72
Dumas	White	.20			1.34	T.				.12				1.15		.67										.05	.55					2.70
El Dorado ‖	Ouachita						3.20	.46			1.12				.02				.81			.36			.05	1.29	.46					5.54
England	Arkansas				.18	.25	.03			.22	.21	.10	.04					T.	2.12	.06	.08		.64		.04						.22		7.96
Eureka Springs	White				.16								.40		.30		1.10			.35	.08						.30	.17			T.		1.93
Fayetteville	do												.25		.07		3.88											1 18					3.14
Fort Smith ***	Arkansas			.10	.31				.17	.02			.04		.03		1.11	.07		.02	.04						.50						4.71
Fulton	Red						1.48	.11			.24							T.	.81		.35						.01						1.92
Georgetown ‖	White	1.03	.09				.50						.60		.30	1.30			.80			.20				.70				T.	.07		3.10
Gillett	Arkansas																																5.52
Grannis	Red					.29	36		T.	.49						T.		1.10	1.89	.35	T.												
Gravette	White	.02				.20	.09						.47		.12		1.15												.27				4.75
Hardy	do	T.				1.80					T.				.02					T.								.20				2.25
Helena ‖ ‖	Mississippi	.41				.03	.01	.44			.52	.26				1.24	.02		.10		.14											.09	1.91
Higden	White	.15					.65													1.30						2.18		.16				5.59
Hope	Red				4.05					.15			T.					.19	.81	.13						.14		.30					2.54
Hot Springs	Ouachita		.14		.62		.28				.47		T.		.11				.19	.99		.20		.31					1.48				7.12
Huttig	do					1.16	2.90			1.50			.07	.80	.46				.74		.07					.15	.09						3.24
Jonesboro	White			.05			.74									3.05		.35		.39	.60				.32		.12						7.82
Junction	Ouachita						2.80				2.00		.17	T				.97		.86												.12	5.62
Lewisville	Red																												T.	.38			7.18
Little Rock ***	Arkansas				.52	.02	T.			.02	.68		.08	T				.01	T.	.34						.06	.01	1.32						
Lutherville	do	.41					.02		.03	.04			.03		.05		.21	.16				.48			1.30		1.19						3.06
Magnolia	Red					.78	1.22			.30																							8.92
Malvern	Ouachita					.10	.84				.19				.35		.20		.10		.18			1.36			*					1.23	5.82
Mammoth Spring	White				T.		1.05									1.52	.02	.12		T.	.67						.10	.47	.85				3.87
Marianna ‖	Mississippi	.10			T.	.20	.50			.60	.40				1.00			.20								.27	.08					.15	3.21
Marked Tree ‖ ‖	St. Francis		.90				.44		.20	.06		T.					1.35		.11	.46		.50		.20			.30					3.50
Marshall	White	1.18		T.	T.	.34	T.		T.	T.	.18						.04	T.	28	.04	.42	T.		.13		.09						.09	4.83
Mena ‖	Ouachita					T.	.63	T.	T.		.65								.22	.03		.01	.02	.06		.39		.02					2.03
Morrilton	Arkansas																																
Mountain Home	White	T			.04	.06	.23				.37				.23	.04	.08			1.74						2 00	.20						4.99
Mount Ida	Ouachita				.07	.15	.30			1.30							T.	.47	.57		.95												3.81
Murfreesboro ‖ ‖	do																		1.07	.33													1.40
Nail	White																																
Newport	do		.30				1.06	.92								1.72					.09												4.39
Osceola	Mississippi		.05				.73	.50								1.25				T.		.70		.10	T.							3.33
Ozark	Arkansas				1.15	.04					T.				.25		1.04	.12		1.68												4.28
Patterson ‖	Cache	.60	.38		.07	.70									.93		1.60				2.23					.18		.47	.17			7.25
Pine Bluff ‖	Arkansas						.50				.21	.08							.04		.14			.48			.11	.94	1.28				3.78
Pocahontas	White	.40					1.20								.05	2.45				.25	.60					.15	.10					.20	5.40
Portland	Ouachita					2.00	2.33				.40			.29		.09			.60			.03		.01		.02							5.77
Prescott	do						.80				.12				T.				.65	1.72	.24			.05					.01	1.05		.10	4.74
Princeton ‖	Ouachita						4.70			.20	.30															.20		2.00					7.40
Pulison ‖ ‖	do					2.00																				2.00							4.00
Rogers	Arkansas	.08											.03		.05		.82											.06					1.04
Searcy	White						.20				.40			.11		.12					.02					.01		.28					1.14
Sheridan	Ouachita																																
Springbank ‖ ‖	Red						4.50				.23			.67			T.	T.	1.67	.10	.12												7.29
Stuttgart	Arkansas				.02	.85	.25						.16			.24		.45	.01														2.23
Subiaco	do				.45	.02			.03	.02		.08	.09		1.20	T.	.61	.17		1.14	2.22						.25						6.04
Texarkana ‖	Red					1.40	1.60			.35							.10	.50	1.90		.50						.01						7.20
Tomphers	Arkansas	1.18			.02	T.			.20	.50					.50	.05		.22		.05						T.	.97	.82		.35		.50	5.03
Valdron	do				.04	.09			T.	.68							.40	.46		.34				.11	.23	.12					.52		2.47
Warren	Ouachita					.90	1.55				.04							.76	.20	.05				T.		.06	.06	.80					3.92
Whitecliffs ‖ ‖	Red						.10	.70			.20							.70	.90		.20								1 00				3.80
Wynne ‖	St. Francis	1.42	.02		1.09		.53	.05			.08	.04			1.75				.25		.23	.02		.22		.05							5.75

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. ** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for July, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.6	4.5	4.4	4.2	4.5	4.8	4.6	5.2	5.9	5.2	5.2	5.2	5.8	5.2	6.2	5.1	5.2	5.5	6.2	7.0	7.7	7.3	6.9	6.8	6.6	6.4	6.3	5.4	5.0	5.0	4.5
Barnelle	do	20	2.9	2.4	2.1	2.1	2.0	2.9	2.6	2.5	2.5	3.1	3.5	3.0	2.9	3.1	3.4	3.0	3.0	4.1	3.4	3.7	4.9	5.1	5.2	4.7	4.5	4.4	4.4	4.4			3.0
Little Rock	do	23	2.6	2.0	2.0	1.5	1.4	1.2	1.5	2.8	2.2	1.7	1.7	1.8	2.2	1.8	1.7	1.8	1.9	1.4	1.8	2.4	2.1	2.4	3.5	4.1	4.1	3.5	3.3	3.2	3.1	3.1	2.8
Pine Bluff	do	25	6.6	6.4	6.6	6.8	6.8	6.7	6.5	6.4	8.3	8.8	8.0	7.6	7.9	8.1	7.9	7.8	7.7	7.7	7.6	7.6	8.1	8.3	8.7	9.4	9.8	8.6	8.2	7.9	7.8	8.0	7.9
Black Rock	Black	14	4.5	4.6	4.5	4.4	4.2	4.5	5.0	5.0	4.5	4.4	4.0	4.0	3.8	3.7	6.0	5.6	4.5	4.0	4.0	4.4	4.4	4.0	3.8	3.6	3.6	3.6	3.4	3.3	3.2	3.2	3.0
Calico Rock	White	18	1.1	1.2	1.1	1.2	1.0	2.0	1.7	1.7	1.6	1.3	1.3	1.0	0.9	0.8	0.8	0.9	1.2	0.9	0.9	1.4	1.3	0.9	0.8	0.7	1.8	0.9	0.8	0.7	0.9	1.0	0.8
Wesville	do	23	6.9	7.0	6.9	6.8	6.8	7.2	7.8	7.5	7.4	7.1	6.9	6.9	6.7	6.4	6.7	6.4	6.4	6.7	6.4	6.7	7.0	6.9	6.4	6.2	6.1	7.1	6.4	6.3	6.1	6.4	6.7
Newport	do	26	4.0	4.0	4.0	4.0	3.9	3.8	5.0	5.6	5.7	5.6	5.4	5.0	4.7	4.2	3.9	4.9	4.8	3.9	3.9	3.8	3.8	3.6	3.5	3.4	3 3	3.3	3.2	3.3	3.3	3.2	3.1
Georgetown	do	22	6.8	6.4	6.1	5.7	5.5	5.2	5.3	6.3	6.5	6.7	6.2	6.0	5.5	4.9	4.8	4.2	4.2	4.9	5.5	5.0	4.7	4.4	4.1	4.0	3.8	3.9	3.4	3.2	3.0	3.0	2.8
Clarendon	do	30	17.9	17.0	16.1	15.3	14.6	14.2	13.8	13.5	13.4	13.8	14.0	14.1	13.9	13.5	13.0	12.6	12.4	12.5	12.9	13.2	13.1	12.9	12.6	12.4	12.4	12.4	12.3	12.2	12.0	11.9	11.8
Helena	Mississippi	42	23.8	24.3	24.8	25.0	25.6	25.0	25.0	25.0	24.8	24.8	24.1	23 9	23.9	24.2	24,6	24,8	24.7	24.4	24.0	23.7	23.6	23.8	24.1	24.4	24.4	24.4	24.1	23.7	22.9	22.3	21.5
Arkansas City	do	42	26.9	28.0	29.0	29.4	29.6	29.7	29.7	29.5	29.3	29.3	29.0	28.8	28.5	28.5	28.5	28.6	29.2	29.2	29.1	28.8	28.5	28.2	28.0	28.0	28.2	28.3	28.4	28.4	28.0	27.4	26.8
Camden	Ouachita	49	5 4	5.3	5.2	5.1	5.0	5.0	5.3	5.9	6.3	6.0	6.0	5.9	5.7	5.0	5.5	5.3	5.4	5 2	5.2	5.2	6.0	6.4	8.1	7.5	7.2	7.0	6.9	6.4	6.0	5.7	5.5
Danville	Arkansas	20	4.8	4.2	3.9	2.6	2.4	2.2	2.0	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.8	1.9	1.8	1.8	2.4	3.6	3.8	3.4	3.1	2.8	2.8	3.4	4.2	3.1	2.6
Hadelphia	Ouachita	18	1.6	5.2	4.7	4.4	4.0	3.5	3.2	1.3	1.2	1 :	1.2	1.7	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	1.9	1.0	1.0	1.0	1.2	1.6	1.2	1.0	1.0	1.0
Patterson	Cache	9	5 9	5.6	5.	5.0	4.6	4.3	4.1	4.0	4.0	4.0	4.0	4.0	3.7	3.5	3.5	3.5	3.5	3.5	3.5	5.6	7.0	7.0	6.8	6.6	6.6	6.2	5.7	5.3	5.1	4.8	4.4

Daily Temperatures for JULY 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Batesville §§	Maximum	92	95	94	91	91	85	82	83	85	83	85	89	89	90	89	87	88	90	90	92	93	95	94	98	88	82	76	88	90	91	90
	Minimum	70	71	70	73	70	69	66	62	61	67	59	65	69	70	71	71	70	71	71	70	70	71	71	71	73	67	66	56	59	66	68
Bee Branch	Maximum	95	100	100	94	95	91	90	90	90	86	98	98	94	94	96	94	94	97	103	101	97	104	100	105	95	96	83	88	9	91	94
	Minimum	70	75	73	67	66	68	66	64	63	64	61	65	68	69	70	68	70	72	69	67	69	68	69	71	72	68	68	61	65	68	68
Bentonville	Maximum	93	94	96	94	90	83	84	80	78	83	87	88	88	84	89	76	85	89	89	89	92	93	93	95	91	88	82	88	93	94	90
	Minimum	71	71	68	69	66	66	63	61	55	58	58	65	70	69	71	66	63	68	67	65	68	67	70	72	73	68	58	58	57	67	70
Bergman	Maximum	93	97	100	96	91	88	86	82	85	85	92	93	92	90	95	88	93	98	96	92	100	102	99	101	93	86	73	88	93	94	94
	Minimum	69	73	63	66	66	64	62	59	58	56	55	62	67	68	65	64	60	69	57	66	65	65	67	70	70	66	56	53	56	65	68
Booneville	Maximum	100	102	102	97	85	86	90	88	87	85	89	91	92	89	92	87	88	91	93	92	89	93	95	99	99	94	86	86	89	92	93
	Minimum	73	78	78	70	70	69	69	66	66	59	65	72	72	70	69	68	69	73	74	69	70	73	72	76	77	72	63	64	65	71	72
Brinkley	Maximum	95	95	100	90	91	85	89	89	90	82	89	92	92	93	87	85	87	89	95	94	93	97	97	99	89	85	79	90	92	94	94
	Minimum	71	75	75	70	69	70	67	66	63	63	61	65	69	69	69	68	70	72	71	70	71	70	69	70	70	67	62	60	66	70	67
Calico Rock §§	Maximum	98	98	98	98	93	91	91	86	90	84	87	90	92	92	92	87	91	95	94	94	96	99	101	102	89	80	78	89	92	92	92
	Minimum	72	72	67	71	70	71	67	63	60	63	62	65	72	71	71	71	71	73	72	71	70	71	71	71	72	69	65	59	60	66	70
Camden	Maximum	90	95	95	97	95	87	86	91	91	90	86	88	90	91	92	92	87	89	86	92	88	92	94	95	96	96	94	82	85	91	89
	Minimum	75	72	73	72	73	72	72	68	65	67	65	69	70	70	72	69	73	70	71	70	70	72	70	69	74	71	70	68	68	70	69
Centerpoint	Maximum	94	95	100	98	86	89	91	93	90	90	87	85	90	93	94	92	90	89	91	97	88	92	95	95	97	98	87	84	87	90	90
	Minimum	72	71	75	75	70	68	68	70	65	65	68	70	72	71	72	70	67	67	69	69	69	69	71	72	72	73	74	64	63	....	66	66
Conway	Maximum	96	97	100	92	93	89	90	85	88	83	90	93	94	92	90	89	90	91	94	93	95	96	98	99	94	96	79	93	88	92	91
	Minimum	73	71	74	70	68	72	67	66	65	68	62	68	70	70	70	69	72	73	69	69	71	70	71	72	74	69	62	63	66	70	....
Corning	Maximum	96	98	98	98	94	87	88	87	88	87	87	90	92	88	92	89	88	93	90	88	95	96	96	99	87	82	83	90	93	94	92
	Minimum	71	69	68	73	73	71	67	62	58	67	60	65	72	67	70	70	72	69	70	71	68	70	73	73	70	65	58	56	60	65	70
Dardanelle	Maximum	98	99	100	91	91	89	91	87	85	84	92	94	95	89	92	96	90	93	93	94	95	97	98	99	98	94	83	72	84	89	90
	Minimum	73	78	75	76	72	72	70	66	68	66	63	68	73	74	71	71	71	70	73	71	71	72	73	75	75	74	63	64	....	66	71
Dodd City	Maximum	94	97	99	96	87	89	88	86	82	81	86	82	90	90	90	87	89	95	91	87	92	94	95	98	94	83	72	84	89	90	90
	Minimum	69	67	61	66	66	67	60	58	52	58	55	62	68	68	63	65	62	68	62	67	65	65	66	67	69	65	56	57	55	65	65
Dumas	Maximum	97	95	99	97	95	87	90	93	90	83	88	92	93	96	89	86	90	88	93	95	97	97	94	97	97	92	82	88	92	84	94
	Minimum	77	75	77	77	76	70	71	69	65	67	62	66	69	72	75	60	71	72	72	72	71	72	68	71	71	72	64	65	67	67	63
Dutton	Maximum	92	94	96	96	83	85	87	81	83	84	85	88	87	82	90	81	85	90	93	91	91	94	93	96	96	90	69	84	89	91	90
	Minimum	66	74	64	67	63	65	58	58	52	56	59	58	67	66	65	63	63	67	64	62	63	62	62	64	65	67	62	60	54	61	63
Eldorado	Maximum	97	96	98	94	93	88	90	92	90	85	89	91	92	92	89	89	89	92	93	89	92	93	94	95	96	94	84	83	90	91	91
	Minimum	74	73	75	71	73	70	72	69	67	66	65	70	70	71	71	71	72	70	73	69	71	72	73	71	71	76	72	70	66	69	72
England	Maximum	98	102	87	92	88	91	89	90	85	92	91	93	94	91	87	89	93	92	93	94	95	96	98	100	94	93	82	92	94	95	95
	Minimum	74	77	75	76	70	71	62	65	64	68	62	66	68	70	71	68	71	73	73	70	72	70	70	71	75	70	63	64	68	69	71
Eureka Springs	Maximum	93	97	99	98	89	85	88	84	81	88	90	93	89	87	93	85	87	92	92	91	95	95	95	96	95	92	77	86	91	93	96
	Minimum	70	76	68	69	66	65	62	64	56	68	57	65	68	69	69	65	64	68	69	66	67	67	72	74	76	66	57	57	58	68	70
Fayetteville	Maximum	92	94	95	96	93	84	86	82	83	....	88	89	89	84	93	91	88	92	90	90	88	93	92	95	96	91	87	....	90	91	93
	Minimum	71	75	68	....	67	66	....	62	55	....	58	63	70	67	69	66	64	70	68	65	67	66	68	72	74	63	59	....	61	65	68
Fort Smith	Maximum	98	98	102	100	86	87	89	84	84	86	91	91	93	86	95	83	87	90	95	92	90	96	97	99	78	94	74	67	67	66	73
	Minimum	74	79	76	72	72	70	69	69	67	64	66	69	74	71	71	68	69	75	75	71	73	75	74	77	78	74	67	67	66	73	74
Grannis	Maximum	92	94	96	94	81	84	88	85	85	86	86	87	89	90	96	89	82	87	89	86	89	91	91	93	92	92	86	83	89	87	88
	Minimum	72	69	64	69	70	69	63	63	60	59	59	69	72	69	66	69	71	67	68	68	71	69	68	68	70	70	67	63	67	68	68
Gravette	Maximum	92	93	95	93	89	89	82	83	85	77	84	86	88	87	83	89	83	85	89	90	91	92	93	93	85	89	80	80	82	90	92
	Minimum	72	76	64	70	67	64	55	60	52	55	55	61	70	66	70	67	61	65	67	66	67	65	66	70	67	68	63	59	60	55	72
Hope	Maximum	100	99	103	101	92	87	91	....	92	87	92	94	98	98	94	93	85	90	95	89	94	96	99	99	99	93	84	85	93	94	97
	Minimum	72	82	76	73	71	70	69	....	66	68	67	70	70	69	75	69	71	69	73	69	69	71	70	74	75	70	67	68	71	73	74
Hot Springs	Maximum	91	94	94	93	86	88	84	87	87	85	88	90	90	92	94	89	88	86	92	91	87	94	90	98	97	93	84	88	91	92	95
	Minimum	77	79	79	79	78	72	73	76	75	68	74	76	74	75	73	74	78	71	73	71	75	75	75	78	76	78	76	75	75	75	....
Huttig	Maximum	97	98	98	95	95	92	93	94	91	....	90	93	93	95	....	90	....	90	93	95	95	93	95	97	99	....	85	....	92	95	....
	Minimum	76	78	76	70	73	70	72	70	68	....	65	69	70	70	....	67	....	70	74	72	72	79	71	76	75	....	71	67	74	72	....
Jonesboro	Maximum	95	95	98	96	96	89	88	87	87	86	89	94	95	94	88	92	87	91	91	91	93	96	96	98	96	91	87	....	90	92	94
	Minimum	75	70	75	78	72	71	68	66	63	66	64	70	71	70	70	70	70	73	72	71	72	72	71	73	73	71	68	63	66	67	70
Junction	Maximum	100	99	99	98	85	88	92	94	93	84	92	94	93	94	95	92	91	92	91	92	92	94	96	96	94	90	77	88	89	89	89
	Minimum	74	73	74	75	75	69	65	68	67	65	66	64	65	66	67	66	66	65	66	66	65	66	66	68	67	66	58	58	59	73	73
Little Rock	Maximum	96	95	99	83	88	86	88	84	88	82	86	90	91	88	84	86	90	90	90	92	91	94	94	96	94	92	82	85	90	91	93
	Minimum	74	76	75	72	70	72	71	70	68	64	66	70	70	72	73	71	73	74	73	72	73	73	74	74	75	72	61	68	71	73	73
Lutherville	Maximum	96	98	99	92	88	87	89	86	85	86	90	92	94	89	94	93	95	96	97	93	95	96	97	97	96	96	88	82	85	90	91
	Minimum	71	76	73	72	68	69	66	65	65	65	63	66	71	69	69	68	68	71	68	63	71	71	73	70	69	59	66	67	70	70	71
Magnolia	Maximum	95	....	98	95	92	85	89	91	90	85	87	90	90	92	91	89	93	94	93	94	96	96	99	99	99	96	84	86	90	92	93
	Minimum	72	....	75	71	75	69	72	70	67	67	68	71	72	71	71	70	74	70	74	70	....	79	69	71	....	....	....	....	....	....	....
Malvern §§	Maximum	94	95	98	91	86	84	89	88	90	85	89	88	92	90	95	90	85	91	92	91	94	95	97	98	69	75	69	85	93	94	97
	Minimum	70	72	73	75	71	72	67	64	63	69	64	66	69	70	70	69	70	70	71	68	73	70	76	72	75	76	71	68	73	76	76
Mammoth Spring	Maximum	94	95	97	97	90	84	84	85	85	81	84	89	89	88	89	87	88	90	91	89	89	93	95	97	97	93	83	84	87	89	90
	Minimum	68	67	64	69	68	69	64	61	58	64	57	63	67	69	68	70	69	68	70	71	69	68	67	69	69	69	66	64	67	69	70
Marianna §§	Maximum	92	96	92	87	85	80	83	84	84	85	84	87	90	89	92	85	82	82	82	81	80	84	85	83	96	81	84	76	87	89	90
	Minimum	73	74	75	74	72	72	67	65	65	64	62	67	70	69	70	69	71	74	73	71	70	71	69	72	71	69	62	62	62	67	66
Marked Tree §§	Maximum	99	99	100	92	99	88	87	96	97	86	98	101	92	94	89	88	91	89	99	92	96	98	97	102	96	85	83	93	94	96	98
	Minimum	69	72	73	73	73	72	69	66	64	69	63	65	71	70	70	70	73	73	72	76	68	73	72	74	72	67	64	66	67	68	70
Marshall	Maximum	95	96	96	97	91	86	87	81	82	83	84	88	92	96	88	86	88	92	89	87	95	96	98	99	94	93	83	72	81	91	87
	Minimum	76	78	71	73	68	70	67	63	60	63	62	68	74	76	70	76	68	72	72	68	70	69	73	74	73	70	58	60	62	71	71
Mena	Maximum	92	95	97	97	82	85	88	83	85	84	86	86	89	92	89	87	87	93	89	87	89	90	93	95	96	93	86	90	89	93	93
	Minimum	74	71	72	74	69	69	64	64	62	60	63	65	72	71	69	68	76	69	70	67	71	68	70	73	75	68	72	72	70	69	64
Mountain Home	Maximum	100	98	100	100	95	92	90	85	85	84	89	94	94	93	93	93	89	91	94	91	85	92	95	99	90	90	76	78	85	89	93
	Minimum	70	68	63	66	67	68	64	59	54	61	57	63	69	72	68	65	67	67	67	67	67	68	67	68	70	68	65	68	67	68	65
Mount Ida	Maximum	95	97	99	96	86	88	91	96	89	87	90	91	92	93	94	90	87	89	95	93	92	95	96	98	99	94	82	87	....	....	....
	Minimum	69	71	69	72	68	69	64	62	60	61	61	64	71	69	68	67	66	69	68	68	70	69	71	69	69	69	66	62	60	....	....
Newport	Maximum	91	91	92	91	92	81	83	81	83	80	85	89	89	90	85	85	87	91	93	89	91	93	96	100	93	85	77	90	94	92	....
	Minimum	72	72	75	78	72	71	70	68	65	67	64	69	72	72	72	69	69	71	73	70	72	73	74	75	74	71	66	61	64	69	....
Osceola	Maximum	94	93	98	98	96	89	88	89	89	85	89	92	92	92	89	89	88	89	89	88	91	92	93	95	96	94	84	85	90	91	92
	Minimum	70	70	72	72	78	73	69	67	63	70	68	63	68	72	69	69	71	73	73	70	73	71	71	73	75	69	68	62	63	63	....
Ozark	Maximum	98	99	101	100	98	90	89	91	90	91	90	91	90	90	90	88	88	88	95	93	94	94	94	94	97	....	....	....	....	....	....
	Minimum	67	70	72	68	70	71	63	60	63	64	63	64	64	66	65	65	68	70	69	64	68	70	69	72	72	....	....	....	....	....	....
Pine Bluff	Maximum	98	97	100	97	93	89	93	91	92	83	91	92	95	96	89	89	92	92	94	95	94	96	95	97	99	94	93	83	90	92	95
	Minimum	76	75	76	75	74	70	72	69	67	69	65	67	69	69	74	68	72	72	74	73	70	74	72	71	72	74	71	61	67	70	72
Pocahontas	Maximum	95	96	97	96	93	87	87	86	86	83	87	91	90	96	93	89	91	94	90	88	92	92	94	95	96	91	82	87	92	94	94
	Minimum	71	71	69	64	67	69	69	64	62	67	69	64	72	72	73	69	72	73	72	71	72	73	73	75	73	72	64	65	67	67	65
Portland	Maximum	96	95	99	95	89	83	89	91	90	85	90	94	94	93	86	88	94	92	92	92	92	93	94	96	96	92	84	85	91	93	96
	Minimum	75	74	75	72	74	72	72	71	68	68	65	68	70	70	72	72	74	71	73	71	73	72	73	75	76	73	67	68	70	71	73
Prescott	Maximum	98	98	100	97	89	86	92	90	90	88	90	94	92	94	92	90	87	90	92	94	95	96	97	99	96	94	84	83	90	91	94
	Minimum	75	73	74	73	71	71	72	69	67	67	66	69	72	71	73	71	74	74	76	72	74	75	71	73	76	71	69	69	71	72	74
Rison	Maximum	100	99	102	97	91	88	91	....	91	84	88	91	93	....	95	87	90	92	96	100	94	96	97	99	96	97	88	89	93	94	96
	Minimum	72	76	73	74	70	71	66	....	67	64	67	67	70	....	69	67	....	72	72	74	70	72	69	72	76	72	65	66	68	69	72
Rogers	Maximum	90	92	97	97	96	84	87	81	80	87	90	91	92	88	91	83	89	92	92	92	92	93	93	96	93	92	83	84	87	89	91
	Minimum	66	68	66	72	65	72	61	61	51	57	57	61	70	60	67	66	66	67	67	65	67	67	65	67	67	67	63	64	65	67	67
Searcy	Maximum	93	94	95	88	92	86	87	86	88	80	86	91	92	88	92	86	89	90	92	88	89	93	94	96	97	93	84	85	90	92	94
	Minimum	71	79	78	76	68	72	67	65	62	66	66	66	69	72	69	70	69	72	71	67	70	72	73	75	76	72	61	61	65	67	70
Stuttgart	Maximum	97	96	100	88	89	89	89	88	88	82	85	88	89	94	86	86	89	90	93	91	88	92	93	94	96	93	81	82	87	91	92
	Minimum	74	75	71	75	71	71	69	67	67	66	63	67	69	70	71	69	71	73	73	71	72	73	74	75	76	73	62	63	66	68	69
Subiaco	Maximum	98	99	101	98	89	87	91	86	84	86	91	95	97	91	94	91	94	96	97	94	96	97	98	99	97	96	84	84	87	89	91
	Minimum	71	76	77	70	69	70	67	66	65	64	64	69	73	68	67	69	71	72	72	69	72	72	73	75	75	72	63	64	64	68	71
Texarkana	Maximum	97	97	99	96	93	87	90	93	90	87	90	93	93	94	92	91	97	97	98	96	97	98	98	99	98	97	87	87	90	92	93
	Minimum	76	78	75	74	78	76	71	69	69	68	69	69	72	72	71	71	73	74	75	73	74	75	76	77	78	75	68	68	70	72	72
Umphers	Maximum	91	90	93	84	81	81	83	78	80	76	81	86	86	89	87	86	89	91	92	90	91	92	93	94	95	92	85	85	89	91	92
	Minimum	71	70	76	72	69	67	66	67	63	63	62	64	68	69	70	69	70	71	72	70	71	72	73	74	75	72	65	66	68	70	71
Warren	Maximum	96	96	97	91	87	87	89	91	88	82	86	91	91	93	92	91	93	94	95	93	94	95	96	97	98	95	87	87	91	93	94
	Minimum	76	75	76	73	72	72	73	71	65	69	65	68	71	73	73	73	74	76	77	74	75	76	77	78	79	76	70	71	73	75	76
Wynne	Maximum	96	96	98	95	8	78	87	89	89	90	90	94	95	96	96	96	97	98	98	96	97	98	99	100	100	97	89	90	92	93	94
	Minimum	72	73	76	72	72	73	70	68	64	69	63	69	72	73	73	73	74	76	77	74	75	76	77	78	79	76	71	72	74	76	77

§§ Instruments are read in the morning the maximum temperature then read is charged to the preceding day on which it most always occurs

NO RAIN

Scale of Shades.

- 0 to 1 inch.
- 1 to 2 inches.
- 2 to 4 inches.
- 4 to 6 inches.
- Over 6 inches.

H.B.

05
YAM

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

ARKANSAS SECTION

NOVEMBER 1920.

BY
HARVEY S. COLE
METEOROLOGIST

LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
January 7 1921.

Departure of the Mean Temperature from the Normal, November, 1920.



. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

XXV. LITTLE ROCK., NOVEMBER, 1920. No. 11.

GENERAL SUMMARY.

November, 1920, is compared with November, 1919, quite a ast is found. This month was considerably cooler and dri- an November a year ago, but by looking further into past ds it will be found that, despite the decided deficiency in temperature and precipitation in 1920, there have been r and drier Novembers in Arkansas, for all extremes are n the limits established by previous years. With the excep- of about one week in October, there have been few heavy since early in September. Outdoor work has been carried nder favorable conditions and farmers are well along with fall work. At the close of the month there was consider- cotton in the fields in some sections of the State but the ed picking is due to low prices and not to unfavorable ier.

W. C. H.

TEMPERATURE.

e monthly mean temperature for November was 47.8°, is 3.9° below the normal. All stations except Huttig, n County, showed negative departures. The highest month- an was 57.4°, at Huttig; the lowest was 41.7° at Dutton, son County. The highest temperature recorded during nonth was. 89°, at Hope, Hempstead County, on the 7th. owest was 10° at Dutton, Madison County, on the 13th. greatest daily range was 51° at Batesville, Independence ty, on the 19th.

PRECIPITATION.

e precipitation for the month of November averaged 1.95 s which is 1.47 inches below the normal. At most stations in xtreme southern counties the departures were positive but other sections they were negative. The greatest monthly was 5.78 inches measured at El Dorado, Union County; ast 0.21 inch, at Mountian Home, Baxter County. The st amount recorded in 24 consecutive hours was 3.30 inch- Fulton, Hempstead County, on the the 10th. A trace of fell at a number of stations but the measured precipitation ll rain. The average number of rainy days was 5.

MISCELLANEOUS DATA.

	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
ville..	30.17	30.71	12	29.76	20	3,957	24	S	20	84	.....	52
ith...	30.18	30.68	12	29.80	21	5,888	31	SW.	29	81	60	57
ock..	30.19	30.67	12	29.80	21	6,119	28	W	22	82	62	53

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms: 1st, 1; 9th, 1; 21st, 2; 26th, 1; 29th, 1.
Dense Fog:– 28th, 1.
Solar Halos:– 5th, 1; 6th, I; 10th, 1; 12th, 2; 13th, 1.
Lunar Halos:– 25th, 2.

Killing Frost: Later developments showed that frosts in October, which were thought to be killing in several instances, were not more than heavy. Following are the correct dates for the first killing frost this fall.

Amity	Nov. 3	Fayetteville	Oct. 29	Mountian Home	Nov. 3
Arkansas City	Nov. 12	Fort Smith	Nov. 3	Mount Ida	Nov. 3
Bald Knob	Nov. 13	Georgetown	Nov. 3	Nail	Nov. 3
Batesville	Nov. 3	Gillett	Nov. 12	Newport	Nov. 3
Bee Branch	Nov. 3	Grannis	Oct. 28	Okay	Nov. 4
Bentonville	Nov. 2	Gravette	Oct. 28	Osceola	Nov. 3
Bergman	Oct. 29	Hardy	Nov. 3	Ozark	Nov. 3
Black Rock	Nov. 12	Helena	.....	Pine Bluff	Nov. 3
Booneville	Nov. 3	Higden	Nov. 2	Pocahontas	Nov. 12
Brinkley	Nov. 12	Hope	Nov. 3	Portland	Nov. 3
Calico Rock	Nov. 13	Hot Springs	Nov. 12	Prescott	Nov. 3
Camden	Nov. 4	Huttig	Nov. 17	Princeton	Nov. 3
Clarendon	Nov. 4	Jonesboro	Nov. 12	Rison	Nov. 3
Conway	Nov. 3	Junction	Nov. 17	Rogers	Oct. 28
Corning	Oct. 29	Little Rock	Nov. 12	Searcy	Nov. 3
Danville	Nov. 3	Lutherville	Nov. 3	Stuttgart	Nov. 3
Dardanelle	Nov. 3	Magnolia	Nov. 13	Subiaco	Nov. 13
Dodd City	Nov. 3	Malvern	Nov. 3	Texarkana	Nov. 13
Dumas	Nov. 12	Mammoth Spg.	Oct. 29	Umphers	Nov. 12
Dutton	Oct. 28	Marianna	Nov. 12	Waldron	Oct. 28
Eldorado	Nov. 17	Marked Tree	Oct. 29	Warren	Nov. 12
England	Nov. 3	Marshall	Nov. 3	Whitecliffs	Oct. 28
Eureka Spgs.	Nov. 2	Mena	Nov. 12	Wynne	Nov. 13

COMPARATIVE DATA FOR ARKANSAS---- NOVEMBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more
1891.....	49.7	−1.0	87	10	5.56	+1.13	13	7	10	8
1892.....	49.9	−0.8	79	20	5.83	+0.73	11	7	12	9
1893.....	49.3	−1.4	84	10	4.21	−0.89	14	8	8	5
1894.....	50.4	−0.9	81	12	1.12	−3.98	19	6	5	2
1895.....	49.9	−0.8	82	16	4.82	−0.28	14	5	11	6
1896.....	52.8	+3.0	88	8	4.34	0.00	14	7	9	7
1897.....	51.6	+1.8	88	15	2.82	−1.53	16	6	8	6
1898.....	47.5	−3.2	87	9	3.20	−0.98	13	8	9	4
1899.....	54.3	+3.8	87	17	2.61	−1.51	13	8	9	6
1900.....	51.4	+0.7	90	18	4.28	+0.25	15	7	8	6
1901.....	50.5	−0.1	88	15	2.99	−0.81	16	7	7	5
1902.....	56.5	+5.3	90	18	6.66	+2.68	8	9	13	9
1903.....	47.6	−3.0	89	2	0.64	−3.42	13	9	8	3
1904.....	51.4	+0.6	89	17	1.38	−2.34	17	5	8	3
1905.....	53.2	+2.1	88	9	3.28	−0.30	16	5	9	5
1906.....	50.2	−0.4	88	13	5.90	+2.30	14	7	9	6
1907	49.0	−1.6	84	10	5.71	+2.08	16	5	9	6
1908.....	53.8	+2.9	88	5	5.40	+1.71	15	6	9	8
1909.....	59.3	+8.7	90	16	3.75	0.00	13	8	9	7
1910.....	51.5	+0.5	85	17	0.47	−3.30	16	9	5	3
1911.....	46.8	−4.2	86	5	3.18	−0.46	14	8	8	7
1912.....	50.5	−0.2	89	13	1.66	−2.07	19	7	4	2
1913.....	57.6	+6.7	85	20	2.47	−1.15	10	9	11	5
1914.....	52.6	+1.7	88	11	2.32	−1.56	15	6	9	4
1915.....	54.8	+3.9	88	17	5.40	+1.50	16	5	9	6
1916.....	52.1	+1.1	87	10	2.95	−0.51	20	4	6	5
1917.....	50.7	−0.7	85	11	1.96	−1.48	17	4	9	4
1918.....	49.7	−1.5	88	18	3.91	+0.43	15	4	11	6
1919.....	51.4	−0.3	86	14	6.27	+2.82	17	3	10	7
1920.....	47.8	+3.9	89	10	1.95	−1.47	15	4	11	5

Climatological Data for November, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit). Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity ††.....	Clark	250	27	48.8	− 3.5	78	1	17	17	46	1.21	−2 84	0.67	0	4	16	6	8	w.	Albert Dillard.
Arkadelphia.....	Clark	160	24	.....	.....	.....	.....	.....	.....	.....	2.85	−1.20	1.80	0	4	14	0	16	n.	F. J. Carpenter.
Arkansas City.....	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	3.63	−0.13	1 85	0	7	13	6	11	w.	Geo. E. Payne.
Bald Knob.....	White	229	1	.....	.....	.....	.....	.....	.....	.....	1.75	.....	0.75	0	3	18	1	11	s	Allen Moody.
Batesville	Independence..	277	21	44.8	− 5.6	80	8	15	13	51	0.75	−2.59	0.27	0	3	11	2	17	ne.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	26	47.1	− 4.5	78	7	16	17	41	1.20	−1.94	0 70	0	3	11[a]	2[a]	16[a]	sw.	J. E. Scanlan.
Bentonville	Benton	1303	14	43.1	− 3.6	72	5	13	16	34	0.93	−2.06	0.24	T.	8	11	9	10	s.	U. S. Weather Bureau.
Bergman.....	Boone	1324	23	.....	.....	.....	.....	.....	.....	.....	1.07	−2.93	0.40	0	7	16	2	12	s.	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	0.78	.....	0.43	0	4	13	7	10	n.	S. J. Howe.
Booneville.....	Logan.....	.....	6	49.6	.....	75	4†	19	16	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	Supt. Tuberculosis Sa
Brinkley.....	Monroe.....	226	38	48.2	− 3.4	80	6†	17	17	41	1.88	−2.98	0.64	T.	6	18	0	12	s.	H. L. D. Whitson.
Calico Rock	Izard	361	16	45.2	.....	76	5†	15	13†	42	0.61	−2.30	0.20	T	6	16	1	13	n.	J. M. Richardson.
Camden	Ouachita	158	34	47.3	− 6.1	79	1†	19	17	46	5.74	+1 66	2.64	0	7	16	3	11	sw.	A. B. Quarterman.
Centerpoint	Howard	470	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe.....	171	16	.....	.....	.....	.....	.....	.....	.....	2.21	−1.70	0.75	0	7	13	4	13	n.	J. W. Bishop.
Conway	Faulkner.....	309	36	48.6	− 2.0	79	6†	18	17	40	1.77	−2.16	1.15	0	4	15	5	10	s.	E. E. Cordrey.
Corning	Clay	293	28	47.0	− 3.8	77	6	15	13	41	0.86	−2.17	0.30	T.	5	14	5	11	sw.	Rev. N. E. Skinner.
Danville.....	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	0.86	.....	0.50	0	6	16	0	14	.....	J. R. Avera.
Dardanelle	Yell.....	330	34	.....	.....	.....	.....	.....	.....	.....	1.18	−2.25	0.71	0	4	14	0	16	.....	F. E. Wieser
Dodd City	Marion.....	1175	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Neal Dodd.
Dumas.....	Desha	162	12	49.7	− 3.7	80	7	20	17	42	4.54	+1.09	1.70	0	9	14	10	6	.....	Ben. Johnson.
Dutton.....	Madison.....	1590	18	41.7[a]	− 6.3	73[a]	4	10[a]	13	42[a]	1.26	−2.08	0.49	T	4	13[a]	7[a]	9[a]	sw.	J. M. Ricketts.
El Dorado	Union	265	16	50.0	− 5.1	80	7†	41	14	39	5.78	+1.34	2.73	0	8	17	4	9	nw.	Mrs. Virgil N. Walls
England.....	Lonoke.....	229	13	46.6	− 7.2	80	7	19	17	49	2.23	−1.32	1.35	T	6	15	3	12	s.	Dr. R. H. Hardin.
Eureka Springs.....	Carroll	1465	18	45.6	− 5.3	79	6	11	13	36	0.82	−1.75	0.35	0	5	10	10	10	nw	George W. Nicholds
Fayetteville	Washington....	1451	34	45.8	− 4.0	74	4†	14	13	40	1.17	−1 66	0.62	0	3	23	0	7	ne.	University of Arkans
Fort Smith	Sebastian.....	481	38	46.9	− 3.0	74	5	21	17	35	0.42	−2.86	0.31	T.	6	11	8	11	e.	U. S. Weather Bure
Fulton.....	Hempstead.....	264	34	.....	.....	.....	.....	.....	.....	.....	4.32	+0 82	3 30	0	4	15	2	13	n.	T. J Logan.
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	1.88	.....	0.46	0	6	16	2	12	.....	Cleve Bell.
Gillett	Arkansas	.....	1	48.6	....	74	1	20	17	38	1 45	.....	2.00	0	6	20	1	9	n.	H. E. F. Beverburg.
Grannis	Polk	921	2	47.2	.....	75	1	16	16	41	2.30	.....	0.80	T.	8	14	6	10	n.	Dr. F. C. Mullins.
Gravette	Benton	1250	22	44.8[a]	− 4.6	75[a]	6	12[a]	16	41[a]	1.41	−1.09	0.50	0	6	11[a]	7[a]	9[a]	sw.	A. F. Stevens.
Hardy	Sharp	643	23	46.8	− 3.9	76	7†	15	13	38	0.30	−3.00	0.30	0	1	11	3	16	n.	Mrs. D. S. Madden.
Helena	Phillips	182	29	.....	.....	.....	.....	.....	.....	.....	2.58	−1.87	0.66	0	10	18	0	12	n.	James A. Burnett.
Hidgen	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Arthur Cross.
Hope.....	Hempstead.....	377	48	49.9	− 3.5	89	7	19	17	40	2.93	−1.65	1.80	T.	5	15	4	11	s.	N. P. O' Neal.
Hot Springs	Garland.....	600	28	49.2[a]	− 3.4	69	7	21[f]	17	26[f]	0.95	−3.52	0.50	0	4	22	2	6	n.	A. & N. Gen. Hospit
Huttig	Union	.....	12	57.4	− 2.3	83	6	28	17	38	4.30	1.50	2.60	0	3	26	0	4	.....	C. A Berry.
Jonesboro	Craighead.....	345	25	49.6	− 1.9	79	7	18	13	42	1 67	−1.52	0.73	0	4	12	9	9	n.	Benedictine Sisters.
Junction‡‡.....	Union	182	27	50.4	− 3.6	81	9	20	17	36	2.32	−1.11	0.76	0	4	15	7	8	n.	J. A. Lowderback.
Little Rock.....	Pulaski.....	286	41	48.4	− 3.1	76	7	23	13	35	0.88	−3 71	0.40	T.	7	16	2	12	.	U. S. Weather Burea
Lutherville ‡‡.....	Johnson.....	775	23	47.9[a]	− 3 3	74	6	19[b]	13	35[b]	0.76	−2.61	0.31	0	4	17	3	10	w.	H. Kauffeld.
Magnolia ...††.....	Columbia	315	2	51.2[b]	.....	79[d]	1†	20[d]	17	36[b]	5.62	.....	2.38	0	4	13[b]	11[b]	4[b]	.	State Agriculture Sch
Malvern	Hot Spring	277	37	51.3	− 1.2	77	7	25	16	32	3.37	−1.26	1.60	0	6	10	5	15	ne.	Mrs. Kate L. Smith
Mammoth Spring ...	Fulton.....	512	15	46.2	− 2.5	75	6	13	13	43	0.59	−2.51	0.27	T.	3	13	9	8	w.	W. S. Vincent.
Marianna	Lee	235	9	48.4	− 3.3	78	6†	20	13	37	1.83	.....	0.98	0	5	13	5	12	s.	W. K. Trousdale.
Marked Tree	Poinsett	229	15	47.6	.....	81	7†	17	17	36	1 81	−2.59	0.84	T.	4	11	9	10	sc.	Charles Walton.
Marshall	Searcy.....	1083	5	48.0	.....	75	6	16	13	36	0.51	.....	0.28	T.	5	15	7	8	nw.	W. F. Reeves.
Mena	Polk.....	1284	32	47.4	− 5.1	75	1†	19	17	35	1.49	−1.88	0.69	0	7	16	4	10	n.	V. W. St. John.
Mountain Home	Baxter	800	6	45.4	.....	76	4†	12	13	40	0.24	.....	0.10	0	3	16	3	11	w.	B. S. Halbert.
Mount Ida	Montgomery ...	730	19	48.0	.....	79	4	15	16†	43	1.82	−2.27	0.80	0	4	16	4	10	w.	G. A. Whittington.
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	1.10	.....	1.10	0	1	21	0	9	e.	Henry A. Davis.
Nail	Newton	2233	27	48.5	− 4.8	72	5†	12[a]	13	31[a]	1.15	−2.16	0.50	0	4	14	4	12	s.	Charles Paxton.
Newport.....	Jackson	231	36	47.9	− 2.8	75	7	20	13	33	1.46	−3.04	0 60	0	5	16	2	12	sw.	George L. Robinson
Osceola.....†††.....	Mississippi	240	20	49.8	+ 0.4	79	7	18	13†	38	2.10	−2.72	1.05[f]	0	4	12	8	10	n.	Atwood P. Smith.
Ozark.....	Franklin	377	24	45.8[g]	− 6.8	76[g]	8	19[g]	13†	44	0.60	−2.35	0.40	0	2	7[f]	6[f]	11[f]	nw.	Isham Burrow.
Patterson.....	Woodruff.....	196	4	.....	.....	.....	.....	.....	.....	.....	1.87	.....	0.55	0	5	18	2	10	n.	W. E. Baker.
Pine Bluff	Jefferson	215	36	49.0	− 4.0	86	5	22	17	44	2.28	−1.97	0.58	0	6	18	3	9	sw.	Roy F. Hammond.
Pocahontas.....	Randolph	360	28	48.0	− 1.9	79	4	17[a]	13	40[a]	1.25	−1.98	0.40	0	4	17	2	11	s.	Benedictine Sisters.
Portland	Ashley	122	14	50.4	− 3.5	84	8	20	17	41	3.52	+0.02	1.65	0	5	18	5	7	w.	W. E. Edmiston.
Prescott	Nevada.....	327	38	50.6	− 3.3	80	1	19	17	38	2.63	−0.92	1.38	0	5	17	4	9	n.	S. T. White, Jr.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	2.80	−1.33	1.10	0	4	22	0	8	se.	Foote Coleman.
Rison.....	Cleveland	243	18	47.8	− 5.0	78	8	18	17	38	2.84	−0.57	1.76	0	2	17	3	10	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	29	44.7	− 4.7	75	5†	12	13†	39	0.35	−2.31	0.22	T.	4	10	9	11	s.	Carl A. Starck.
Searcy.....	White.....	236	7	51.5[d]	.....	80[d]	7	18[a]	17	41[d]	2.14	.....	0.72	0	6	10[d]	4[d]	12[d]	n.	Miss Sarah Cypert.
Sheridan	Grant.....	360	6	.....	.....	.....	.....	.....	.....	.....	4.93	+1.85	2.50	0	6	16	1	13	n.	Miss Elsie. Glover.
Springbank ‡‡.....	Miller.....	240	8	.....	.....	.....	.....	.....	.....	.....	2.13	−1.94	0.94	0	8	19	2	9	sw.	Miss Grace Field.
Stuttgart	Arkansas.....	228	32	48.5	− 3.4	78	7	20	13†	37	0.99	−1.92	0 75	0	4	13	6	11	n.	H. A. Buerkle.
Subiaco	Logan.....	1050	23	48.8	− 3.6	76	4	20	13†	39	0.99	−1.92	0 75	0	4	13	6	11	n.	New Subiaco Abbey
Texarkana	Miller.....	332	28	51.8	− 3.5	80	20	22	17	37	1.73	−1.27	1.25	T.	2	15	6	9	n.	H. S. Brashear.
Umphers ‡‡.....	Yell	2000	.....	48.2	.....	73	1†	19	13	36	0.52	.....	0.29	0	4	19[a]	4[a]	6[a]	n.	U. S. Forest Service.
Waldron.....	Scott	675	32	.....	.....	.....	.....	.....	.....	.....	1.02	.....	0.75	0	4	12	3	15	nw.	Cheves. Bevil.
Warren.....	Bradley.....	206	25	49.8	− 3.9	78	7†	21	17	37	5.62	+1.81	3.15	T.	7	19	4	7	w.	J. L. Clegg.
Whitecliffs	Little River.....	.....	15	.....	.....	.....	.....	.....	.....	.....	2.80	+0.18	2.00	T.	3	14	3	13	sw.	Miss Eulo a M. Schi
Wynne	Cross....	250	12	45.0[a]	− 6.9	73[a]	20	19[a]	13	38	0.99	−1.82	0.38	T.	3	15	5	10	n.	E. O. Allen.
State Means and Extremes				47.8	− 3.9	89	7	10	13	51	1.95	−1.47	3.30	T.	5	15	4	11	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in deter ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],appea in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junc Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for November, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ity	Ouachita	.67									T.										.06						.35			.13			1.21
adelphia ‖	do	.50									1.80	.25																.30					2.85
ansas City ‖	Mississippi										.20	1.85										.11					.40	.70	.17	.20		3.63
d Knob	White	.56								.75																				.44			1.75
esville ‖	do	.26	T.							T.	.27											T.								.22	T.		0.75
Branch	Arkansas	.70								.30																							1.20
ntonville ***	do	.05						.16	.17	.05				T.																.20			0.93
gman	White																										.24		.12	.08	.06		
ck Rock ‖	do	.22	.05							.10	.40																	T.		.22	.02		1.07
neville	Arkansas	.03							T.	.43	T.											.06					.10						0.78
kley ‖	White	.08	.27								.60	.08															T.	.64			.21		1.88
eo Rock ‖	do	.16	T							.10	.20																	.02		.11	.02		0.61
den ‖	Ouachita	.80									2.64	.46				.01						.02					1.72		.09			5.74
terpoint	Red																																
rendon ‖	White	.24	.36							.02	.75	.08															.17			.18			1.77
way	Arkansas	.27								1.15																		.46		.30			2.21
ning	White	.20	.15							.20						T.						.01					T.						0.86
ville ‖	Arkansas	.18	.08							T.	.50	.04									T						.04	.02		T.			0.86
danelle	do	.25	.21								.71																				.01		1.18
d City	White																														.58		
nas	Arkansas	.84								.02	1.70	.11		T.								12					.12	1.20		.37	.06		4.54
ton	White								.05	.49				T.																.31	.41		1 26
Dorado ‖	Ouachita	1.03									2.73	.03		.04								.02					1.80	.05		.08			5.78
rland ‖	Arkansas	.05							T.	1.35	.19			T.																			2.23
eka Springs	White	.12							.10																		.42		.19		.03		2.23
etteville	do									.62																	.35			.10	.15		0.82
t Smith ***	Arkansas	.14							.05	.07				T.													.41		.14				1.17
on ‖	Red	.27									3.30	.08															.04		.03	T.	.09		0.42
rgetown ‖	White s	.30	.46								.40	.10																.67					4.32
ett	Arkan as	.83									2.00																	.35		.27			1.88
nnis	Red	.38							T.	.53	.80			T.								.01					.35	.85		.38	.04		4.45
vette	White	.50					.21	.09	.06																		.42	.02	.08		.06		2.30
dy	do																										.25			T.	.30		1.41
na	Mississippi	.36	.40							.01	.66	.32																			.30		0.30
den ‖	White																					.01					.54	.14	.06	.08		2.58
e	Red	.26									1.80			T																.18			
Springs	Ouachita	.50									.09																.56	.23			.08		2.93
tig	do	1.30									.40																.26	.10	T.	T.			0.95
esboro	White it	.73								.33																		2.60					4.30
ction	Ouach a	.76									.70			.16	T.							.23								.38			1.67
le Rock ***	Arkan as	.11						T.	.15	.03						T.											.70				T.		2.32
nerville	do	.31							.30																		.32	.08		.17	.02		0.88
nolia	Red	1.10									2.38																.06				.09		0.76
rm ‖	Ouachita	.63	.10								1.60	.30															1.96	.18					5.62
mmoth Spring	White	.27						T.	.05																			.57		.17	T.		3.37
lanna	Mississippi	.20								.98	.06											T					T.			T.	.27		0.59
ked Tree ‖	St. Francis		.84								.65	T.															.40		.19		T.		1.83
shall	White	.08						T.	.28																			T.		.32	.03		1.84
a	Ouachita	.20								.69	.11																.02			.02	.11		0.51
ntain Home	White								.06	.05																	.41	.04	.01		.03		1.49
n Ida	Ouachita	.32								.90	.25																T.				.10		0.21
freesboro ‖	do										1.10																.35						1 82
	White	.45						T.	.50																								1.10
port ‖	do	.40	T.								.60																T			.10	.10		1.15
ola	Mississippi	.60	T.								.35																	.06		.31	.09		1.46
k	Arkansas								.20	.40																	.10			T.	1.05		2.10
erson ‖	Cache	.30	.55								.50																			T.			0.60
Bluff ‖	Arkansas	.35	.03								.58	.31																.22		.30			1.87
hontas	White	.40								.35																	.58			.21	.22		2.28
land ‖	Ouachita	.81									.75	.12										.20								.30			1.25
cott	do	.40	T.								1.38	.25															1.65			.19			3.52
ceton ‖	Ouachita										1.10	.70																.50		.10			2.63
	do										1.76																.90			.10			2.80
rs	Arkansas	.22							.06					T.													1.08						2.84
r	White	.72								.70	.32																.03			T.	.02		0.33
idan ‖	Ouachita																										.03			.35	.02		2.14
gbank ‖	Red	.62									1.50	.18			.07																		
gart	Arkansas	.29	.15							.02	.94										.02						T.	2.50		.06			4.96
eo	do	.09						T.	.75																			.43		.27	.01		2.13
rkan a ‖	Red									1.25				T.													.08				.07		0.99
hers	Arkansas	.11						T.	.29	.01																	.50						1.75
iron	do								.75	.02																	.11			T.			0.52
on	Ouachita	.80	.03							3.15	.02			T.								.07					.23			T.	.02		1.02
celffs	Red	.40								2.00				T.	T.												.34	1.03		.18			5.62
ne	St. Francis									.30	T.																	.40					2.80
																											.31		.38	T.			0.99

xcept as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. egular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next wing measurement. ‖Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for November, 1920.

tations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Smith	Arkansas	22	8.8	8.2	7.8	8.4	8.3	9.1	8.6	7.6	7.6	7.5	8.4	9.3	9.2	8.5	7.7	7.0	7.3	6.7	6.7	6.6	6.4	6.0	5.7	5.6	5.6	5.4	5.4	5.6	5.6	5.5	
anelle	do	20	8.9	7.6	6.8	6.2	6.0	6.5	6.5	7.0	6.5	5.6	5.0	4.8	6.6	7.6	7.2	6.3	5.6	5.2	4.8	4.4	4.0	3.9	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	
Rock	do	23	10.9	9.2	7.8	6.7	5.8	5.2	4.3	5.5	6 0	6.2	5.4	4.5	3.9	4.5	6.2	6.8	6.0	5.2	4.5	4.1	3.6	3.4	2.7	2.4	2.2	1.9	1.7	1.6	1.6	1.5	
Bluff	do	25	15.0	13.8	12.4	11.1	10.4	9.3	9.0	8.7	9.1	9.9	10.1	9.4	8.5	8.3	8.5	9.1	10.5	10.0	9.1	8.6	7.9	7.4	6.2	5.8	5.6	5.5	5.5	5.3	5.1	4.9	
Rock	Black	14	5.0	4.8	4.6	4.4	4.0	4.0	4.0	3.8	3.6	4.0	3 5	3.3	3.3	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.0	1.8	2.0	2.3	
O Rock	White	18	2.4	2.5	2.3	1.7	1.9	2.0	1.6	1.5	1.3	1 2	1.2	1.1	1.1	0.9	0.9	0.9	0.8	1.3	1.2	1.2	1.0	0.7	0.5	0.4	0.3	0.5	1.0	0.6	0.9	0.5	
ville	do	23	8.6	8.4	8.5	8.0	7.3	7.7	7.6	7.1	7.0	7.0	6.7	6.7	6.6	6.6	6.6	6.3	6.3	6.3	6.5	6.5	6.5	6.3	6.1	5.9	5 7	5.6	5.9	6.1	5.9	6.1	
port	do	26	8.0	6 2	5.9	5.9	5.7	5.4	4.5	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.7	3.5	3.5	3.4	3.2	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.8	2.9	3.0	
getown	do	22	8.2	7.5	7.0	6.4	6.3	6.2	5.8	5.4	5.0	4.6	4.0	4.0	3 8	3.4	3.0	2.8	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.4	1.0	1.0	1.0	1.0	
ndon	do	30	15.7	15.6	15.3	14.9	14.5	14.1	13.8	13.4	13.0	12.7	12.4	12.0	11.7	11.4	11.1	10.8	10.6	10.5	10.3	10.1	9.9	9.9	9.9	9.8	9.6	9.5	9.4	9.2	9.1		
ia	Mississippi	42	6.4	6.5	6.7	6.9	7.0	6.9	6.8	6.6	6.5	6.3	6.2	6.1	6.0	5.9	5.9	5.9	6.1	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.1	6.0	5.9	5.9	6.1	6.5	
sas City	do	42	14.3	14.8	14.8	14.6	14.2	13.8	13.3	12.9	12.5	12.4	12.3	12.1	11.9	11.7	11.5	11.4	11.2	11.4	11.8	11.8	11.7	11.5	11.4	11.2	11.0	10.8	10.6	10.5	10.4	10.3	
n	Ouachita	49	9.0	8.2	7.0	6.8	6.6	6.4	5.5	5.5	5.4	5.6	7.0	7.9	9.0	10.0	9.1	8.4	7.9	7.6	7.0	6.8	6.3	6.2	6.0	5.9	5.8	5.8	5.9	6.2	6.4	6.2	
le	Arkansas	20	2.5	2.3	2 2	2.1	2.0	1.8	1.7	1.7	1.6	2.1	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	
	Red	28	19.6	18.0	16.9	16.5	18.5	14.9	14.1	13.3	12.6	12.2	12.2	12.3	18.9	19.7	18.7	17.1	15.5	14.4	13.8	13.4	12.9	12.5	12.1	11.7	11.2	11.0	10.8	10.6	10.4	10.4	
lephia	Ouachita	18	2.2	1.9	1.8	1.8	1.4	1.2	1.1	1.0	1.0	1.1	2.6	2.3	2.1	2.0	1.6	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
son	Cache	9	1.5	1.6	4.5	4.3	4.0	3.9	3.7	3.5	3.5	3.5	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3 3	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	

Daily Temperatures for November, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	78	60	67	77	76	77	76	74	74	65	59	55	44	39	42	45	53	64	69	74	68	67	63	64	62	53	58	58	50	48	....	62.
	Minimum	54	39	26	31	36	36	42	54	63	44	44	29	20	33	28	21	17	22	29	39	45	50	27	32	27	40	36	29	42	32	....	35.
Batesville §§	Maximum	71	67	63	78	73	76	80	77	66	50	57	40	34	42	37	42	50	62	69	72	70	50	58	61	53	41	48	59	48	43	....	57.
	Minimum	51	38	28	29	33	37	39	50	54	44	42	26	15	17	30	22	16	17	18	29	41	45	28	28	26	26	33	25	35	33	....	31.
Bee Branch	Maximum	71	65	63	75	75	76	78	71	68	60	53	49	40	39	39	42	50	61	70	70	68	65	59	62	58	50	48	58	53	43	....	59
	Minimum	50	34	26	34	40	41	45	55	57	42	40	24	17	23	30	26	16	24	30	40	55	43	28	37	26	33	34	25	40	31	....	34.
Bentonville	Maximum	71	65	63	75	75	76	78	71	68	60	53	49	40	24	17	23	30	26	16	24	30	40	55	43	28	37	26	33	34	25	....	52.
	Minimum	50	34	26	34	40	41	45	55	57	42	40	24	17	23	30	26	16	24	30	40	55	43	28	37	26	33	34	25	40	31	....	34.
Booneville	Maximum	59	48	63	71	72	72	62	66	60	45	43	31	37	38	34	28	43	62	69	70	61	42	59	45	51	42	52	54	44	38	....	52.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Brinkley	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Calico Rock §§	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Camden	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Conway	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Corning	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Dumas	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Dutton	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
El Dorado	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
England	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Eureka Springs	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Fayetteville	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Fort Smith	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Gillett,	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Grannis	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Gravette	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Hardy	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Hope	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Huttig	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Hot Springs	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Jonesboro	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Junction	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Little Rock	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Lutherville	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Magnolia	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Malvern	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Mammoth Spring	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Marianna	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Marked Tree §§	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Marshall	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Mena	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Mountain Home	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Mount Ida	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Nail	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Newport	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Osceola	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Ozark	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Pine Bluff	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Pocahontas	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Portland	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Prescott	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Rison	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Rogers	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Searcy	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Stuttgart	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Subiaco	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Texarkana	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Umphers	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Warren	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.
Wynne	Maximum	72	55	65	75	75	74	71	71	69	59	56	46	39	40	42	39	47	67	72	70	69	58	63	58	57	50	52	59	52	43	....	58.
	Minimum	35	31	29	42	44	49	53	55	41	33	25	18	15	30	18	13	18	34	38	51	42	35	29	29	24	40	37	36	34	35	....	33.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occ

NO PRECIPITATION

NO PRECIP.

Scale of Shades.

- 0 to 1 inch.
- 1 to 2 inches.
- 2 to 4 inches.
- 4 to 6 inches.
- Over 6 inches.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

DECEMBER 1920.

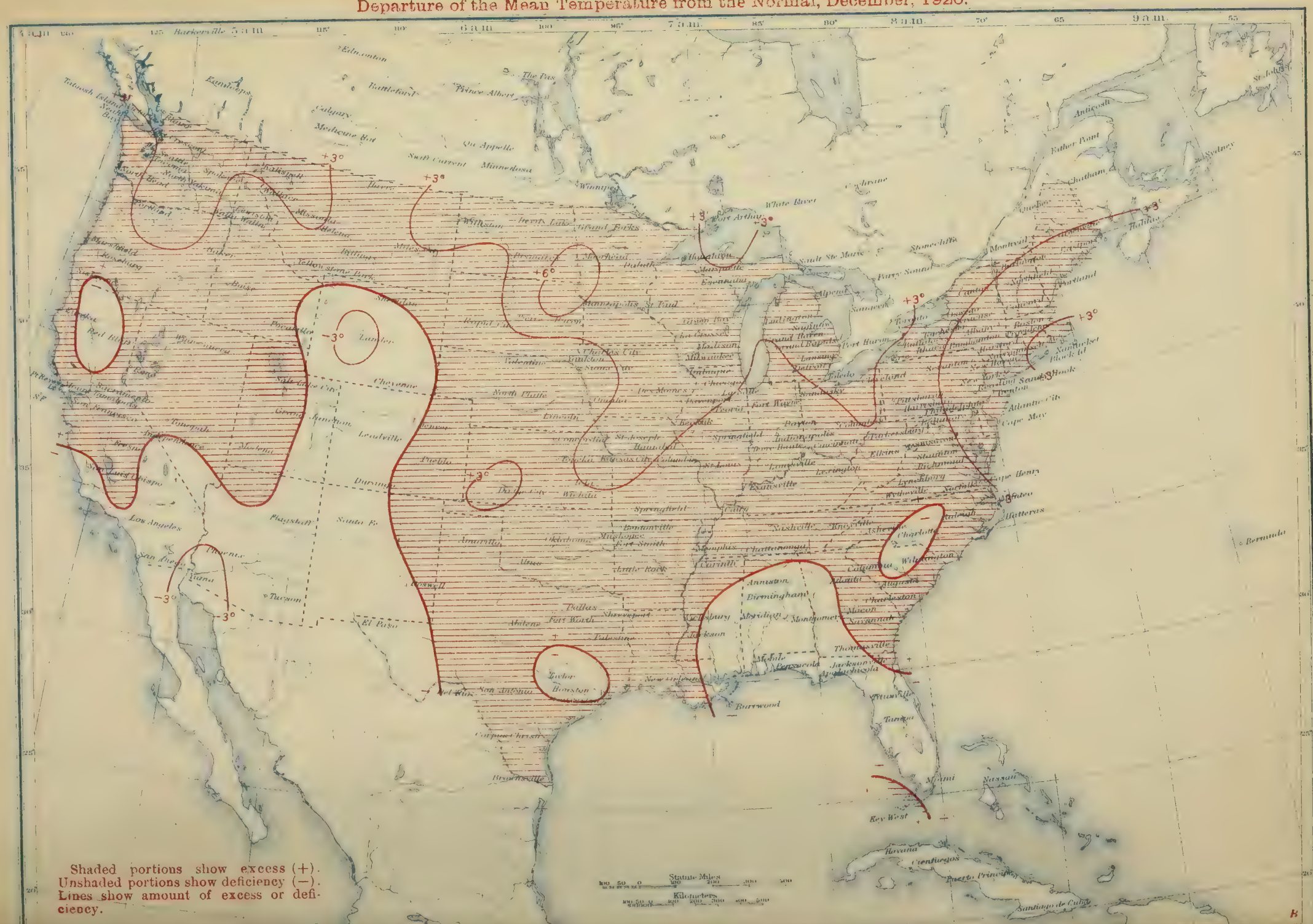
BY

HARVEY S. COLE
METEOROLOGIST



LITTLE ROCK, ARK.
WEATHER BUREAU OFFICE
January 31 1921.

Departure of the Mean Temperature from the Normal, December, 1920.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

Vol. XXV. Little Rock., December, 1920. No. 12.

GENERAL SUMMARY.

December was a comparatively mild month. A cold wave overspread the State on the 28th giving temperatures of 6° in the northern, and 19° in the central and southern counties, but during most other periods the values were near or above normal. Both the temperature and precipitation averaged above normal; the number of clear, partly cloudy, cloudy, and rainy days practically normal. The heavy rain on the 21st caused considerable rise in some of the rivers but none reached flood stage. The ground was well filled with moisture at the end of the month. Winter wheat, oats, and rye were in good to excellent condition. Stock fed on the range during the greater part of the month.

W. C. H.

TEMPERATURE.

The monthly mean temperature for December was 43.2° which is 1.2° above the normal. The highest temperature recorded was 74° at Texarkana, Miller County, on the 31st; the lowest 6° at Dutton, Madison County on the 28th. In most sections the lowest temperature occurred on the 28th but the highest occurred on different dates. Of the 52 stations having a normal 7 showed negative departures, the others positive.

PRECIPITATION.

The precipitation for the month of December averaged 5.95 inches which is 1.92 inches above normal. The departures were positive in practically all sections except the Northwest. The greatest monthly total was 9.19 inches, measured at Malvern, Hot Springs County; the least 2.14 inches, at Fort Smith, Sebastian County. The greatest amount recorded in 24 consecutive hours was 4.36 inches at Mount Ida, Montgomery County, on the 21st. Snow fell in the northern and western counties the amounts varying from 6 inches in Marion County to a trace in other sections.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.00	30.49	24	29.41	13	5,639	26	e.	20	81	.....	47
Fort Smith...	30.02	30.49	24	29.44	13	7,124	50	sw.	16	78	59	55
Little Rock..	30.05	30.48	24	29.46	13	7.638	42	w.	13	80	66	43

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 4th, 3; 12th, 2; 13th, 7; 20th, 5; 21st, 13; 26th, 3.

Dense Fog:- 10th, 1.

Solar Halos:- 6th, 1; 24th, I.

Lunar Halos:- 16th, 1; 17th, 1; 23d, 1; 24th, 1

Light Hail:— Okay, 13th; Prescott, Warren 21st.

Sleet:— 6th, 1; 7th, 1; 13th, 2; 18th, 1; 21st, 1; 24th, 1; 25th, 1.

COMPARATIVE DATA FOR ARKANSAS---- DECEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 0.01 or more
1891.....	46.9	+3.6	72	13	4.69	+0.33	14	7	10	7
1892.....	40.9	−4.5	83	− 7	8.79	+4.45	7	6	18	10
1893.....	45.4	−0.6	79	3	1.83	−2.51	14	8	9	5
1894.....	44.6	−0.9	82	−11	3.48	−0.86	14	5	11	6
1895.....	43.8	−1.7	78	5	3.96	−0.38	13	6	12	7
1896.....	45.8	+2.3	81	8	0.84	−3.81	8	7	16	8
1897.....	40.3	−3.2	86	10	6.00	+1.35	10	5	16	8
1898.....	39.5	−3.9	76	− 4	1.87	−2.89	16	6	9	5
1899.....	41.0	−2.4	74	8	4.08	−0.11	15	7	9	7
1900.....	44.9	+1.8	82	10	2.76	−1.54	16	6	9	5
1901.....	38.5	−3.9	87	− 6	4.42	+0.73	12	6	13	6
1902.....	40.8	−1.9	86	5	5.71	+1.68	10	6	15	8
1903.....	39.7	−3.1	74	6	3.44	−0.35	18	5	8	6
1904.....	42.9	−0.3	80	3	5.10	+1.28	12	7	12	7
1905.....	38.5	−3.7	70	7	4.96	+0.84	14	5	12	9
1906.....	46.5	+4.1	83	10	5.64	+1.58	8	7	16	8
1907.....	44.4	+2.2	85	11	2.70	−1.31	12	6	13	7
1908.....	46.0	+4.0	82	11	1.50	−2.42	13	7	11	5
1909.....	35.3	−6.8	82	1	5.26	+1.35	14	6	11	9
1910.....	40.8	−1.7	75	9	3.57	−0.45	13	6	12	6
1911.....	43.0	+0.7	78	3	7.00	+2.81	10	7	14	12
1912.....	41.7	−0.5	76	8	2.63	−1.46	14	7	10	7
1913.....	43.6	+1.2	77	14	3.26	−0.26	7	7	17	9
1914.....	36.1	−6.2	70	−11	6.26	+2.24	8	4	19	12
1915.....	43.9	+2.4	78	11	4.73	+0.72	12	4	15	7
1916.....	42.1	−0.1	82	−16	3.35	−0.50	14	6	11	6
1917.....	34.8	−6.8	81	−21	1.29	−2.69	13	6	12	3
1918.....	47.6	+5.9	88	9	5.62	+1.60	14	5	12	7
1919.....	40.4	−1.6	78	1	1.94	−2.07	13	4	14	5
1920.....	43.2	+1.2	74	6	5.95	+1.92	13	5	13	8

Climatological Data for December, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observer
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	27	43.2	− 3.1	68	13	15	29	42	8.16	+3.89	2.15	0	10	14	8	14	w.	Albert Dillard.
Arkadelphia.. ††	Clark	160	24	.....	.....	.....	.....	.....	.....	.....	7.87	+2.78	2.00	0	9	13	0	18	.....	F. J. Carpenter.
Arkansas City	Desha	145	36	.....	.....	.....	.....	.....	.....	.....	6.57	+1.57	2.70	0	12	13	2	16	w.	Geo. E. Payne.
Bald Knob	White	229	1	.....	.....	.....	.....	.....	.....	.....	6.68	.....	2.50	T.	5	14	4	13	s.	Allen Moody.
Batesville	Independence	277	21	40.7	− 0.6	69	4	12	28†	40	6.61	+2.86	2.42	0	8	9	0	22	nw.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	26	41.1	− 1.3	63	16	12	28	34	5.65	+1.90	2.00	0	8	11	7	13	sw.	J. E. Scanlan.
Bentonville	Benton	1303	14	39.2	+ 1.7	68	31	10	24	30	2.67	−0.09	1.22	2.1	10	11	7	13	s.	U. S. Weather Bureau.
Bergman	Boone	1324	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	259	18	.....	.....	.....	.....	.....	.....	.....	6.00	+2.44	1.49	0	11	16	3	12	s.	S. J. Howe.
Booneville	Logan	.....	6	45.0	.....	72	31	14	28	31	3.18	.....	1.35	0	7	15	9	10	s.	Supt. Tuberculosis San
Brinkley	Monroe	226	38	44.1	+ 0.8	65	5†	16	28	35	8.72	+3.70	1.54	0	8	12	5	14	s.	H. L. D. Whitson.
Calico Rock	Izard	361	16	40.5	.....	68	13	13	28†	39	3.91	+1.05	1.35	1.0	10	20	1	10	s.	J. M. Richardson.
Camden	Ouachita	158	34	44.2	+ 1.2	70	31	20	28†	39	7.37	+2.57	3.53	0	12	10	9	15	sw.	A. B. Quarterman.
Centerpoint	Howard	470	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	7.21	+1.69	2.70	0	13	12	3	16	n.	J. W. Bishop.
Conway	Faulkner	309	36	43.3	+ 1.1	65	2†	15	28	35	6.09	+2.03	2.53	T.	9	13	7	11	s.	E. E. Cordrey.
Corning	Clay	293	28	42.7	+ 1.7	66	13	14	28	36	6.09	+2.59	2.12	1.0	7	13	6	12	w.	Rev. N. E. Skinner.
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	4.90	.....	1.74	0	8	16	1	14	nw.	J. R. Avera.
Dardanelle	Yell	330	34	40.0[m]	− 0.3	62[m]	12	18[n]	28	24[m]	4.19	+0.93	2.00	0	7	9[m]	1[m]	8[m]	.....	F. E. Wieser
Dodd City	Marion	1175	38	39.6[b]	+ 0.7	67[a]	2	8[b]	28	39[b]	3.16	+0.14	1.19	6.0	5[a]	14	9[a]	7[a]	nw.	Neal Dodd.
Dumas	Desha	162	12	45.6	0.0	65	2†	21	28	35	8.66	+3.28	3.80	0	13	7	7	17	.....	Ben. Johnson.
Dutton	Madison	1590	18	37.6	+ 0.2	63	31	6	28	39	5.68	+2.73	1.53	0	10	13	7	11	sw.	J. M. Ricketts.
El Dorado	Union	265	16	46.0[d]	+ 0.6	68[d]	31	18[d]	28	33[d]	8.47	+2.63	4.05	0	8	13[b]	0[d]	16[b]	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	13	44.0	+ 1.7	69	2	19	28	37	8.67	+4.08	1.93	0	13	12	4	15	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	18	41.2	+ 2.6	69	31	10	24†	31	3.01	+0.77	1.15	4.0	6	9	12	10	nw.	George W. Nicholds.
Fayetteville	Washington	1451	34	42.3[a]	+ 2.9	69[a]	31	10[a]	28	35[a]	.....	.....	.....	.....	.....	24[a]	1[a]	5[a]	sw.	University of Arkansas
Fort Smith	Sebastian	481	38	43.0	+ 1.3	73	31	18	28	32	2.14	−0.74	1.17	T.	7	16	3	12	e.	U. S. Weather Bureau
Fulton	Hempstead	264	34	.....	.....	.....	.....	.....	.....	.....	3.24	−0.28	1.47	T.	8	12	3	16	e.	T. J. Logan.
Georgetown	White	200	7	.....	.....	.....	.....	.....	.....	.....	7.00	.....	1.90	0	9	12	2	17	ne.	Cleve Bell.
Gillett	Arkansas	.....	1	44.0	.....	65	2†	21	28	34	7.21	.....	3.25	0	10	15	6	10	s.	H. E. F. Beverburg.
Grannis	Polk	921	2	42.3	.....	72	31	12	28	39	6.36	.....	2.33	T.	12	15	2	14	nw.	Dr. F. C. Mullins.
Gravette	Benton	1250	22	38.8	+ 1.6	71	31	7	27	37	3.31	+1.17	1.54	1.0	6	10	10	11	sw.	A. F. Stevens.
Hardy	Sharp	643	23	40.9	+ 1.9	65	14	10	29	40	3.70	+0.12	1.50	T	4	16	5	10	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	49	.....	.....	.....	.....	.....	.....	.....	6.82	+1.71	2.80	0	11	13	0	18	s.	James A. Burnett
Higden	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	5.55	.....	2.50	0	7	16	1	14	s	Arthur Cross.
Hope	Hempstead	377	48	47.0	+ 0.4	70	12†	19	27	39	7.27	+2.82	3.56	T.	8	14	1	16	s.	N. P. O' Neal.
Hot Springs	Garland	600	28	43.2	+ 1.2	64	31	18	28	25	7.85	+3.55	2.50	0	9	16	5	10	s.	A. & N. Gen. Hospital
Huttig	Union	.....	12	51.8	+ 5.7	71	31	31	25	30	8.90	+3.77	2.60	0	7	15	1	15	.....	C. A Berry.
Jonesboro	Craighead	345	25	43.9	+ 3.5	69	3	16	28	31	6.30	+1.69	2.15	1.0	8	14	7	10	s.	Benedictine Sisters.
Junction‡‡	Union	182	27	46.2	+ 0.7	68	31	19	28	33	6.57	+2.60	2.70	0	6	13	6	12	n.	J. A. Lowderback.
Little Rock	Pulaski	286	41	44.6	+ 1.1	67	13	19	28	29	6.99	+2.75	2.36	T.	12	11	7	13	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	23	42.6	+ 4.0	68	31	14	28	34	3.40	−0.22	1.41	T	8	16	4	11	e.	H. Kauffeld.
Magnolia ††	Columbia	315	2	47.0	.....	71	31	20	28	32	6.32	.....	2.75	0	7	10	13	8	s.	State Agriculture Schoo
Malvern	Hot Spring	277	37	.....	.....	.....	.....	.....	.....	.....	9.19	+4.63	1.90	0	9	9	2	20	ne.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	15	42.0	+ 4.0	66	2	12	28	42	3.75	+0.87	1.75	T.	4	15	5	11	sw.	W. S. Vincent.
Marianna	Lee	235	9	44.3[a]	+ 2.1	65[a]	5	19[a]	28	32[a]	7.59	.....	3.55	T.	7	8	7	16	....	W. K. Trousdale.
Marked Tree	Poinsett	229	15	43.4	.....	72	13	17	28	38	7.00	+2.67	2.25	T.	10	14	10	7	s.	Charles Walton.
Marshall	Searcy	1083	5	42.9	.....	65	5	13	28	30	5.73	.....	2.08	5.0	9	14	7	10	sw	W. F. Reeves.
Mena	Polk	1284	32	42.0	− 0.6	69	31	13	28	32	5.67	+1.54	1.79	0	2	17	5	9	n.	V. W. St. John.
Mountain Home	Baxter	800	6	41.7	.....	69	2†	9	28	43	4.70	.....	1.85	3.0	5	17	1	13	w.	B. S. Halbert.
Mount Ida	Montgomery	730	19	43.2	....	70	31	12	28	41	7.26	+2.95	4.56	0	4	13	3	15	w.	H. A. Whittington.
Murfreesboro	Pike	367	4	.....	.....	.....	.....	.....	.....	.....	7.00	.....	2.80	0	4	16	0	15	ne.	Henry A. Davis.
Nail	Newton	2233	27	37.6	+ 0.4	59	5†	10	28	29	4.52	+0.93	1.87	T.	6	18	2	11	s.	Charles Paxton.
Newport	Jackson	231	36	43.0	+ 1.7	65	13	16	28	29	7.18	+3.36	1.77	T	10	10	3	18	n.	George L. Robinson.
Okay	Pope	1700	5	39.4	.....	64	3	9	28	35	4.94	.....	1.86	T.	9	19	1	11	s.	U. S. Forest Service.
Osceola ††	Mississippi	240	20	44.2	+ 1.0	65	4†	18	28	31	7.25	+3.15	2.50	0	7	9	3	19	s.	Atwood P. Smith.
Ozark	Franklin	377	24	41.0[e]	− 1.2	69[e]	4	15[e]	28	40[e]	2.29	−1.02	1.07	T.	4	7[e]	4[e]	15[e]	e.	Isham Burrow.
Patterson	Woodruff	196	4	.....	.....	.....	.....	.....	.....	.....	6.89	.....	1.74	0	8	14	0	18	s.	W. E. Baker.
Pine Bluff	Jefferson	215	36	46.0	+ 1.3	65	2†	23	28	31	7.80	+2.63	3.04	0	13	13	2	16	s.	Roy F. Hammond.
Pocahontas	Randolph	300	28	42.4	+ 3.0	64	5	12	28	36	5.60	+2.07	2.40	0	7	12	7	12	sw.	Benedictine Sisters.
Portland	Ashley	122	14	46.4	.....	68	2	24	28	39	8.39	+2.62	1.96	0	10	11	9	11	w.	W. E. Edmiston.
Prescott	Nevada	327	38	46.4	+ 2.6	69	12	19	28	38	7.49	+3.26	2.00	T.	11	12	5	14	se.	S. T. White, Jr.
Princeton	Dallas	287	13	.....	.....	.....	.....	.....	.....	.....	8.00	+2.35	2.00	0	8	17	0	14	se.	Foote Coleman.
Rison	Cleveland	243	18	44.2	− 0.3	67	3†	18	29†	40	7.33	+3.57	3.70	0	4	10	4	17	nw.	Geo. H. Tisdale.
Rogers	Benton	1385	29	40.2	+ 1.8	68	31	9	28	38	2.64	+0.48	1.03	1.2	6	5	13	13	s.	Carl A. Starck.
Searcy	White	236	7	42.8	.....	65	3†	15	28	35	6.61	.....	2.45	0	8	13	2	16	nw.	Miss Sarah Cypert.
Sheridan	Grant	300	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Elsie. Glover.
Springbank ‡‡	Miller	240	8	.....	.....	.....	.....	.....	.....	.....	6.24	+1.31	2.30	0	8	13	1	17	.....	Miss Grace Field.
Stuttgart	Arkansas	228	32	44.6	+ 0.8	65	2	19	28	34	6.68	+1.79	2.33	0	8	12	9	10	sw.	H. A. Buerkle.
Subiaco	Logan	1050	23	43.8[b]	+ 2.1	73	31	18[c]	28	41[c]	3.08	+0.07	1.27	0	9	14	6	11	n.	New Subiaco Abbey.
Texarkana	Miller	332	38	48.8	+ 2.2	74	31	20	28	36	6.68	+3.13	2.15	0	8	13	5	13	n.	H. S. Brashear.
Umphers ‡‡	Yell	2000		43.3	.....	67	3	12	28	33	4.56	.....	2.00	0.2	6	15	4	12	s.	U. S. Forest Service.
Waldron	Scott	675	32	.....	.....	.....	.....	.....	.....	.....	4.49	.....	2.13	0.1	9	12	5	14	nw.	Cheves. Bevil
Warren	Bradley	206	25	46.3	+ 2.0	65	13	22	28	33	7.93	+2.35	3.00	0	10	10	10	11	w	J. L. Clegg
Whitecliffs	Little River	.....	15	.....	.....	.....	.....	.....	.....	.....	6.00	+1.58	2.00	T.	6	11	1	19	sw.	Miss Eulelia M. Schirm
Wynne	Cross	250	12	42.6	+ 2.3	64	13	18	28	34	6.48	+1.70	2.40	0	7	17	1	13	n.	J. M. Larkan.
State Means and Extremes				43.2	+ 1.2	74	31	6	28	43	5.95	+1.92	4.36	2.1	8	13	5	13	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R F.D. No 2, Lamar, Ark.; Springbank, Doddridge, Ark; Umphers, Rover, Ark.

Daily Precipitation for December, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				1.57		1.34	.26					.02	.15								1.15	2.15				1.40	.02				.10	8.16
Arkadelphia ‖	....do	.20			1.47		.81	1.17						.12								1.10	2.00				.30	.70					7.87
Arkansas City ‖	Mississippi	T.			.83		.18	1.20	.10				.10	.15	.36					.05	T.		2.70	.20			.10	.60				T.	6 57
Bald Knob	White				1.10			1.28						.37							2.50					1.43						6.68
Batesville ‖	....do	T.			.58		T.	.94	.18					.36	T.						2.42	1.19	T.			.86	.08					6.61
Bee Branch	Arkansas				.90		.25	.90					.10	.40							2.00	.10				1.00						5.65
Bentonville ***	....do	.01			T.		.53	.70		T.			.02	.36						.37	.25	T.	T.		.06	.36	.01					2.67
Bergman	White																																
Black Rock ‖	....do	.05			.70			.34	.40					.66	.07																		
Booneville	Arkansas			.02	.10		.63	.35						.53							1.49	1.17	.20			.50	.42					6.00
Brinkley ‖	White				1.32			.51	.41												1.35	T.			T.	.20						3.18
Calico Rock ‖	....do	.01			.24			1.35	.20					.60	.02						1.40	1.21	1.54			1.42	.91					8.72
Camden ‖	Ouachita	.02			1.00		.84	.97	.03				.01	.09							.99	.29		.09		.12						3.91
Clarendon ‖	White	.02			1.33		.02	1.10	T				.02	.35								.01	3.53	.07			.28	.52					7.37
Conway	Arkansas	.14		.93			.46	.86					.04	.35						T.	.01	.06	2.70	.09			.54	.96				.01	7.21
Corning	White				.74			.94					.10	.73								2.53	.12				.66						6.09
Danville ‖	Arkansas				.42		.44	.51	.04				T.	.51								2.12	.50				.96						6.09
Dardanelle	....do			.05			.04	.60						.40							2.00	1.74	.84			.40						4.90
Dodd City	White	.02					.78		.60					.57								.50					.60						4.19
Dumas	Arkansas	.04		T.	.80		1.09	.82				.10	.17	.30						.11		1.19											3.16
Dutton	White	.03		.35	.36		.61	1.21						.94								3.80	.25			T.	1.01	.02			T.	.15	8.66
El Dorado ‖	Ouachita			T.	.79		1.58	.35				12	.05							.25		1.53				.13	.49					.03	5.68
England ‖	Arkansas			1 51		.34	1.49	.09				.03	.43						.03			4.05				1.28						8.47
Eureka Springs	White				T.		.10	1.09						.47							.60	1.91	.01		1.93	.28				.02		8.67
Fayetteville	....do																					1.15				.20							3.01
Fort Smith ***	Arkansas			T.			.30	.01						.45							.63	.54	T			.16	.05					
Fulton ‖	Red				.64		.60	.48						.10								1.47			.05		.75	.15					2.14
Georgetown ‖	White				.95			.90	.22					.58																			3.24
Gillett	Arkansas				.78		1.20	.25			.05	.16	.17									.25	1.90	.10			1.60	.50					3.31
Grannis	Red			.43	.15		1.54	.06			T.	.04	.25						T.		.74	3.25	.25			1.05					.05	7.00
Gravette	White			T	.03		.15	1.01		T.				.37								2.33	T.			.35					.10	7.21
Hardy	....do							.75							.50							1.54	T.	T.		.21				.01	.10	6.36
Helena ‖	Mississippi				.90			.76	.08			.06	.36	.38									1.50				.95						3.31
Higden ‖	White				.70		.03	.88		T.		T.	.35									2.80	.15			.34	.98				.01	3.70
Hope	Red			.12	.67		1.38	.07					.11								2.56	.10		T		.93						6.82
Hot Springs	Ouachita				1.20		1.32	.43				.05	.20								3.56	.08			1.28							5.55
Huttig	....do						2.30		.60			1.20									2.50	.84			.26	1.05				T.	T.	7.27
Jonesboro	White			.80				.72	.05			.14	.62								2.60		.95			1.05					.20	7.85
Junction	Ouachita			.87			1.62	T.				.39								T.	2.15	.84				.98						8.90
Little Rock ***	Arkansas			.15	.78		1.40	.12					04	.28					T.	.01	2.70					.21	.78				T.	6.30
Lumberville	....do	.06			.10		.31	.50						.32							.05	2.31	.04		.40	1.41				T.	T.	6.57
Magnolia	Red				1.16		1.22	.17						.08								1.41	.04			.66						6.99
Malvern ‖	Ouachita	T.			1.47		1.20	1.35						.17						.20		2.75	.20			.74						3.40
Mammoth Spring	White							.79					T.	.28								1.10	1.70	T.		1.90	.10					6.32
Marianna ‖	Mississippi			1.24			.70				.18	.10										1.75	T.			.93						9.19
Marked Tree ‖	St. Francis				.98			.43	.38			.04	.24	.26								3.55	.22		1.60				T.			3.75
Marshall	White				.12		.04	1.42				T.	.82					T.		T.			2.25	.30		1.72	.40				T.	7.59
Mena	Ouachita			.12	.66	.01	1.63	.14	.15					.55						T.	2.08	.16			.04	1.02					T.	7.00
Mountain Home	White							1.85						.40						T.	1.79	T.			.06	.56				T.		5.73
Mount Ida	Ouachita				.90		1.30														1.55	.15				.75					T.	5.67
Murfreesboro ‖	....do				1.51	.81															4.36					.70						4.70
Nail	White				.10		.30	.76						.69							1.88				2.80							7.26
Newport ‖	....do				1.05			1.15	.54				.12	.40							1.87	T.				.80						7.00
Osceola	Mississippi				.95		1.20	T.				.10									1.15	1.77	.15			.69	.16					4.52
Okay	Arkansas				.41		.32	.76	.06				.52								2.50	.40				2.00	.10			T.	T.	7.18
Ozark	....do						.41	.14					.67								1.86	.10			.07	.84						7.25
Patterson	Cache				.99			.90	.22				.67								1.07				T.							4.94
Pine Bluff ‖	Arkansas				.92		.31	1.06	.07			.08	.31								.55	1.74				1.70	.12					2.29
Pocahontas	White				.65			.45				.10	.55								.14	3.04	.14			.67	.81				.03	6.89
Portland ‖	Ouachita				.66		1.37	.56			.60	.12									2.40	.40				1.05						7.58
Prescott	....do	.10			.95		.85	.75	.02					.10						.25		1.60	1.96				1.05					.22	5.60
Princeton ‖	Ouachita				1.05		1.00	1.20						.20								1.30	2.00				1.05	.35				.02	8.39
Rison	....do				1.05		1.68															1.00	2.00				.50	1.05					7.49
Rogers	Arkansas	.27					.03	.74						.41								3.70					.90						8.00
Searcy	White						.06	1.10					.11	.45								1.03					.16						7.33
Sheridan ‖	Ouachita				1.10																	2.45	.06				1.31						2.64
Springbank ‖	Red				.80		.76	.52	T.				T.	.10	T.					T.	T.												6.64
Stuttgart	Arkansas	.02			1.41			.81					.14	.32								1.00	2.30				.36	.40				T.	6.24
Subiaco	....do			.02	.07		.58	.38					.02	.32								2.33	.32			T.	1.33						6.68
Texarkana ‖	Red			.83		.55	.50							.10								1.27				.06	.36				T		6.68
Umphers	Arkansas				.40		.78	.55						.41						1.85		2.15				.15	.55						3.08
Waldron	....do			.14	.04		1.11	.27						.53								2.00	T.			T.	.42						6.68
Warren	Ouachita				.87		1.23	.59			.03	.10	.11							.05		2.13	.09			.03	.24						4.56
Whitecliffs	Red						.90	.40					.10									3.00	.68				1.27				T.	7.93
Wynne	St. Francis				.75			.53			.20		.10	.20								2.00	1.80		T.		.80						6.00
																						T.	2.40				2.30						6.48

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for December, 1920.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.2	5.0	4.9	5.0	5.0	5.0	5.3	5.3	8.3	10.7	10.2	9.5	9.0	8.6	8.0	7.5	7.2	6.8	6.5	6.2	6.2	7.5	8.7	8.4	8.0	8.3	8.0	7.8	7.5	7.2	6.5
Dardanelle	....do	20	2.7	2.6	2.7	2.7	2.5	2.5	2.6	2.6	2.9	3.0	7.0	8.7	8.3	7.6	7.0	6.2	5.7	5.2	5.0	4.5	4.5	6.6	6.0	6.7	6.7	6.7	6.9	6.9	6.5	6.0	5.7
Little Rock	....do	23	1.6	1.5	1.3	1.3	1.0	1.1	1.2	1.3	1.3	1.7	1.8	2.1	7.6	8.0	7.4	6.8	6.0	5.2	4.9	4.5	4.0	5.5	8.4	9.1	8.7	8.6	8.3	8.8	7.8	7.2	6.5
Pine Bluff	....do	25	4.8	4.8	4.7	4.7	4.6	4.5	4.6	4.8	4.8	4.8	5.0	5.3	7.1	10.2	10.8	10.6	9.7	8.9	7.9	6.8	6.6	6.7	8.4	10.6	10.8	10.9	10.9	10.5	10.3	10.1	9.9
Black Rock	Black	14	2.6	2.6	2.5	2.7	2.5	2.5	2.5	2.7	3.0	3.1	3.0	3.0	2.9	3.5	3.5	3.4	3.2	3.0	3.0	2.8	3.3	9.7	9.8	9.0	8.0	7.3	9.5	9.3	9.0	7.7	7.0
Calico Rock	White	18	0.3	0.6	0.8	0.5	0.3	0.2	0.5	0.9	1.2	1.6	1.7	1.8	1.8	1.6	4.2	3.7	3.4	3.3	2.9	2.8	4.7	4.7	6.4	5.9	5.3	5.4	5.0	4.6	4.2	3.7	3.4
Batesville	....do	23	5.9	5.6	5.8	6.2	5.8	5.7	5.9	6.8	6.9	7.1	7.3	7.4	7.5	7.6	7.5	9.9	9.4	9.1	9.1	9.0	9.1	12.9	12.8	12.9	11.9	11.9	11.9	11.3	10.9	10.3	9.8
Newport	....do	26	3.0	3.1	3.0	2.9	2.8	2.8	2.9	3.6	3.9	3.8	3.6	3.8	4.0	4.1	4.1	4.0	4.2	4.2	4.8	5.7	6.0	6.7	11.1	13.4	13.8	14.0	14.0	13.9	13.5	13.1	12.7
Georgetown	....do	22	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.6	2.6	4.0	4.6	4.8	4.9	5.0	5.0	4.9	5.5	6.2	6.4	6.6	6.6	8.6	15.0	17.8	18.2	17.8	18.0	18.0	18.0	17.6	17.0
Clarendon	....do	30	9.0	9.0	9.0	9.1	9.2	9.3	9.5	10.0	10.5	11.0	11.6	12.2	12.7	12.9	13.0	13.0	13.1	13.2	13.6	13.9	14.1	15.4	17.0	18.8	20.0	20.9	22.0	22.7	23.4	23.9	24.2
Helena	Mississippi	42	7.3	8.2	9.1	10.0	10.7	11.2	11.6	12.0	12.4	12.8	13.1	13.1	13.1	13.1	13.1	13.4	13.6	14.2	14.9	15.4	15.8	16.6	17.4	18.2	18.8	19.5	20.2	20.5	20.3	20.0	19.7
Arkansas City	....do	42	8.3	8.7	9.7	10.7	11.7	12.5	13.3	13.9	14.4	14.9	15.4	15.9	16.1	16.2	16.5	17.3	17.7	18.0	18.4	18.9	19.3	20.0	20.8	21.8	23.1	24.2	25.1	25.9	26.2	26.3	26.2
Camden	Ouachita	49	6.2	6.0	5.9	5.9	6.0	6.2	10.5	15.2	19.0	21.0	22.0	20.8	19.7	15.0	13.3	12.3	11.1	10.3	9.4	8.1	7.3	8.2	21.7	26.5	30.0	31.5	32.8	33.0	32.8	32.0	31.5
Danville	Arkansas	20	1.3	1.2	1.1	1.7	1.6	2.4	2.8	2.7	2.7	2.5	2.3	2.4	2.6	3.6	3.3	3.1	3.0	2.8	2.6	2.4	4.1	18.7	19.6	16.0	14.2	12.1	10.0	7.1	6.2	5.8	5.5
Felton	Red	28	10.9	11.2	11.-	11.3	10.5	10.6	11.2	12.3	13.4	14.0	13.9	13.4	13.0	12.3	12.0	11.7	11.8	11.7	11.5	11.2	11.0	12.2	16.6	20.0	20.8	20.5	19 6	18.8	17.9	17.0	16.2
Arkadelphia	Ouachita	18	0.0	0.0	0.0	1.0	3.0	3.1	6.2	7.6	4.9	4.7	4.5	3.7	3.5	3.2	2.9	2.5	2.4	2.0	1.5	1.4	1.5	15.7	17.9	13.2	7.5	5.6	9.7	7.0	5.7	4.9	4.4
Patterson	Cache	9	3.0	3.0	3.0	3.2	3 3	3.5	3.7	4.7	5.5	5.7	5.9	6.1	6.1	6.2	6.2	6.3	6.2	6.1	6.0	5.9	5.9	7.1	7.5	7.7	7.9	8.1	8.4	8.5	8.4	8.3	8.2

Daily Temperatures for December, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	59	67	59	60	64	53	45	54	53	65	54	67	68	67	52	62	55	50	58	47	55	56	55	39	44	49	52	37	40	57	56	54.8
	Minimum	30	25	49	46	28	44	37	39	35	28	28	41	45	32	38	29	28	25	31	32	46	35	21	22	21	22	30	16	15	22	40	31.6
Batesville §§	Maximum	53	64	69	65	64	51	37	46	45	59	60	66	63	60	48	63	41	45	52	47	50	42	37	38	42	42	30	36	52	54	65	51.2
	Minimum	37	29	34	53	26	31	33	22	30	33	28	36	52	38	38	28	28	21	21	24	33	41	27	20	20	32	27	12	12	30	40	30.2
Bee Branch	Maximum	54	60	57	59	62	56	45	51	46	57	60	61	61	57	54	63	58	45	52	47	53	53	36	37	40	45	42	35	52	50	61	51.9
	Minimum	29	27	46	42	30	41	31	30	32	29	31	36	41	32	33	29	34	23	25	30	39	30	21	20	20	34	16	12	21	30	45	30.3
Bentonville	Maximum	46	65	59	56	63	50	34	47	46	48	61	66	58	52	44	56	41	43	46	48	57	33	27	32	39	38	25	37	53	52	68	48.1
	Minimum	36	36	56	40	33	34	32	29	34	30	41	43	34	29	34	31	28	24	22	30	33	20	14	10	25	25	11	13	31	38	43	3.3
Booneville	Maximum	52	67	61	60	67	67	43	50	49	60	66	72	65	57	52	63	56	47	53	46	56	56	31	35	41	44	41	43	58	58	72	54.5
	Minimum	37	38	57	44	38	43	36	32	35	35	46	49	42	38	35	37	35	29	30	35	42	25	20	22	26	37	21	14	33	44	50	35.6
Brinkley	Maximum	57	65	58	58	65	56	56	41	45	59	65	63	65	62	56	63	57	48	55	51	54	56	39	40	48	51	43	38	55	55	62	54.4
	Minimum	35	31	46	46	30	43	34	32	32	33	35	49	45	36	35	31	35	24	32	31	43	32	24	22	24	34	32	16	26	34	47	33.8
Calico Rock §§	Maximum	52	65	59	57	64	52	38	44	46	58	62	68	62	57	48	62	45	44	51	45	54	32	32	32	42	45	27	37	56	60	65	50.4
	Minimum	38	28	29	53	29	30	34	29	29	34	34	43	50	36	37	35	33	25	23	25	31	39	20	20	20	31	19	13	13	27	41	30.6
Camden	Maximum	56	68	61	62	64	48	42	45	56	63	58	68	60	65	53	62	57	54	50	58	55	39	43	44	56	64	43	42	58	63	70	55.7
	Minimum	31	29	30	51	30	32	38	39	35	31	31	33	54	33	30	33	31	28	24	30	45	24	22	24	39	44	48	43	40	57	56	44.3
Conway	Maximum	55	65	60	60	65	54	46	51	49	58	62	65	64	61	52	65	56	46	53	49	54	53	37	39	44	49	39	34	51	56	58	51.5
	Minimum	36	30	50	46	30	44	35	32	35	30	33	42	45	32	33	27	35	24	28	21	45	32	24	22	24	37	26	15	25	32	44	32.7
Corning	Maximum	53	65	58	61	63	56	48	46	44	56	63	64	66	55	53	6	57	44	48	42	51	52	38	35	39	41	39	23	35	24	37	47.3
	Minimum	32	32	50	48	27	40	37	31	38	39	33	48	57	37	35	34	33	24	41	26	42	37	27	18	23	35	24	14	28	37	47	33.9
Dardanelle	Maximum	....	....	....	....	....	....	....	....	....	....	....	62	60	58	51	57	....	....	42	45	54	54	36	30	38	44	32	40	50	61	47.3
	Minimum	....	....	....	....	....	....	....	....	....	....	....	43	44	34	37	35	....	....	24	34	45	28	24	25	28	37	27	18	26	32	46	32.6
Dodd City	Maximum	48	67	59	57	66	52	51	48	45	57	64	65	61	53	48	65	56	40	48	36	54	....	36	30	38	37	37	38	58	56	62	51.1
	Minimum	29	28	51	42	28	46	28	22	28	28	33	33	40	31	28	31	28	20	29	25	25	....	17	13	18	....	12	8	22	29	44	28.1
Lumas	Maximum	57	65	60	60	65	54	46	45	49	60	62	64	60	65	53	63	53	52	48	54	57	54	41	41	48	59	53	41	57	53	60	54.8
	Minimum	35	30	45	53	32	43	36	36	34	34	32	55	50	37	36	35	33	28	38	42	49	34	25	26	24	41	31	21	27	35	48	36.3
Dutton	Maximum	50	61	58	54	61	50	45	47	43	55	59	60	60	54	44	58	50	44	50	43	51	52	28	33	33	40	33	33	51	48	63	48.7
	Minimum	30	22	34	40	25	41	33	29	27	32	31	33	37	26	23	30	26	13	18	25	41	20	15	11	17	32	13	6	22	30	43	26.6
El Dorado	Maximum	56	67	58	61	65	55	47	54	57	62	64	66	59	....	....	61	57	53	49	52	....	42	41	....	48	64	49	42	57	63	68	56.3
	Minimum	33	34	44	50	32	44	37	39	36	35	33	56	35	....	....	32	33	28	37	42	....	21	24	....	25	44	33	18	25	39	51	35.6
England	Maximum	57	69	61	60	66	47	39	49	51	61	60	65	61	63	51	62	49	50	53	54	53	52	40	41	47	53	41	35	59	56	64	53.8
	Minimum	36	32	33	50	32	35	37	36	35	34	35	42	51	36	37	33	34	29	30	33	42	40	23	23	25	32	31	41	19	25	38	43.4
Eureka Springs	Maximum	50	66	60	57	65	57	45	48	49	60	64	67	60	55	46	58	49	44	50	44	57	54	31	35	40	37	31	41	58	53	69	51.6
	Minimum	32	35	54	40	48	41	31	28	30	33	41	44	34	32	31	33	28	23	23	27	37	20	15	10	21	29	10	11	29	41	46	30.9
Fayetteville	Maximum	53	65	58	57	55	67	45	55	46	58	66	66	66	54	56	56	57	46	55	49	56	54	34	37	44	....	24	38	55	60	69	53.4
	Minimum	34	38	54	39	37	32	31	29	33	29	43	42	36	33	32	28	23	23	34	43	19	14	12	23	....	11	10	29	41	59	73	31.2
Fort Smith	Maximum	50	67	63	61	65	53	41	50	50	58	64	71	59	56	49	61	48	47	52	46	57	39	32	33	40	44	32	40	52	53	65	52.0
	Minimum	38	35	59	44	35	40	38	31	34	30	39	43	39	34	35	34	34	30	31	31	39	25	21	22	27	32	20	18	28	39	49	34.1
Gillett	Maximum	55	65	58	60	65	51	43	44	47	61	62	64	61	61	63	51	61	51	51	47	54	55	53	39	40	47	58	48	40	55	52	65	53.7
	Minimum	36	31	36	39	33	34	37	38	34	35	34	46	40	29	36	35	35	27	38	38	48	35	24	25	28	41	29	21	27	26	46	34.2
Grannis	Maximum	56	65	57	60	60	52	44	50	48	61	51	65	66	62	50	61	52	51	57	48	57	50	40	47	36	56	38	38	55	54	72	53.5
	Minimum	32	26	50	37	27	43	39	29	28	24	29	41	43	26	34	25	27	27	29	37	47	25	15	23	25	35	21	12	19	33	54	31.1
Gravette	Maximum	45	50	65	59	63	56	44	49	46	58	61	68	60	55	47	56	57	43	47	48	57	52	29	31	39	37	32	36	54	52	71	50.5
	Minimum	34	37	40	39	29	44	32	26	28	26	39	35	35	29	24	25	29	19	19	21	32	19	13	10	18	30	7	13	28	32	39	27.2
Hardy	Maximum	55	64	64	61	61	59	50	45	46	55	55	62	63	65	59	55	44	63	62	48	47	53	54	37	33	39	40	40	34	54	60	52.5
	Minimum	35	24	50	26	26	40	32	30	31	30	30	32	42	47	28	34	29	36	32	19	27	37	30	25	18	19	34	19	10	20	28	29.4
Hope	Maximum	68	57	63	63	63	53	45	48	50	63	62	70	70	70	65	55	55	59	55	58	56	42	45	46	42	62	46	58	64	66	74	57.9
	Minimum	29	38	49	46	30	39	39	39	36	30	41	40	43	42	46	30	30	29	38	42	45	27	21	23	26	42	19	28	41	45	52	36.1
Hot Springs	Maximum	51	51	58	61	60	55	46	48	47	50	52	53	50	55	55	56	56	56	54	58	53	41	38	39	39	45	40	29	18	33	42	50.2
	Minimum	37	40	37	47	35	43	37	38	36	35	39	40	44	34	39	39	37	31	37	41	37	39	37	36	37	42	37	24	36	53	56	39.3
Jonesboro	Maximum	61	67	69	62	63	58	49	47	54	54	54	58	66	67	64	61	60	62	58	60	62	58	61	51	52	54	60	54	56	54	56	57.4
	Minimum	37	39	43	46	32	42	32	32	35	43	33	48	46	37	37	34	35	28	30	29	41	33	27	21	24	36	26	16	27	36	46	34.5
Junction	Maximum	62	61	66	69	62	50	48	56	58	64	58	66	67	64	61	60	62	58	60	62	58	61	51	52	54	60	54	56	54	56	68	58.9
	Minimum	29	33	37	42	31	36	40	38	35	31	30	40	40	33	32	29	30	29	33	38	32	33	30	29	30	37	33	19	28	39	49	34.4
Little Rock	Maximum	54	61	60	58	62	51	35	37	37	38	39	51	44	35	39	31	38	54	37	38	48	27	25	26	27	38	25	19	29	40	51	52.5
	Minimum	38	35	53	45	40	43	35	37	37	38	39	51	44	35	39	31	38	54	37	38	48	27	25	26	27	38	25	19	29	40	51	52.5
Lutherville	Maximum	51	61	59	59	62	57	50	50	45	58	65	62	61	55	53	61	59	44	55	49	53	54	33	37	41	44	41	39	52	51	68	52.5
	Minimum	35	33	50	42	38	42	35	31	32	31	37	43	40	29	32	27	32	30	29	35	40	26	20	20	23	27	14	26	38	47	62	32.7
Magnolia	Maximum	56	64	63	61	63	56	47	44	55	63	59	68	69	66	62	61	57	54	60	64	48	51	49	53	53	53	42	45	52	54	71	56.7
	Minimum	32	35	48	49	33	45	39	40	36	31	40	54	50	35	33	30	30	31	39	43	51	33	23	27	28	42	34	20	29	43	55	37.4
Mammoth Spring	Maximum	52	66	60	58	62	59	50	46	43	56	62	63	63	57	54	60	64	48	51	49	53	53	33	32	39	39	42	25	38	52	58	53.1
	Minimum	36	24	51	42	51	39	33	29	30	39	26	35	47	36	36	30	30	29	41	25	38	32	25	18	18	34	18	12	22	27	46	33.1
Marianna	Maximum	58	63	58	61	65	58	49	45	45	58	63	63	65	65	52	62	49	48	51	56	54	....	39	37	51	44	51	36	54	52	66	53.1
	Minimum	32	32	46	50	33	42	35	34	35	31	38	46	26	36	33	35	26	35	34	45	....	....	24	34	29	36	19	27	35	48	55	35.4
Marked Tree §§	Maximum	55	67	59	67	64	51	40	44	44	61	67	67	72	61	58	64	50	52	57	56	51	39	37	51	51	39	40	35	55	55	55	54.4
	Minimum	38	29	32	51	29	40	34	33	33	38	31	38	54	39	36	34	39	32	40	28	32	40	31	33	37	46	37	36	53	59	62	51.5
Marshall	Maximum	54	63	59	64	65	55	48	46	45	59	61	61	60	64	59	62	56	45	45	44	57	53	31	33	33	37	32	16	13	42	48	34.6
	Minimum	34	40	53	45	35	45	32	30	35	35	42	46	43	35	35	33	36	32	27	27	35	28	18	20	22	34	37	38	33	53	52	34.1
Mena	Maximum	51	62	58	58	61	50	42	50	45	63	58	64	65	64	42	57	50	47	52	47	55	52	34	37	38	49	39	19	21	48	59	50.3
	Minimum	35	36	52	41	34	42	36	28	32	31	42	42	41	32	36	36	36	35	27	27	34	43	27	19	21	35	21	13	48	44	62	32.7
Mountain Home	Maximum	53	69	60	56	53	56	50	46	45	57	65	69	62	60	59	61	54	64	57	47	53	46	34	20	14	19	34	14	9	22	33	41.3
	Minimum	35	26	52	48	40	38	27	25	26	35	31	37	40	34	31	33	34	31	39	32	26	29	36	34	20	14	19	34	14	9	22	33	41	30
Mount Ida	Maximum	58	60	65	60	65	52	44	51	50	64	60	68	69	65	54	64	57	47	53	46	35	54	40	44	42	46	40	26	12	22	40	42.3
	Minimum	36	24	46	45	26	43	34	32	37	25	30	38	44	26	24	23	29	22	26	26	46	27	20	22	28	40	26	12	22	40	42	30.6
Nail	Maximum	48	57	52	51	59	51	41	45	38	53	58	59	40	51	41	33	42	49	47	49	49	49	27	33	39	42	40	29	11	32	42	29.9
	Minimum	39	32	46	38	40	38	29	25	30	36	36	36	36	32	27	32	27	22	29	31	32	29	14	14	20	29	11	10	21	32	59	31.5
Newport	Maximum	46	62	62	59	60	55	50	43	44	54	60	62	65	60	52	61	55	45	49	52	52	52	36	33	42	48	43	37	25	16	27	35	46	34
	Minimum	35	35	50	49	32	44	32	33	33	40	35	50	46	35	35	32	35	28	30	35	42	35	26	23	25	37	27	18	25	36	42	30.4
Osceola	Maximum	58	63	58	63	60	67	58	48	45	64	60	56	60	61	57	61	60	50	54	49	50	54	41	38	42	45	41	37	37	49	54	49.3
	Minimum	34	33	48	42	30	46	34	33	38	35	36	36	36	36	38	35	36	32	32	34	45	31	33	32	35	37	30	30	44	53	61	36.0
Ozark	Maximum	....	....	....	....	69	65	49	44	49	48	....	....	61	66	57	61	60	61	59	60	58	47	51	56	55	47	47	16	47	58	60	55.4
	Minimum	....	....	....	....	29	37	42	39	29	30	....	....	38	34	36	34	28	31	25	29	35	44	27	22	22	36	21	18	15	24	30	45.0
Pine Bluff	Maximum	53	65	61	51	62	49	11	46	51	55	57	61	60	61	59	60	58	47	51	56	55	47	23	28	27	40	33	36	39	43	51	52.3
	Minimum	33	31	47	46	34	38	37	39	37	36	38	48	50	37	33	33	32	35	38	36	41	41	26	19	20	35	22	12	27	30	46	38.2
Pocahontas	Maximum	56	63	60	61	64	58	49	50	45	57	62	63	64	61	60	60	56	60	57	45	51	39	39	26	26	39	39	26	19	26	35	22	12	27	30	46	32
	Minimum	34	27	49	45	28	40	32	32	31	39	29	44	45	36	36	33	32	32	47	37	45	43	25	26	24	41	33	22	12	27	35	32.7
Portland	Maximum	55	68	60	62	66	54	46	44	52	59	59	64	67	64	54	62	56	60	58	52	57	55	41	42	43	50	57	54	41	55	62	73.5
	Minimum	35	29	41	55	33	45	39	38	39	34	33	57	52	35	39	35	39	35	40	43	51	35	29	29	25	46	34	24	26	37	32	37.6
Prescott	Maximum	56	68	63	64	63	55	46	48	55	63	58	69	68	62	56	61	55	52	53	59	56	55	32	33	39	42	32	19	26	40	56	50.3
	Minimum	31	30	49	48	32	45	38	39	34	32	33	53	48	31	33	30	30	32	36	40	42	40	23	24	24	37	33	19	18	42	58	38.5
Rison	Maximum	51	57	67	61	66	63	47	42	52	55	62	66	67	67	65	52	65	61	62	62	56	54	50	47	47	42	33	39	37	55	40	53.3
	Minimum	31	33	33	45	31	35	38	37	37	38	34	41	57	34	33	32	33	32	29	35	46	42	33	34	32	39	37	33	39	57	52	38.5
Rogers	Maximum	48	58	58	58	64	56	46	48	46	58	62	67	69	55	44	57	57	44	47	45	57	53	43	44	47	49	30	32	52	54	61	52.5
	Minimum	33	28	34	40	26	43	32	30	26	36	42	39	37	32	32	32	27	19	19	28	43	30	20	15	12	21	32	12	9	30	32	44.2
Searcy	Maximum	55	61	65	55	65	55	48	44	46	57	65	61	61	60	52	62	54	41	53	50	51	53	39	40	47	58	48	40	55	52	66	53.7
	Minimum	35	27	45	47	30	43	34	33	33	32	30	44	43	32	35	31	35	27	38	38	48	35	24	25	28	41	29	21	27	26	46	34.2
Stuttgart	Maximum	55	65	70	59	64	55	46	46	51	59	67	72	69	57	54	64	58	54	47	57	51	53	46	36	25	24	24	40	30	45	41	53.5
	Minimum	37	31	45	51	32	44	36	37	39	34	35	51	39	36	36	34	34	26	35	34	46	36	25	24	24	40	23	18	....	....	....	34.3
Subiaco	Maximum	53	70	62	60	65	59	46	51	50	70	65	65	70	70	66	66	67	58	54	58	62	62	61	41	45	52	43	64	69	74	74	58.2
	Minimum	35	29	55	45	32	43	37	36	36	35	35	37	42	38	35	35	35	35	37	28	32	42	33	33	32	42	31	20	32	47	58	37.4
Texarkana	Maximum	56	73	67	67	68	52	53	56	56	63	63	70	74	66	56	67	58	54	58	62	62	61	41	45	52	62	52	43	64	69	74	58.2
	Minimum	32	40	55	48	35	45	40	40	36	32	45	45	50	34	31	31	30	30	33	32	42	42	33	33	32	42	31	20	32	47	58	37.4
Umphers	Maximum	51	58	67	57	60	53	41	47	50	58	60	65	57	60	55	63	58	45	48	45	54	54	52	54	54	60	54	52	43	55	51	55.3
	Minimum	36	43	50	43	40	42	34	33	34	36	41	42	36	26	33	35	33	31	33	35	43	28	28	29	22	25	31	24	12	29	41	33.0
Warren	Maximum	54	64	59	60	64	55	47	46	53	57	58	63	65	62	56	66	53	51	49	52	55	53	28	38	39	47	60	54	39	54	57	53.2
	Minimum	36	31	46	33	33	45	38	39	30	38	38	36	38	36	38	36	36	30	39	41	50	31	24	27	26	43	33	22	36	39	53	36.0
Wynne §§	Maximum	63	58	59	60	49	47	47	42	45	56	62	64	64	63	61	51	63	45	46	51	56	54	45	39	38	50	45	33	37	53	57	52.3
	Minimum	36	35	40	50	32	43	42	37	39	37	37	39	54	37	35	35	35	25	28	26	33	43	26	23	24	32	30	18	19	39	42	32.3

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

Scale of Shades.

0 to 1 inch.

1 to 2 inches.

2 to 4 inches.

4 to 6 inches.

Over 6 inches.

Statute Miles

Kilometers

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, METEOROLOGIST.

VOL. XXV. LITTLE ROCK, ARK., ANNUAL, 1920. No. 13.

MAR 2 - 1921

GENERAL SUMMARY.

Considered as a whole the year 1920 was not abnormal and, t for the untimely cold spell in April and the rather heavy in in May, the year might be recorded as practically normal. he mean temperature for the State was 60.7°, which is 0.3° low normal. The annual means ranged from 55.4° at Dutton 66.2° at Huttig, the extremes from 105° at Bee Branch to ° at Dutton. The average precipitation was 54.28 inches, hich was 6.18 inches above normal, and the extremes ranged om 28.97 inches at Fort Smith to 73.02 inches at Huttig. The owfall averaged about 4 inches and ranged from 16 inches. Bentonville to none at some southern stations.

January and February were mild months, no unusually low mperatures being reported, and the precipitation averaged a- ut normal. The average rainfall during the growing season, arch to September, was 34.24 inches, which is 4.11 inches ore than the normal, most of this excess occurring in May. he spring months were cold and wet and farmers got badly hind with their work. Freezing temperature on April 5th did tensive damage to fruit and berries, and necessitated replant- g cotton. On April 18th a tornado occurred in Yell, Logan, d Johnson counties during which 18 lives were lost and prop- y valued at $100,000.00 was destroyed. In June there was less nfall, cotton was planted, and farm work of all kinds ad- nced. During August there was again too much rain and boll evil increased, but the damage was not so great as was at one he feared. Crops being late, warmth and sunshine were need- to bring them to maturity before frost. Fortunately favorable ditions prevailed during September and October and, with ry fall, most crops were harvested under favorable conditions, delays in most cases being due to poor prices and not unfa- rable weather.

There was an average of 90 days with 0.01 or more precip- tion and 9 months during which the precipitation depart- s were positive. Despite this excess, no floods of consequence urred on the rivers, but the dirt roads of the State were in bad dition more than the usual length of time. The Aurora Bore- was observed on the evening of March 22d and a meteor of re than usual brilliancy on June 8th. The last general killing t in the spring occurred April 5th at which time previous temperature records for April were broken. The first killing t in autumn occurred about November 3d, giving an average wing season of 211 days. For an agricultural state, Arkansas's ther during 1920 was, on the whole, favorable and the crop ds, peaches and berries excepted, were above those of an av- ge year.

W. C. H.

KILLING FROSTS, 1920.

STATIONS.	Last in spring.	First in autumn.	STATIONS.	Last in spring.	First in autumn.
Amity	.....	Nov. 3	Jonesboro	*Apr. 5	Nov. 12
Arkansas City	.....	Nov. 12	Junction	*Apr. 5	Nov. 17
Bald Knob	.....	Nov. 13	LITTLE ROCK	Apr. 5	Nov. 12
Batesville	*Apr. 14	Nov. 3	Lutherville	*Apr. 5	Nov. 3
Bee Branch	*Apr. 5	Nov. 3	Magnolia	*Apr. 5	Nov. 13
Bentonville	Apr. 13	Nov. 2	Malvern	*Apr. 5	Nov. 3
Bergman	*Apr. 14	Oct. 29	Mammoth Spring	*Apr. 14	Oct. 29
Black Rock	Apr. 5	Nov. 12	Marianna	*Apr. 5	Nov. 12
Booneville	*Apr. 5	Nov. 3	Marked Tree	*Apr. 13	Oct. 29
Brinkley	*Apr. 5	Nov. 12	Marshall	*Apr. 5	Nov. 3
Calico Rock	Apr. 14	†Nov. 13	Mena	*Apr. 5	Nov. 12
Camden	*Apr. 6	Nov. 4	Mountain Home	*Apr. 14	Nov. 3
Centerpoint	*Apr. 5	.....	Mount Ida	*Apr. 14	Nov. 3
Clarendon	.....	Nov. 4	Nail	*Apr. 13	Nov. 3
Conway	*Apr. 5	†Nov. 3	Newport	*Apr. 5	Nov. 3
Corning	*Apr. 5	Oct. 29	Okay	.....	Nov. 4
Danville	Apr. 5	Nov. 3	Osceola	Apr. 5	Nov.
Dardenelle	*Apr. 5	Nov. 3	Ozark	*Apr. 13	Nov. 3
Dodd City	*Apr. 14	Nov. 3	Pine Bluff	*Apr. 5	Nov. 3
Dumas	*Apr. 5	Nov. 12	Pocahontas	*Apr. 5	Nov. 12
Dutton	*Apr. 14	Oct. 28	Portland	*Apr. 5	Nov. 3
El Dorado	*Apr. 5	Nov. 17	Prescott	Apr. 5	Nov. 3
England	.....	Nov. 3	Princeton	.....	Nov. 3
Eureka Springs	*Apr. 13	Nov. 2	Rison	*Apr. 12	Nov. 3
Fayetteville	*Apr. 13	Oct. 29	Rogers	*Apr. 14	Oct. 28
Fort Smith	Apr 5	Nov. 3	Searcy	Apr. 5	Nov. 3
Georgetown	.....	Nov. 3	Springbank	Apr. 5	.....
Gillett	.....	Nov. 12	Stuttgart	*Apr. 5	Nov. 3
Grannis	*Apr. 13	Oct. 28	Subiaco	*Apr. 5	Nov. 13
Gravette	*Apr. 15	Oct. 28	Texarkana	*Apr. 5	Nov. 13
Hardy	*Apr. 14	Nov. 3	Umphers	*Apr. 14	Nov. 12
Higden	.....	Nov. 2	Waldron	Apr. 13	Oct. 28
Hope	*Apr. 5	Nov. 3	Warren	*Apr. 5	Nov. 12
Hot Springs	*Apr. 5	Nov. 12	Whitecliffs	Apr. 5	Oct. 28
Huttig	*Apr. 5	Nov. 17	Wynne	*Apr. 5	Nov. 13

*No killing frost recorded; last freezing temerature in Spring.
†No killing frost recorded; first freezing temperature in Autumn.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1920.

Month.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.			Prevailing direction of the wind.
	Mean.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest local amount.	Number of rainy days.	Clear.	Pt. cloudy.	Cloudy.	
January	39.6	- 1.7	82	11	6.49	+ 2.09	12.83	8	12	4	15	n.
February	45.0	+ 3.2	79	- 2	1.26	- 2.15	3.18	5	11	8	10	n.
March	51.8	- 1.5	88	2	5.31	- 0.53	8.57	8	14	5	12	z.
April	59.8	- 1.3	94	11	5.49	+ 0.89	10.56	10	18	2	10	s.
May	70.8	+ 1.8	96	39	8.17	+ 2.86	7.28	12	11	9	11	s.
June	74.7	- 1.7	101	42	3.41	- 0.93	8.26	6	19	6	5	s.
July	79.8	- 0.3	105	52	4.22	+ 0.43	8.40	7	15	10	6	s.
August	76.8	- 2.6	102	46	4.08	+ 0.27	8.55	8	13	9	9	s.
September	74.9	+ 1.2	100	30	3.56	+ 0.06	8.25	6	17	6	7	s.
October	64.2	+ 2.2	93	25	4.39	+ 1.68	8.18	7	16	6	9	s.
November	47.8	- 3.9	89	10	1.95	- 1.47	5.78	5	15	4	11	n.
December	43.2	+ 1.2	74	6	5.95	+ 1.92	9.19	8	13	5	13	s.
Annual	60.7	- 0.3	105	- 2	54.28	+ 6.18	12.83	90	174	74	118	s.

COMPARATIVE ANNUAL DATA FOR ARKANSAS.

YEAR.	TEMPERATURE.				PRECIPITATION.		NUMBER OF DAYS.			
	Monthly average.	Departure.	Highest.	Lowest.	Average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip., .01 or more.
1891	60.5	−0.1	108	6	44.49	− 1.45	91	94	180	94
1892	60.0	−1.3	106	−14	57.75	+ 7.79	159	98	109	98
1893	60.7	−0.6	103	−13	47.91	− 2.05	185	95	85	75
1894	61.3	0.0	108	−22	49.05	− 0.91	176	97	92	75
1895	59.8	−1.5	105	−17	44.69	− 5.27	167	92	106	83
1896	63.0	+2.4	112	4	38.02	−10.04	171	97	98	79
1897	62.4	+1.7	111	− 2	46.52	− 4.26	178	96	91	76
1898	61.4	+0.7	108	− 4	56.83	+ 6.60	159	105	102	89
1899	60.6	−0.5	112	−25	41.49	− 2.40	170	105	90	76
1900	62.0	+1.0	108	− 5	49.03	+ 0.69	150	120	95	92
1901	61.1	−0.1	116	− 6	35 28	−11.07	175	111	79	65
1902	60.4	−0.7	108	− 2	51.70	+ 5.01	150	121	94	81
1903	59.3	−1.5	105	−12	44.62	− 2.09	162	107	96	84
1904	60.5	−0.3	105	− 5	43.45	− 4.75	169	112	85	78
1905	59.5	−1.3	106	−29	63.65	+16.35	146	107	112	103
1906	60.2	−0.5	101	− 7	56.97	+ 8.60	156	96	113	95
1907	61.7	+0.9	113	− 8	49.71	+ 2.06	163	91	111	86
1908	62.1	+1.4	103	0	48.88	+ 2.06	158	100	108	92
1909	62.1	+1.4	111	−19	44.05	− 3.72	173	93	96	83
1910	61.0	+2.2	105	−13	45.21	− 2.93	172	109	84	84
1911	62.9	+1.9	107	− 9	49.53	+ 2.15	152	117	96	95
1912	59.8	−1.2	106	−16	45.83	− 1.87	171	110	85	81
1913	61.6	+0.8	108	− 1	54.01	+ 5.09	158	107	100	89
1914	61.4	+0.7	110	−11	42.85	− 4.02	149	109	107	82
1915	60.6	−0.2	107	− 3	53.08	+ 6.57	163	81	121	82
1916	61.9	+1.2	107	−16	42.18	− 5.99	191	76	99	75
1917	59.2	−1.7	106	−21	40.72	− 7.15	187	74	104	75
1918	61.4	+0.7	115	−23	44.64	− 2.96	174	76	115	75
1919	61.6	+0.6	113	−10	54.52	+ 7.20	166	75	124	91
1920	60.7	−0.3	105	− ?	54.28	+ 6.18	174	74	118	

Climatological Data for Year, 1920.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).							Precipitation, inches.							Number of days.				Prevailing direction of wind
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.		Length of record, years.	Total the year.	Greatest monthly amount.	Month.	Least monthly amount.	Month.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
Amity	Clark	250	27	....	.....	.....	.....	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Arkadelphia	Clark	160	.....	.....	.....	.....	.....	.....	.....	24	49.64	7.87	Dec.	1.35	Feb.	0.0	70	175	0	191	sw
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	.....	36	65.11	11.73	May	2.02	Sept.	0.0	119	151	67	148	
Bald Knob	White	229	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Batesville	Independence	277	21	58.0	98	July	24	10	Feb.	16†	21	59.09	11.06	May	0.75	Nov.	T.	100	157	11	198	...
Bee Branch	Van Buren	.....	26	60.7	105	July	24	10	Feb.	16	28	63.30	12.00	May	0.85	Feb.	1.0	86	101[a]	121[a]	143[a]	...
Bentonville	Benton	1303	14	56.6	96	July	3	4	Mar.	7	14	42.16	6.60	Mar.	0.66	Feb.	16.5	115	154	90	122	
Bergman	Boone	1324	23	.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Black Rock	Lawrence	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	53.97	11.52	May	1.07	Nov.	1.2	102	197	37	132	
Booneville	Logan	.....	6	62.1	102	July	2†	11	Feb.	16	6	49.09	12.83	Jan.	0.78	Nov.	1.5	107	188	86	92	
Brinkley	Monroe	226	38	61.3	100	July	3	14	Feb	16	38	70.67	11.72	May	1.88	Nov.	T.	89	172	75	119	
Calico Rock	Izard	361	16	58.5	102	July	24	9	Feb.	16†	16	42.62	7.39	May	0.61	Nov.	4.0	103	200	17	149	
Camden	Ouachita	158	34	61.6	97	July	4	19	Nov.	17	34	55.91	7.92	May	2.03	Nov.	T.	103	164	50	152	s
Clarendon	Monroe	171	16	.....	.....	.....	.....	.....	.....	.....	16	55.84	9.92	May	1.94	Feb.	0.3	107	135	88	143	
Conway	Faulkner	309	36	61.3	100	July	3	14	Feb.	16	36	56.75	8.26	June	1.11	Feb.	T.	86	183[b]	114[b]	67[b]	
Corning	Clay	293	20	.....	.....	.....	.....	.....	.....	.....	27	48.80	9.52	May	0.85	Feb.	3.0	86	172[b]	77[b]	115[b]	
Danville	Yell	337	.....	.....	.....	.....	.....	.....	.....	.....	5	47.76	6.71	Jan.	0.86	Nov.	0.5	83	220	15	130	..
Dardanelle	Yell	330	34	.....	.....	.....	.....	.....	.....	.....	34	47.95	7.96	May	0.57	Feb.	0.7	84	167[n]	68[n]	116[n]	..
Dodd City	Marion	1175	38	.....	.....	.....	.....	.....	.....	.....	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Dumas	Desha	162	13	62.9	99	July	3	20	Feb.	16†	16	67.61	11.50	May	1.60	Sept.	T.	122	86	190	90	..
Dutton	Madison	1590	18	55.4	96	July	3†	−2	Feb.	16	18	59.50	8.25	Sept.	1.26	Nov.	4.3	104	170[b]	103[b]	90[b]	
El Dorado	Union	265	16	63.4	98	July	3	18	Dec.	28	16	63.31	8.47	Dec.	2.99	Oct.	0	87	133[f]	105[f]	122[f]	
England	Lonoke	229	13	.....	.....	.....	.....	.....	.....	.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Eureka Springs	Carroll	1465	18	58.3	99	July	3	3	Mar.	7	18	48.29	8.66	May	0.82	Nov.	11.0	88	153	136	77	
Fayetteville	Washington	1451	34	58.3	96	July	4†	3	Feb.	16	34	.....	.....	.....	.....	.....	.....	.....	219[e]	67[e]	75[e]	
Fort Smith	Sebastian	481	38	61.0	102	July	3	13	Feb.	16†	38	28.97	4.74	Dec.	0.42	Nov.	2.4	97	148	110	108	
Fulton	Hempstead	264	.....	.....	.....	.....	.....	.....	.....	.....	34	49.39	9.14	May	1.58	June	T.	70	144[c]	67[c]	152[c]	
Georgetown	White	200	.....	.....	.....	.....	.....	.....	.....	.....	7	56.81	8.59	Jan.	1.34	Feb.	0	89	184	28	154	
Gillett	Arkansas	.....	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Grannis	Polk	921	2	59.8	96	July	3	12	Dec.	28	2	69.59	15.21	May	1.96	Feb.	1.5	105	214	53	99	
Gravette	Benton	1250	22	56.6	95	July	3	2	Feb.	16	22	38.64	6.88	Aug.	0.35	Feb.	10.0	87	147[b]	90[b]	121[b]	
Hardy	Sharp	643	23	.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Helena	Phillips	182	.....	.....	.....	.....	.....	.....	.....	.....	49	64.55	10.56	May	2.07	Feb.	T.	.....	.....	.....	.....	
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hope	Hempstead	377	48	63.9	101	July	3	19	Mar.	7†	48	56.17	8.36	May	1.34	June	2.0	78	201[c]	56[c]	94[c]	
Hot Springs	Garland	600	27	63.1	98	July	24	15	Feb.	16	29	53.74	11.16	May	0.95	Nov.	T.	86	225	67	74	
Huttig	Union	.....	13	66.2	99	July	25	20	Jan.	3†	13	73.02	8.90	Dec.	1.59	Feb.	0	84	189[c]	89[c]	73[c]	
Jonesboro	Craighead	345	25	61.4	98	June	4†	11	Feb.	27	25	53.15	9.34	May	1.67	Nov.	3.0	84	210	69	87	
Junction‡‡	Union	182	27	.....	.....	.....	.....	.....	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Little Rock	Pulaski	286	41	61.5	99	July	3	17	Feb.	16†	41	54.56	9.19	Jan.	0.88	Nov.	0.4	109	143	107	116	
Lutherville ‡‡	Johnson	775	23	60.3	99	July	3	11	Feb.	16†	23	49.09	8.07	May	0.69	Feb.	T.	94	209	51	106	
Magnolia	Columbia	315	2	63.5	99	July	24	20	Nov.	17†	2	54.20	6.32	Dec.	1.66	Oct.	0	71	.....	.....	.....	
Malvern	Hot Spring	277	37	.....	99	July	25	18	Mar.	7	37	69.52	9.21	Jan.	1.70	Feb.	T.	92	98	71	197	
Mammoth Spring	Fulton	512	15	58.0	98	June	23	4	Mar.	1	15	44.51	8.30	May	0.59	Nov.	9.0	74	199	83	84	
Marianna	Lee	235	11	60.4	97	June	14	16	Feb.	15	9	57.65	7.60	Jan.	1.83	Nov.	T.	77	157	100	109	
Marked Tree	Poinsett	229	15	60.5	102	July	24†	16	Jan.	5†	15	58.78	10.90	Jan.	1.79	June	T.	91	165	132	69	
Marshall	Searcy	1083	5	59.9	97	July	4	11	Mar.	6	5	58.43	15.32	May	0.51	Nov.	12.5	111	139	167	60	
Mena	Polk	1284	32	60.0	97	July	3	12	Mar.	7	32	54.86	8.91	May	1.49	Nov.	1.0	107	176	80	110	
Mountain Home	Baxter	800	6	58.2	100	July	1	8	Feb.	16†	6	51.27	7.96	May	0.53	Feb.	10.0	93	186	43	137	
Mount Ida	Montgomery	730	6	60.3	99	July	3†	11	Feb.	16	6	66.67	9.96	May	1.50	Feb.	0.8	74	166[c]	67[c]	130[c]	
Murfreesboro	Pike	367	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Nail	Newton	2253	27	.....	.....	.....	.....	.....	.....	.....	4	55.78	11.39	May	1.10	Nov.	0	50	205	15	146	
Newport	Jackson	231	36	60.6	100	July	24	12	Jan.	5	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Osceola	Mississippi	240	20	61.6	98	June	13†	10	Feb.	27	36	59.78	10.06	May	1.12	Feb.	T	93	169	103	94	
Okay	Pope	1700	5	.....	.....	.....	.....	.....	.....	.....	20	53.05	8.57	Jan.	1.70	Feb.	0	72	136[a]	63[a]	166[a]	
Ozark	Franklin	377	24	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Patterson	Woodruff	196	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pine Bluff	Jefferson	215	36	62.8	100	July	3	19	Feb.	15†	4	63.91	10.16	May	0.62	Feb.	0	75	212[a]	17[a]	136[a]	
Pocahontas	Randolph	300	28	60.2	97	July	3	9	Feb.	16	36	48.64	7.80	Dec.	1.76	Feb.	0.2	94	183	49	134	
Portland	Ashley	122	14	64.1	99	July	3	20	Nov.	17	28	54.47	10.85	May	0.95	Feb.	3.1	88	143	126	97	
Prescott	Nevada	327	38	63.4	100	July	3	19	Mar.	7†	14	71.72	13.91	May	1.10	Sept.	T	100	165[a]	117[a]	83[a]	
Princeton	Dallas	287	.....	.....	.....	.....	.....	.....	.....	.....	38	55.23	8.51	May	1.66	Feb.	0.4	105	208	37	121	
Rison	Cleveland	243	16	62.4	102	July	3	18	Feb.	26†	13	51.45	8.00	Dec.	1.61	Feb.	T.	64	216	29	121	
Rogers	Benton	1385	29	57.3	98	July	5	3	Mar.	7	20	56.22	7.33	Dec.	1.47	Feb.	0	70	135	123	98	
Searcy	White	236	7	61.0	98	July	24	13	Feb.	16	29	36.53	5.69	Mar.	0.33	Nov.	12.5	90	160	90	116	
Sheridan	Grant	300	.....	.....	.....	.....	.....	.....	.....	.....	7	53.70	9.36	May	1.09	Feb.	0	108	167[c]	52[c]	142[c]	
Springbank ††	Miller	240	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stuttgart	Arkansas	228	32	62.1	100	July	3	18	Feb.	16†	8	56.42	8.67	May	1.68	Feb.	0	85	189[a]	8[a]	168[a]	
Subiaco	Logan	1050	23	61.6	101	July	3	11	Feb.	16†	32	52.69	6.84	May	1.71	Feb.	0.4	101	194	101	71	
Texarkana	Miller	332	38	64.6	99	July	3	20	Dec.	28	23	46.17	6.12	Mar.	0.86	Feb.	0.5	96	162	109	95	
Umphers ‡‡	Yell	2000	3	58.8	94	Aug.	31†	12	Feb.	16†	38	64.56	9.55	May	1.47	Feb.	T.	82	202	44	120	
Waldron	Scott	678	.....	.....	.....	.....	.....	.....	.....	.....	3	58.37	7.46	Mar.	0.52	Nov.	1.2	94	208[g]	68[g]	83	
Warren	Bradley	206	25	63.1	97	July	3	20	Feb.	16	2	49.00	7.81	Mar.	1.02	Nov.	2.2	89	143	91	132	
Whitecliffs	Little River	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	57.60	7.93	Dec.	1.13	Sept.	T.	94	155	122	89	
Wynne	Cross	250	12	60.9	99	June	14	15	Feb.	16	15	52.36	9.40	May	0.40	Feb.	T.	53	160	56	150	
											12	57.62	9.01	May	0.99	Nov.	T.	98	178	46	142	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],ap in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Ju Randolph, La.; Lutherville, R F.D. No 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Monthly and Annual Precipitation for the Year 1920, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure
nity	6.67	+2.01	1.82	−2.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.82	+2.16	1.21	−2.84	8.16	+3.89	.....	.....
rkadelphia	7.75	+3.81	1.85	−2.75	3.20	−1.70	5.01	−0.27	6.65	+0.44	2.63	−2.88	3.90	−0.10	1.88	−2.85	4.05	+1.58	2.50	+0.13	2.85	−0.85	7.87	+2.78	49.64	− 2.66
rkansas City	7.35	+2.73	2.63	−2.11	4.56	−1.01	9.23	+4.77	11.73	+7.31	2.95	−1.42	5.80	+1.88	6.07	+2.14	2.02	−0.88	2.57	+0.65	3.63	−0.13	6.57	+1.57	65.11	+15.45
ld Knob	.....	.....	.....	.....	.....	.....	.....	.....	8.66	.....	4.48	.....	3.46	.....	4.06	.....	2.86	.....	3.74	.....	1.75	.....	6.68	.....	.....	.....
tesville	6.12	+1.74	0.87	−2.61	5.24	+1.38	4.69	+0.07	11.06	+6.02	3.66	−0.58	6.13	+2.94	6.00	+1.69	3.17	−0.90	4.79	+1.74	0.75	−2.59	6.61	+2.86	59.09	+11.76
ebe	.....	.....	.....	.....	.....	.....	4.65	.....	6.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
e Branch	7.35	+2.93	0.85	−2.37	6.55	+1.91	5.45	+1.11	12.00	+7.46	7.40	+3.73	4.15	+0.59	7.10	+3.38	2.00	−1.25	3.60	+1.00	1.20	−1.94	5.65	+1.90	63.30	+18.40
ntonville	2.27	−0.36	0.66	−1.86	6.60	+2.78	2.54	−1.35	5.84	+0.62	2.02	−2.54	2.83	−1.48	6.30	+2.26	4.50	+1.03	5.00	+2.19	0.93	−2.06	2.67	−0.09	42.16	− 0.86
rgman	4.54	+1.61	0.74	−2.20	6.47	+3.30	.....	.....	13.32	+8.70	1.41	−2.72	0.85	−3.27	4.56	+0.44	1.44	−2.36	3.36	+0.90	.....	.....	.....	.....	.....	.....
ack Rock	5.53	+1.01	1.52	−2.11	6.25	+2.54	3.53	−2.01	11.52	+6.89	2.36	−0.72	4.01	+0.17	3.04	−1.42	5.72	+2.14	3.42	+1.00	1.07	−2.93	6.00	+2.44	53.97	+ 7.00
oneville	12.83	.....	0.86	.....	5.69	.....	4.82	.....	2.98	.....	2.38	.....	5.74	.....	2.34	.....	3.15	.....	4.34	.....	0.78	.....	3.18	.....	49.09	.....
inkley	8.99	+4.06	2.13	−2.01	5.65	+0.23	7.60	+2.63	11.72	+7.04	3.51	+0.13	8.40	+4.19	4.81	+1.29	2.36	−0.87	4.90	+2.13	1.88	−2.98	8.72	+3.70	70.67	+19.54
lico Rock	5.21	+1.47	0.80	−1.84	4.66	+1.37	2.65	−2.15	7.39	+3.31	1.34	−2.43	2.68	−0.56	6.16	+0.53	3.04	−0.89	4.17	+1.74	0.61	−2.30	3.91	+1.05	42.62	− 0.70
mden	6.10	+1.34	2.03	−2.14	4.70	−0.35	7.31	+2.70	7.92	+3.41	2.57	−2.24	3.60	−0.39	3.04	−0.14	2.97	−0.47	2.56	+0.19	5.74	+1.66	7.37	+2.57	55.91	+ 6.14
enterpoint	.....	.....	.....	.....	.....	.....	5.30	+0.54	8.27	+1.53	2.23	−2.25	3.05	−1.08	2.38	−0.97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
arendon	4.52	+0.04	1.94	−2.27	4.16	−0.06	7.86	+1.68	9.92	+4.83	3.49	−0.27	4.08	+0.40	2.65	−2.33	2.60	−1.49	5.20	+2.32	2.21	−1.70	7.21	+1.69	55.84	+ 3.38
nway	7.15	+2.86	1.11	−2.77	6.75	+2.28	4.83	+0.54	7.59	+2.67	8.26	+4.41	3.12	−0.41	3.41	−0.27	3.67	+0.02	3.00	+0.44	1.77	−2.16	6.09	+2.03	56.75	+ 9.64
rning	3.00	−0.88	0.85	−2.92	5.83	+1.16	4.30	−0.28	9.52	+5.49	9.83	−2.34	3.85	+0.13	3.46	−0.04	5.64	+1.96	3.57	+0.62	0.86	−2.17	6.09	+2.59	48.80	+ 3.32
anville	6.71	.....	1.04	.....	6.71	.....	3.68	.....	6.21	.....	5.23	.....	3.49	.....	1.14	.....	3.49	.....	4.30	.....	0.86	.....	4.90	.....	47.76	.....
rdanelle	6.45	+3.14	0.57	−2.59	7.42	+3.02	5.24	+1.30	7.96	+2.20	2.74	−0.88	2.60	−1.13	3.10	−0.72	2.90	−0.61	3.60	+1.07	1.18	−2.25	4.19	+0.93	47.95	+ 3.48
odd City	3.62	+0.62	1.03	−2.20	5.70	+1.72	3.79	−0.33	6.63	+1.51	0.63	−3.65	2.72	−1.97	5.55	+0.91	3.97	+0.12	3.08	+0.09	.....	.....	3.16	+0.14	.....	.....
umas	5.82	+0.82	2.15	−1.76	6.16	+1.15	8.09	+3.59	11.50	+7.11	4.36	+0.50	2.70	−1.14	5.48	+1.65	1.60	−2.53	6.55	+3.82	4.54	+1.09	8.66	+3.28	67.61	+ 7.58
utton	3.63	−0.66	1.28	−1.92	5.15	+3.78	3.67	+0.38	5.48	−1.38	5.12	−0.37	5.54	+1.39	4.66	+0.28	8.25	+4.07	4.78	+1.58	1.26	−2.08	5.68	+2.73	59.50	+ 7.80
l Dorado	5.65	+2.18	3.18	−0.96	5.30	+0.48	8.23	+3.04	4.52	−0.65	3.38	−1.02	7.96	+4.05	4.24	+0.38	3.61	+0.35	2.99	+0.80	5.78	+1.34	8.47	+2.63	63.31	+12.62
ngland	8.53	+4.45	.....	.....	.....	.....	.....	.....	5.77	+1.40	4.20	+0.68	1.93	−1.05	4.36	−0.65	2.69	−1.28	3.13	+0.68	2.23	−1.32	8.67	+4.08	.....	.....
reka Springs	3.18	−0.24	1.74	−1.21	6.32	+2.72	2.70	−1.80	8.66	+2.62	1.44	−4.90	3.14	−1.02	6.49	+1.45	4.70	+0.85	6.09	+3.32	0.82	−1.75	3.01	+0.77	48.29	+ 0.81
ayetteville	3.17	+0.21	1.21	−1.31	6.03	+2.03	2.99	−1.20	5.95	+0.40	1.78	−2.74	4.71	+0.58	3.49	−0.69	3.08	−0.44	6.99	+3.91	1.17	−1.66	.....	.....	.....	.....
ort Smith	3.89	+1.38	0.74	−2.00	3.90	+0.28	3.40	−0.50	2.12	−2.79	1.71	−2.29	1.92	−1.92	1.68	−1.98	2.31	−0.86	4.74	+1.91	0.42	−2.86	2.14	−0.74	28.97	−12.37
ulton	7.50	+3.40	2.00	−1.08	4.79	+0.33	4.44	+0.35	9.14	+4.45	1.58	−1.95	3.10	−0.40	2.41	−0.30	2.19	−0.29	4.68	+2.78	4.32	+0.82	3.24	−0.28	49.39	+ 7.83
eorgetown	8.59	.....	1.34	.....	1.93	.....	6.54	.....	7.41	.....	4.08	.....	5.52	.....	2.67	.....	5.85	.....	4.00	.....	1.88	.....	7.00	.....	56.81	.....
llett	.....	.....	.....	.....	.....	.....	.....	.....	13.37	.....	.....	.....	.....	.....	4.23	.....	2.08	.....	7.42	.....	4.45	.....	7.21	.....	.....	.....
rannis	6.67	.....	1.96	.....	7.97	.....	6.80	.....	15.21	.....	4.43	.....	4.75	.....	1.99	.....	4.92	.....	6.23	.....	2.30	.....	6.36	.....	69.59	.....
ravette	2.61	−0.22	0.35	−1.72	4.03	+0.60	1.74	−2.10	14.98	−0.91	2.85	−2.60	2.25	−2.58	6.88	+3.29	3.73	+0.06	4.50	+1.51	1.41	−1.09	3.31	+1.17	38.64	+ 4.59
ardy	.....	.....	.....	.....	.....	.....	1.42	−3.16	6.55	+1.60	.....	.....	1.91	−2.21	2.30	−2.21	2.49	−1.64	5.20	+2.57	0.30	−3.00	3.70	+0.12	.....	.....
elena	9.31	+3 91	2.07	−2.83	3.19	−2.85	10.56	+5.14	8.25	+3.81	4.16	+0.19	5.59	+1.75	5.58	+1.75	2.96	−0.56	3.48	+1.12	2.58	−1.87	6.82	+1.74	64.55	+11.30
igden	8.23	.....	0.47	.....	6.80	.....	5.85	.....	1.08	.....	5.55	.....	2.54	.....	8.55	.....	4.58	.....	.....	.....	.....	.....	5.55	.....	.....	.....
lope	8.31	+3.21	2.12	−2.00	5.70	+0.54	4.06	+1.23	8.36	+3.00	1.34	−3.06	7.12	+2.53	2.72	−0.73	2.82	−0.20	3.36	+0.12	2.93	−1.65	7.27	+2 82	56.17	+ 3.35
ot Springs	7.18	+2.08	1.30	−2.57	4.83	−0.25	4.46	−1.63	11.16	+5.15	2.96	−1.78	3.24	−1.30	3.18	−0.65	3.53	−0.05	3.15	+0.43	0.99	−3.52	7.85	+3.55	53 74	− 0.54
uttig	8.06	+3.82	1.59	−2.89	5.79	+0.57	6.14	+1.55	7.17	+1.39	8.00	+3.84	7.82	+3.71	6.96	+2.69	2.84	−0.32	5.45	+3.25	4.30	+1.50	8.90	+3.77	73.02	+22.83
oneseboro	6.92	+1.74	1.75	−2.53	4.14	−0.30	4.75	+0.66	9.34	+5.44	2.60	−1.08	5.62	+2.49	2.56	−1.23	2.37	−1.21	5.13	+2.13	1.67	−1.52	6.30	+1.69	53.15	+ 6.28
unction	5.83	+1.98	2.24	1.24	5.86	+0.66	9.35	+4.74	5.72	+1.09	2.23	−1.70	7.18	+3.06	.....	.....	3.70	+1.41	2.80	+0.17	2.32	−1.11	6.58	+2.60	.....	.....
ittle Rock	9.19	+4.40	1.16	−3.18	4.80	−0.14	6.59	+2.08	8.18	+3.08	4.27	+0.18	3.06	−0.93	3.35	−0.32	2.88	−0.38	3.23	+0.68	0.88	−3.71	6.99	+2.75	54.56	+ 4.51
utherville	5.95	+2.21	0.69	−2.66	6.15	+2.42	5.04	+0.90	8.07	+2.78	3.16	−1.53	3.92	+0.34	3.60	−0.85	3.18	−0.46	5.19	+1.63	0.76	−2.61	3.40	−0.22	49.09	+ 1.95
agnolia	5.98	.....	2.05	.....	6.40	.....	5.73	.....	6.08	.....	2.85	.....	5.82	.....	3.36	.....	2.33	.....	1.66	.....	5.62	.....	6.32	.....	54.20	.....
alvern	9.21	+3.56	1.70	−1.98	6.54	+1.73	7.78	+2.83	8.00	+3.22	3.53	−0.21	3.87	+0.45	5.72	+2.26	6.69	+3.61	3.62	+1.31	3.37	−1.26	9.19	+4.63	69.52	+20.15
ammoth Spring	4.25	+0.66	0 65	−2.76	5.31	+2.27	2.13	−3.33	8.30	+4.14	3.08	−1.38	3.24	−0.79	6.24	+1.79	2.65	−1.83	4.35	+1.66	0.59	−2.51	3.75	+0.87	44.51	− 1.21
arianna	7.60	.....	2.30	.....	5.48	.....	5.70	.....	6.95	.....	6.21	.....	3.50	.....	3.11	.....	1.94	.....	5.40	.....	1.83	.....	7.59	.....	57.65	.....
arked Tree	10.90	+6.07	1.94	−2.07	4.24	+0.27	7.81	+2.42	8.15	+3.73	1.79	−1 33	4.35	+1.38	1.85	−2.11	3.46	+1.09	5.47	+0.93	1.84	−2.59	7.00	+2.67	58.78	+10.16
arshall	5.36	.....	1.14	.....	7.44	.....	3.94	.....	15.32	.....	3.45	.....	4.24	.....	4.75	.....	3.38	.....	3.13	.....	0.51	.....	5.73	.....	58.43	.....
lena	7.00	+3.20	2.22	−1.18	7.34	+2.28	5.04	+0.42	8.91	+2.04	3.79	−1.07	2.03	−2.39	3.66	−1.11	2.58	−1.02	5.13	+1.88	1.49	−1.88	5.67	+1.54	54.86	+ 1.87
orrillton	5.40	.....	0.50	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ountain Home	4.83	.....	0.53	.....	6.37	.....	3.26	.....	7.96	.....	1.37	.....	4.99	.....	7.87	.....	3.99	.....	5.19	.....	0.21	.....	4.70	.....	51.27	.....
ount Ida	7.52	+2.99	1.50	−3.17	8.57	+4.00	5.76	+0.19	9.96	+3.75	4.84	+0.42	3.81	−0.01	2.04	−1.29	6.35	+3.07	7.25	+4.03	1.82	−2.27	7.26	+2.95	66.67	+14.66
urfreesboro	8.26	.....	1.45	.....	3.20	.....	6.78	.....	11.39	.....	3.14	.....	1.40	.....	2.64	.....	5.26	.....	4.14	.....	1.10	.....	7.00	.....	55.78	.....
ail	3.26	−0.72	0.37	−2.61	6.93	+1.59	5.94	+0.75	5.06	−1.48	2.15	−2.91	.....	.....	3.84	+0.33	6.98	+2.31	4.80	+1.09	1.15	−2.16	4.52	+0.93	.....	.....
ewport	7.28	+2.33	1.12	−2.82	5.66	+1.28	6.21	+1.45	10.06	+6.05	4.26	+0.64	4.39	+1.30	4.25	+0.75	2.56	−1.33	5.35	+2.95	1.46	−3.04	7.18	+3.36	59.78	+12.92
kay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.94	.....	.....	.....
sceola	8.57	+3.77	1.70	−2.43	2.26	−3.16	7.96	+4.06	5.30	+0.71	3.15	−0.34	3.33	−0.18	4.50	+1.54	3.15	+0.43	3.80	+1.57	2.10	−2.72	7.25	+3.15	53.05	+ 6.40
zark	5.92	+3.45	0.81	−1.88	4.15	−0.40	6.07	+1.9	4.07	− 2.10	1.45	−2.94	4.28	+0.52	.....	.....	6.37	+3.40	3.68	+0.72	0.60	−2.35	2.29	−1.02	.....	.....
atterson	9.72	.....	0.62	.....	3.49	.....	6.77	.....	10.16	.....	5.48	.....	7.25	.....	2.50	.....	4.37	.....	4.79	.....	1.87	.....	6.89	.....	63.91	.....
ine Bluff	5.82	+0.50	1.76	−2.51	3.57	−1.56	6.83	+1.63	4.91	+0.16	1.97	−1.82	3.78	−0.08	3.46	+0.26	3.47	−0.06	2.99	+0.64	2.28	−1.97	7.80	+2.63	48.64	− 2.18
ocahontas	5.97	+1.54	0.95	−2.61	5.95	+1.37	4.15	+0.43	10.85	+6.15	2.45	−1.27	5.40	+0.70	2.35	−2.00	6.35	+2.78	3.20	+0.53	1.25	−1.98	5.60	+2.07	54.47	+ 6.85
ortland	8.19	+3.56	2.74	−1.85	6.39	+1.00	9.09	+4.39	13.91	+7.98	5.70	+1.81	5.77	+1.00	3.78	−0.02	1.10	−1.90	3.14	+0.71	3.52	+0.02	8.39	+2.62	71.72	+19.32
rescott	8.30	+3.90	1.66	−1.85	4.78	+0.36	5.21	+0.12	8.51	+3.30	1.79	−1.83	4.74	+1.50	4.34	+1.01	2.83	−0.16	2.95	+0 75	2.63	−0.92	7.49	+3.26	55.23	+ 9.44
rinceton	3.38	−1.42	1.61	−2.40	2.79	−1.41	7.09	+0.91	4.30	−1.19	3.34	−0.91	7.40	+3.32	8.89	−0.63	4.25	+0.97	2.57	+0.17	2.80	−1.33	8.00	+2.35	51.45	− 0.31
ison	6.20	+0.34	1.47	−1.49	5.52	+0.95	6.33	+2.62	5.35	+1.69	3.92	−0.16	4.00	+0.48	6.70	+3.76	2.42	−1.49	4.14	+1.61	2.84	−0.57	7.33	+3.57	56.22	+11.31
ogers	2.54	−0.14	1.20	−0.80	5.69	+2.19	1.95	−2.29	5.63	+0.35	2.43	−2.30	1.04	−3.36	4.42	+1.01	4.55	+0.93	4.11	+1.41	0.35	−2.31	2.64	+0.48	36.53	− 4.83
earcy	7.73	.....	1.09	.....	5.35	.....	3.73	.....	9.36	.....	5.30	.....	1.14	.....	5.43	.....	3.21	.....	2.58	.....	2.14	.....	6.64	.....	53.70	.....
springbank	6.68	+3.27	1.68	−1.90	4.29	+0.11	4.37	−2.07	8.67	+4.75	2.48	−1.23	7.29	+4.29	3.12	−0.75	1.96	−1.34	4.71	+2.84	4.93	+1.85	6.24	+1.31	56.42	+11.13
tuttgart	6.40	+1.27	1.71	−2.40	4.81	−0.62	6.22	+1.41	6.84	+2.03	3.58	−0.49	2.23	−2.13	4.48	+0.89	2.42	−1.08	5.19	+2.43	2.13	−1.94	6.68	+1.79	52.69	+ 1.16
ubiaco	6.02	+2.74	0.86	−2.09	6.12	+2.28	4.33	+0.28	4.46	−1.61	2.64	−1.38	6.04	+2.56	1.73	−2.28	5.63	+2.33	4.27	+1.18	0.99	−1.92	3.08	+0.07	46.17	+ 2.16
exarkana	8.39	+5.30	1.47	−1.49	4.71	+0.77	6.35	+1.61	9.55	+5.36	3.23	−0.32	7.20	+4.05	4.60	+1.51	2.45	−0.34	8.18	+5.98	1.75	−1.27	6.68	+3.13	64.56	+24.47
mphers	6.78	.....	2.51	.....	7.46	.....	4.73	.....	7.19	.....	6.91	.....	5.03	.....	2.74	.....	4.79	.....	5.15	.....	0.52	.....	4.56	.....	58.37	.....
aldron	6.87	.....	1.21	.....	7.81	.....	5.95	.....	4.98	.....	2.09	.....	2.47	.....	3.74	.....	2.70	.....	5.67	.....	1.02	.....	4.49	.....	49.00	.....
arren	5.31	+0.55	1.92	−2.64	4.69	−0.83	6.59	+1.32	4.70	+0.01	5.05	+1.00	3.92	+0.25	6.38	+2.52	1.13	−3.47	4.36	+1.21	5.62	+1.81	7.93	+2.35	57.60	+ 4.08
hitecliffs	7.00	+4.03	0.40	−3.09	4.00	+0.14	6.88	+1.17	9.40	+3.71	1.88	−1.64	3.80	+1.86	2.85	−0.57	1.80	−0.48	5.55	+3.29	2.80	+0.18	6.00	+1.58	52.36	+10.18
ynne	7.57	+2.16	1.42	−2.26	2.47	−1.59	6.64	+1.27	9.01	+5.31	4.24	+1.10	5.75	+2.27	1.56	−2.86	4.79	+1.29	6.70	+3.39	0.99	−1.82	6.48	+1.70	57.6	+ 9.96

In the above table the departures from the normal precipitation are based on records from stations that have ten or more years of observations.

Monthly and Annual Mean Temperatures for the Year 1920, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Amity	39.7[e]	− 3.6	46.0[a]	+ 3.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.2	+ 1.5	48.8	− 3.5	43.2	− 3.1	.....	.....
Batesville	35.6	− 3.1	41.0	+ 1.1	47.4	− 5.6	56.7	− 2.7	68.6	+ 0.2	72.8	− 3.1	78.4	− 1.4	75.0	− 4.6	72.8	+ 0.4	62.0	+ 0.5	44.8	− 5.6	40.7	− 0.6	58.0	− 2
Bee Branch	38.6	− 2.7	44.9	+ 3.5	54.0	+ 1.9	60.5	− 0.4	71.6	+ 3.2	75.0	− 1.3	81.3	+ 1.4	76.5	− 2.7	74.4	+ 0.2	63.8	+ 1.6	47.1	− 4.5	41.1	− 1.3	60.7	− 0
Bentonville	34.8	+ 0.7	39.6	+ 1.1	47.2	− 0.1	54.4	− 2.5	67.4	+ 1.0	71.6	− 2.5	76.6	− 1.9	73 5	− 3.0	70.6	+ 1.7	61.3	+ 3.3	43.1	− 3.6	39.2	+ 1.7	56.6	− 0
Bergman	36.4	− 0.1	41.8	+ 6.0	50.9	+ 3.1	.....	.....	66.8	+ 1.6	71.4	− 1.1	77.8	+1.9	74.7[e]	− 0.7	70.7	+ 0.8	64.4	+ 5.3	.....	.....	.....	.....	.....	.....
Booneville	39.7	.....	47.5	.....	53.6	.....	60.4	.....	71.9	.....	75 6	.....	80.8	.....	78.3	.....	77.2	.....	65.8	.....	49.6	.....	45.0	.....	62.1	.....
Brinkley	40.0	− 2.2	45.7	+ 3.4	53.2	+ 0.2	60.3	− 1.4	71.3	+ 1.5	75.0	− 2.5	79.6	− 0.6	76.8	+ 3.6	76.0	+ 1.9	65.1	+ 3.1	48.2	− 3.4	44.1	+ 0.8	61.3	− 0
Calico Rock	35.2	.....	41.2	.....	47.6	.....	57.0	.....	68.8	.....	74.3	.....	80.2	.....	75.8	.....	73.6	.....	62.7	.....	45.2	.....	40.5	.....	58.5	.....
Camden	42.0	− 3.1	48.0	+ 1.4	52.2	+ 4.6	60.2	− 3.4	72.4	+ 1.2	75.4	− 2.7	80.5	− 0.5	77.6	− 2.7	75.9	+ 0.8	63.7	+ 0.1	47.3	− 6.1	44.2	+ 1.2	61.6	− 0
Centerpoint	.....	.....	.....	.....	.....	.....	61.8[a]	− 1.2	72.1	+ 0.8	76.2	− 2.6	80.6	− 1.3	76.6	− 5.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conway	39.8	− 0.8	46.2	+ 3.7	52.8	+ 0.2	60.2	− 1.8	71.2[a]	+ 1.7	74.8	− 2.3	80.4[a]	− 0.3	77.5	− 2.3	75.2	+ 1.4	65.2	+ 4.0	48.6	− 2.0	43.3	+ 1.1	61.3[b]	+ 0
Corning	.....	.....	.....	.....	52.0[b]	+ 1.8	58.4	− 1.0	69.4	+ 1.0	74.3	− 1.3	79.3	+ 0.5	75.2	− 2.9	73.5	+ 1.4	63.4	+ 4.3	47.0	− 3.8	42.7	+ 1.7	.....	.....
Dardanelle	38.5	− 1.4	44.4	+ 1.6	50.6	− 0.5	60.8	− 0.1	71.1	+ 0.6	75.0	− 2.1	81.9[a]	− 1.0	76.6	− 2.9	74.8[a]	+ 0.5	62.7	+ 0.2	.....	.....	40.0[m]	− 0.3	.....	.....
Dodd City	34.8	− 1.3	40.8	+ 2.5	46.2[a]	− 2.9	55.4	− 4.4	66.6	− 0.7	71.4	− 4.2	76.2	− 3.1	72.4	− 5.4	70.2	− 1.5	62.2[e]	− 3.0	.....	.....	39.6[b]	+ 0.7	.....	.....
Dumas	43.0	− 0.3	48.2	+ 3.3	54.7	− 2.3	61.4	+ 0.1	73.3	+ 1.9	76.8	− 1.2	80.9	− 0.3	78 3	− 2.5	77.0	+ 2.4	65.6	+ 0.4	49.7	− 3.7	45.6	0.0	62.9	− 0
Dutton	35.4	− 1.2	40.2	+ 3.4	44.8[b]	− 2.9	54.2	− 1.9	66.0	+ 1.7	69.2	− 2.2	75.4	+ 0.3	72.2	− 2.7	69.0	+ 0.6	58.5[a]	− 0.3	41.7[a]	− 6.3	37.6	+ 0.2	55.4[d]	− 0
El Dorado	44.2[c]	− 2.2	50.4[b]	+ 4.3	55.2[e]	+ 0.7	63.0	− 0.5	73.8	+ 2.9	77.3	− 1.6	80.9	− 0.4	78.0	− 2.9	76.3	− 0.3	65.6	+ 1.0	50.0	− 5.1	46.0[d]	+ 0.6	63.4	− 0
England	38.4[m]	− 6.4	.....	.....	.....	.....	62.6[i]	0.0	72.8	+ 3.0	76.4	− 1.4	81.0	− 0.5	78.2	− 1.8	75.4	− 1.5	65.6	+ 3.1	46.6	− 7.2	44.0	+ 1.7	.....	.....
Eureka Springs	37.2	− 1.1	41.4	+ 2.4	49.5	− 0.9	56.3	− 2.2	67.9	+ 1.0	72.8	− 0.9	78.4	+ 0.6	74.4	− 3.3	72.3	+ 0.4	63.0	+ 3.2	45.6	− 5.3	41.2	+ 2.6	58.3	− 0
Fayetteville	36.6	− 2.7	41.6	+ 4.6	49.2	0.0	56.8	− 1.9	68.0	+ 1.4	72.5	− 1.6	78.2[c]	+ 0.5	74.4	− 2.8	72.5	+ 0.2	61.6	+ 1.1	45.8	− 4.0	42.3[a]	+ 2.9	58.3	− 0
Fort Smith	38.8	+ 0.5	44.2	+ 2.4	52.0	+ 0.7	58.8	− 2.9	72.2	+ 2.5	76.1	− 0.7	81.4	+ 0.4	78.4	− 1.0	75.8	+ 3.1	64.8	+ 3.1	46.9	− 3.0	43.0	+ 1.3	61.0	+ 0
Gillett	.....	.....	.....	.....	.....	.....	63.4[f]	.....	74.3[j]	.....	76.4[k]	.....	.....	.....	81.2[j]	.....	76.4	.....	64.8	.....	48.6	.....	44.0	.....	.....	.....
Grannis	41.2	.....	45.3	.....	50.8	.....	58.5	.....	69.2	.....	72.5	.....	77.8	.....	76.0	.....	73.2	.....	63.0	.....	47.2	.....	42.3	.....	59.8	.....
Gravette	34.8	− 2.4	40.6	+ 3.9	47.0[d]	− 2.4	54.7[a]	− 2.1	67.4	+ 1.8	71.6	− 1.8	78.1	− 1.1	73.0	− 4.2	69.8[b]	− 1.1	60.6[b]	+ 1.2	44.8[e]	− 4.6	38.8	+ 1.6	56.6	− 0
Hardy	.....	.....	.....	.....	50.4[c]	+ 0.8	58.2[a]	− 0.8	69.0	+ 1.7	72.9[b]	− 2.2	79.6	+ 0.5	75.2	− 3.2	72.6	+ 0.1	63.6	+ 2.8	46.8	− 3.9	40.9	+ 1.9	.....	.....
Hope	42.6	− 2.5	50.3[k]	+ 3.1	57.0[d]	+ 1.8	64.1	+ 0.4	73.4[a]	+ 2.2	78.0	+ 0.4	82.3[a]	+ 2.0	78.6[d]	− 0.9	78.0	+ 3.9	65.8	+ 2.9	49.9	− 3.5	47.0	+ 0.4	63.9	+ 0
Hot Springs	43.6	+ 0.4	49.8	+ 3.7	54.6	+ 1.4	62.7	− 0.3	73.9	+ 3.3	77.0	− 0 1	82.6	+ 1.5	79.6	+ 0.1	76.2	+ 1.2	64.6	+ 0.9	49.2[c]	− 3.4	43.2	+ 1.2	63.1	+ 0
Huttig	45.6	− 3.2	51.9[a]	+ 2.4	54.7[a]	− 2.4	65.2[d]	− 0.1	75.6[f]	+ 4.0	79.0[a]	− 0 1	82.7[e]	+ 0.9	80.1[a]	− 0.7	81.0	+ 4.5	69.2	+ 0.6	57.4	+ 2.3	51.8	+ 5.7	66.2	+ 0
Jonesboro	40.2	− 3.8	43.6	+ 3.2	52.0	− 0.4	61.2[a]	0.0	70.3	+ 0.3	76.2	− 1.1	80.3	0.0	78.7	− 1.0	76.0	+ 1.8	65.4	+ 2.8	49.6	− 1.9	43.9	+ 3.5	61.4	+ 0
Junction	45.8	− 0.2	50.6	+ 4.7	57.6	+ 0.8	63.2	− 0.3	75.6	+ 4.0	78.0	− 0.6	80.9	− 0.3	.....	.....	76.8	+ 1.3	65.2	+ 1.3	50.4	− 3.6	46.2	+ 0.7	.....	.....
Little Rock	40.8	+ 0.2	46.2	+ 2.1	53.0	+ 0.3	60.2	− 0.5	70.9	+ 0.5	75.4	− 1.8	80.4	− 0.2	77.4	− 1.8	75.2	+ 2.1	65.4	+ 2.5	48.4	− 3.1	44.6	+ 1.1	61.5	+ 0
Lutherville	38.8	− 1.7	44.7	+ 4.2	50.6	− 1.2	58.4	− 0.9	69.8	+ 2.1	74 0	− 1.2	79.8	+ 0.6	76.7	− 1.9	75.5	+ 2.0	64.4	+ 3.2	47.9[e]	− 3.3	42.6	+ 2.0	60.3	+ 0
Magnolia	44.1[e]	.....	50.2[e]	.....	55.4[c]	.....	61.2[g]	.....	73.6[c]	.....	76.6[a]	.....	80.5[i]	.....	79.1[f]	.....	77.0[b]	.....	66.0	.....	51.2	.....	47.0	.....	63.5	.....
Malvern	41.0	− 2.1	46.6	+ 2.6	51.8	− 1.8	61.1	− 0.3	75.4	+ 6.0	73.8	− 3.6	80.2	− 0.8	76.8	− 2.8	74.8	− 0.4	63.8[a]	+ 1.1	51.3	− 1.2	.....	.....	.....	.....
Mammoth Spring	36.4	− 0.8	42.0	+ 4.3	48.0	− 1.8	57.1	− 1.0	67.6	+ 1.9	72.9	− 1.0	77.4	− 0.4	74.0	− 3.1	71.7	0.0	61.2	+ 3.1	46.2	− 2.3	42.0	+ 4.0	58.0	+ 0
Marianna	37.8[g]	− 2.5	42.9	+ 0.4	50.8[a]	− 3.2	60.2	− 1.3	71.8	+ 1.0	74.8	− 4.0	77.0	− 4.1	76.7	− 4.0	75.0	+ 2.0	64.7	+ 1.2	48.4	− 3.3	44.3[a]	+ 2.1	60.4	− 0
Marked Tree	37.8	.....	40.6	.....	50.5	.....	59.4	.....	71.3	.....	76.6	.....	81.8	.....	77.2	.....	76.2	.....	64.0	.....	47.6	.....	43.4	.....	60.5	.....
Marshall	38.7	.....	43.6	.....	49.8	....	58.6	.....	68.8	.....	74.8	.....	78.8	.....	76.0	.....	74.2[e]	.....	64.8	.....	48.0	.....	42.9	.....	59.9	.....
Mena	40.3	− 1.5	45.4	+ 2.2	51.3	− 1.0	58.8	− 3.1	69.8	+ 0,5	73.1	− 2.8	78.8	− 1.4	75.9	− 3.3	74.2	+ 0.4	63.4	+ 1.0	47.4	− 5.1	43.0	+ 0.4	60.1	−
Morrillton	39.3	.....	43.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Home	35.9	.....	42.0	.....	49.2	.....	58.6	.....	67.6	....	72.0	.....	78.2	.....	78.9	.....	72.0	.....	62.2	.....	45.4	.....	41.7	.....	58.2	.....
Mount Ida	40.4	.....	46.4	.....	51.2	.....	59.6	.....	70.6	.....	73.1	.....	79.5[e]	.....	75.8	.....	73.6	.....	62.4	.....	48.0	.....	43.2	....	60.3	.....
Nail	.....	.....	39.1	+ 3 3	43.0	− 5.9	50.9[b]	− 5.6	64.0	− 0.5	70.4	− 3.4	....	.....	72.3	− 4.3	70.1	0.0	60.2	+ 1.2	43.5	− 4.8	37.6	+ 0.4	.....	.....
Newport	37.4	− 1.8	43.4	+ 3.0	53.5	+ 2.1	60.6	− 1.1	69.7	+ 0.4	74.1	− 3.5	79.8	− 1.3	77.6	− 2.0	75.0	+ 1.3	64.6	+ 3.7	47.9	− 2.8	43.0	+ 1.7	60.6	.....
Okay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39.4	.....	.....	.....
Osceola	42.2	+ 2.8	45.4	+ 3.4	55.2	+ 4.4	57.8	− 3.6	70.7	+ 0.3	76.4	− 0.7	80.2	+ 0.1	77.7	− 0.7	75.6	+ 3.6	64.1	+ 3.6	49.8	+ 0.4	44.2	+ 1.0	61.6	+
Ozark	38.0	− 3.1	44.0	+ 2.8	49.9[m]	− 4.0	59.9	− 2.6	71.0	+ 0.9	76.7	− 1 2	80.2[e]	− 1.3	.....	.....	77.2[b]	+ 0.7	64.6	+ 1.1	45.8[g]	− 6.8	41.0[e]	− 1.2	.....	.....
Pine Bluff	39.7	− 3.7	46.0	+ 1.2	53.4	− 0.7	62.4	− 0.6	73.8	+ 2.5	76.9	− 1.9	82.0	0.0	79.2	− 2.0	77.6	+ 1.9	67.4	+ 4.3	49.0	− 4.0	46.0	+ 1.3	62.8	−
Pocahontas	38.4[d]	− 0.2	43.3	+ 5.3	50.2	− 0.8	58.8	− 1.1	69.6	+ 0.5	74.4	− 1.6	79.4	− 0.5	77.0	− 2.1	75.1	+ 2.2	65.4	+ 4.6	48.0	− 1.9	42.4	+ 3.0	60.2	+
Portland	45.4	− 2.0	49.9	+ 2.9	56.2	− 0.5	63.3	− 0.3	74.2	+ 3.3	77.6	− 1.0	81.2	− 0.2	79.6	− 1.2	79.4	+ 3.3	65.8	+ 2.4	50.4	− 3.5	46.4	.....	64.1	.....
Prescott	42.7	− 2 3	49.8	+ 4.7	55.5	+ 0.1	62.6	− 0.2	73.1	+ 2.2	76.9	− 1.6	81.4	− 0.4	78.6	− 2.5	77.0	+ 1.1	65.8	+ 1.8	50.6	− 3.3	46.4	+ 2.6	63.4	+
Rison	41.8	− 1.7	46.6	+ 3.4	54.3	− 0.1	61.5[a]	− 1.2	73.5	+ 2.8	77.2	− 0.2	81.0[b]	+ 0.7	77.4	− 2.8	77.4[a]	+ 2.2	66.4	+ 3.6	47.8	− 5.0	44.2	− 0.3	62.4	+
Rogers	35.8	− 1.0	41.2	+ 3.6	49.2	+ 0.7	56.6	− 1.6	67.8	+ 1.7	71.1	− 2.1	77.0	+ 0.2	73.2	− 4.1	70.6	− 0.6	60.4	+ 1.0	44.7	− 4.7	40.2	+ 1.8	57.3	−
Searcy	39.8	.....	46.0	.....	52.0	.....	60.2	.....	70.6	.....	73.8	.....	79.2	.....	76 8	.....	74.8	.....	64.0[a]	.....	51.5[j]	.....	42.8	.....	61.0	.....
Stuttgart	41.1	− 1.9	46.3	+ 2.7	53.3	+ 0.2	60.6	− 1.7	72.1	+ 2.3	75.1	− 2.3	80.0	− 0.7	79.6	− 0.2	76.0	+ 1.9	67.6	+ 5.5	48.5	− 3.4	44.6	+ 0.8	62.1	+
Subiaco	39.7	− 2.0	46.5	+ 5.3	53.0	+ 0.1	59.6	− 1.3	71 6	+ 1.8	75.9	− 1.2	81.1	+ 0.2	78.5	− 2.6	76.0	+ 0.9	64.8	+ 1.4	48.8	− 3.6	43.8[b]	+ 2.1	61.6	+
Texarkana	43.6	− 3.0	51.4	+ 4.4	56.8	+ 0.8	63.2[a]	− 0.7	74.4	+ 2 9	78.3	− 0.7	82.4	+ 0.1	79.4	− 2.6	78.8	+ 2.0	66.4	+ 0.9	51.8	− 3.5	48.8	+ 2.2	64.6	+
Umphers	36.6[a]	.....	42.7[a]	.....	48.0[a]	.....	57.6	.. ..	68.7	.....	70.6	.....	76.4	.....	75.3	.....	74.0[a]	.....	63.7	.....	48.2	.....	43.3	.....	58.8	.....
Warren	43.8	− 1.0	49.2	+ 4.4	55.4	+ 0.1	62.5	− 0.3	73.0	+ 2.0	76.2	− 2.3	80.6	− 1.2	77.7	− 3.5	76.9	+ 0.5	65.9	+ 2.1	49.8	− 3.9	46.3	+ 2.0	63.1	−
Wynne	36.6	− 3.4	44.4	+ 0.4	53.4	+ 2.6	60.6	+ 0.2	72.0	+ 2.9	76.9	− 0.5	80.8	+ 0.6	77.8	− 1.7	75 8	+ 2.7	64.7	+ 3.3	45.0[a]	− 6.9	42.6	+ 2.3	60.9	+

In the above table the departures from the normal temperatures are based on records from stations that have 10 years or more of observations.
Reference letters [a] [b] [c] appearing in the table indicate number days missing: [b] reprsents two days missing, etc.

Correction: Mena, mean temperature December, 1920, should be 43.0. Departure from normal should be +0.4. Number of rainy days should be 10.

T.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

OL. XXVI. LITTLE ROCK., JANUARY, 1921. No. 1.

GENERAL SUMMARY.

The mild conditions which characterized December continued roughout January, the mean temperature for the month be- 3.7° higher than that of December. This was the fifth con- utive month during which the mean temperature for this tion has been above normal and only twice during the past years has a higher January mean been recorded. The abso- e maximum, 85° at Centerpoint, Howard County, has not n exceeded in January's recorded, the previous maximum ng 82°.

There were short cold spells during the month, 6° occurring Benton County, but moderate temperatures and very little nfall were the rule. In the northwestern half of the State the w and sleet storm of the 13th did some damage to timber, de dirt roads impassable, and interfered with outdoor work a few days, but the month, as a whole, was unusually favor- e for all outdoor activities. By the end of the month a consid- ble amount of truck had been planted in the central and thern counties and preparations for planting were being de except in the extreme north. Wheat, oats, meadows, and tures were in good to excellent condition.

W. C. H.

TEMPERATURE.

The monthly mean temperature for the section, 46.9°, was ° above normal. The highest monthly mean, 57.1°, occurred Iuttig, Union County; the lowest, 40.5°, at Dutton, Madison nty. The highest temperature recorded was 85°, at Center- t, Howard County, on the 29th; the lowest, 6° at Gravette, ton County, on the 14th. All stations showed positive de- tures, the greatest being in Benton and Union counties.

PRECIPITATION.

The precipitation for the month of January averaged 2.07 nes which is 50% of the normal. All stations except Texar- a and Springbank showed negative departures. The greatest nthly total was 3.87 inches measured at Arkansas City; the t, 0.50 inch at Bald Knob and Newport. The greatest a- nt recorded in 24 consecutive hours was 2.00 inches at Ri- on the 13th. Considerably more than the usual amount of v fell during the month but it was confined almost entirely ne northwestern half of the State. The average was 3.6 inch- nd varied from 8.0 inches in Marion County to a trace in sett, Cross, and Arkansas counties.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.14	30.57	17	29.64	29	5,244	26	s.	19	78	.....	32
Fort Smith...	30.17	30.59	18	29.68	29	6,630	32	sw.	7	76	62	40
Little Rock..	30.18	30.66	18	29.75	1	6,753	37	s.	7	80	64	38

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 24th, 5; 25th, 3; 29th, 1; 30th, 1.
Dense Fog:— 20th, 1.
Solar Halos:— 28th, 1.
Lunar Halos:— 16th, 2; 19th, 1; 22d, 1; 28th, 1.
Light Hail:— Mena, 10th.
Sleet:— 10th, 1; 11th, 1; 12th, 7; 13th, 12; 26th, 1; 29th, 1.

COMPARATIVE DATA FOR ARKANSAS---- JANUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	41.6	+4.6	71	13	5.34	+1.37	10	6	15	10
1892.....	34.7	−5.4	81	−12	2.48	−2.20	18	5	8	6
1893.....	38.5	−1.6	80	−13	1.13	−3.55	17	8	6	2
1894.....	43.5	+3.4	77	−22	3.63	−1.05	13	8	10	7
1895.....	36.9	−3.2	78	− 5	5.19	+0.51	9	6	16	8
1896.....	41.4	+3.3	78	4	4.09	0.00	10	6	15	8
1897.....	38.9	+0.7	76	− 2	6.78	+2.72	13	5	13	8
1898.....	45.5	+6.0	81	10	7.93	+3.81	10	8	13	9
1899.....	39.3	+0.5	75	− 9	5.91	+1.48	12	6	13	7
1900.....	43.4	+4.6	78	1	2.69	−2.40	13	7	11	7
1901.....	45.6	+6.5	78	7	2.21	−2.20	16	7	8	5
1902.....	38.0	−2.6	79	2	4.13	−0.17	11	6	14	8
1903.....	40.2	−0.4	80	7	2.60	−1.56	13	8	10	6
1904.....	38.9	−1.4	75	− 5	3.81	−0.76	15	8	8	6
1905.....	33.3	−6.6	73	13	4.58	+0.27	12	8	11	6
1906.....	43.1	+2.9	82	− 2	5.19	+1.07	14	5	12	6
1907	49.2	+9.7	82	− 8	5.80	+1.38	8	7	16	11
1908.....	41.7	+1.7	78	6	3.75	−0.32	14	7	10	7
1909.....	43.8	+3.7	82	−19	1.79	−2.15	4	7	20	6
1910.....	41.8	+2.1	78	− 7	2.59	−1.77	16	6	9	6
1911.....	47.6	+7.1	86	− 9	1.02	−3.11	8	10	13	6
1912.....	34.3	−5.9	79	−16	3.01	−0.98	13	10	8	6
1913.....	44.0	+3.6	78	− 1	8.45	+4.34	12	7	12	10
1914.....	46.6	+6.4	82	7	1.57	−2.20	13	9	9	4
1915.....	39.3	−1.2	74	− 3	4.38	+0.21	10	6	15	8
1916.....	44.3	+3.0	82	− 6	9.39	+5.44	8	4	19	12
1917.....	44.0	+2.3	82	− 4	3.66	−0.42	11	5	15	7
1918.....	27.3	−13.6	80	−23	4.39	+0.44	13	4	14	8
1919.....	41.4	+0.1	75	− 3	3.00	−1.23	16	5	10	6
1920.....	39.6	−1.7	82	11	6.49	+2.09	12	4	15	8
1921.....	46.9	+5.7	85	6	2.07	−2.08	11	6	14	6

Climatological Data for January, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observer.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	45.7	+ 2.4	74	8	20	10†	39	2.19	−2.47	0.90	1.5	4	14	2	15	w.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	2.12	−1.82	1.32	0	4	12	0	19	n.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	3.87	−0.75	1.11	0	11	9	5	17	n.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	0.50	.....	0.20	2.0	3	7	15	9	s.	Allen Moody.
Batesville	Independence	277	22	42.4	+ 3.7	69	7	19	15†	46	1.65	−2.73	0.80	4.0	7	11	0	20	s.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	44 8	+ 3.5	69	7	16	15	34	1.65	−2.77	0.45	4.5	7	5	7	19	s.	J. E. Scanlan.
Bentonville	Benton	1303	15	42.3	+ 8.2	69	7	18	15	33	1.45	−1.15	0.51	5.5	11	5	6	20	s.	U. S. Weather Bureau
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	1.48	−3.04	0.20	2.8	12	11	2	18	s.	S. J. Howe.
Booneville	Logan	259	7	48.1	.....	73	7†	26	13	32	1.80	.....	1.02	3.4	8	12	4	15	se.	Supt. Tuberculosis
Brinkley	Monroe	226	39	48.1	+ 5.9	75	4	24	10†	38	1.86	−3.07	0.76	0	7	12	4	15	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	42.6	.....	72	7	20	16	41	1.26	−2.48	0.35	4.0	10	13	2	16	n.	J. M. Richardson.
Camden	Ouachita	158	35	48.8	+ 3.7	76	4†	24	10†	47	1.49	−3.27	0.56	0	8	8	6	17	sw.	A. B. Quarterman.
Centerpoint	Howard	470	24	50.2	+ 4.7	85	29	25	27	40	1.30	−2.66	0 75	3.0	3	10	7	14	se.	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	1.62	−2.86	0.60	0	10	5	9	17	n.	J. W. Bishop.
Conway	Faulkner	309	37	47.2	+ 6.6	73	7†	23	10	38	1.71	−2.58	0.96	1.5	5	11	7	13	e.	E. E. Cordrey.
Corning	Clay	293	21	44.5	+ 7.4	67	7†	21	14†	34	1.70	−2.18	0.31	3.0	11	10	8	13	ne.	Rev. N. E. Skinner
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	1.87	.....	1.06	6.0	7	11	1	19	nw.	J. R. Avera.
Dardanelle	Yell	330	35	44.4[d]	+ 4.5	70[e]	22	24[e]	10	37[e]	1.90	−1.41	0.60	3.0	4	15	5	11	.....	F. E. Wieser
Dodd City	Marion	1175	39	42.7	+ 6.6	71	7	12	15	39	2.46	−0.54	0.68	8.0	6	5	15	11	nw.	Neal Dodd.
Dumas	Desha	162	14	50.5	+ 7.2	78	4	26	10	40	3.39	−1.61	1.78	0	9	6	15	10	.....	Ben. Johnson.
Dutton	Madison	1590	19	40.5	+ 3.9	65	7†	10	15	40	2.81	−1.48	1.25	6.0	8	10	7	14	s.	J. M. Ricketts.
El Dorado	Union	265	17	53.2[f]	+ 6.8	77[f]	4	28[f]	16	35[f]	2.51	−0.96	1.52	0	3	15	4	12	w.	Mrs. Virgil N. Wal
England	Lonoke	229	14	47.2	+ 2.4	75	21	26	15	42	2.11	−1.97	0.67	0	9	12	4	15	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	44.1	+ 5.8	63	21	19	15	32	1.68	−1.74	0.45	4.0	6	11	15	5	nw.	George W. Nicholas
Fayetteville	Washington	1451	35	45.0[e]	+ 7.7	67[e]	6	18[e]	15	36[e]	0.92	−2.04	0.60	6.0	2	.....	.....	.....	ne.	University of Arka
Fort Smith	Sebastian	481	39	45.6	+ 7.3	72	7	25	14	30	1.39	−1.12	0.71	4.3	9	8	5	18	e.	U. S. Weather Bu
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	2.98	−1.12	1.33	0	4	8	6	17	e.	T. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	0.72	.....	0.30	1.0	4	8	6	17	e.	Cleve Bell.
Gillett	Arkansas	.....	3	49.6	.....	75	23	25	10	39	2.06	.....	1.40	0	8	12	11	8	s.	H. E. F. Beverburg
Grannis	Polk	921	3	46.0	.....	73	7	18	27	41	3.02	.....	1.48	5.5	5	13	5	13	se.	Dr. F. C. Mullins.
Gravette	Benton	1250	23	42.4	+ 5.2	67	29	6	14	45	1.66	−1.17	0.45	7.0	8	9	5	17	sw.	A. F. Stevens.
Hardy	Sharp	643	24	44.6	+ 6.0	74	30	20	9	40	0.76	−3.52	0.40	4.0	3	11	6	14	n.	Mrs. D. S. Madde
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	2.07	−3.33	0.70	0	12	13	2	16	n.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	1.43	.....	0.63	6.0	4	8	3	21	n.	Arthur Cross.
Hope	Hempstead	377	49	50.0	+ 5.9	76	7	25	27	38	3.39	−1.71	.....	0	.....	16	6	9	.....	N. P. O'Neal.
Hot Springs	Garland	600	28	48.6[e]	+ 5.4	70[e]	8	29[b]	13	28[e]	1.61	−3.49	1.24	0.5	2	16[b]	6[b]	7[b]	s.	A. & N. Gen. Hosp
Huttig	Union	.....	14	57.1	+ 8.3	80	6	37	10†	33	3.13	−1.11	1.01	0	5	23	2	6	.....	C. A Berry.
Jonesboro	Craighead	345	26	45.6	+ 4.6	71	22	23	15	34	2.04	−3 14	0.79	2.5	9	14	5	12	s.	Benedictine Sister
Junction‡‡	Union	182	26	51.8	+ 5.8	77	24	24	10	39	2.11	−1.74	1.08	0	4	16	5	10	n.	L. A. Lowderback
Little Rock	Pulaski	286	42	47.2	+ 6.6	71	7	29	13	29	1.52	−3.27	1.09	0.2	6	6	11	14	s.	U. S. Weather Bur
Lutherville ‡‡	Johnson	775	24	46.3	+ 5.8	77	16	24	15	36	1.05	−2.69	0.38	4.0	3	9	8	14	e.	H. Kauffeld.
Magnolia	Columbia	315	3	50.8[b]	.....	76[b]	7	27[b]	10	38[b]	3.18	.....	.....	0	.....	9[b]	13[b]	7[b]	s.	State Agriculture S
Malvern	Hot Spring	277	38	50.4[d]	+ 7.3	70	23	33[g]	13	25[g]	2.39	−3.26	1.10	0	5	6	4	21	se.	Mrs. Kate L. Smit
Mammoth Spring	Fulton	512	16	44.1	+ 6.9	70	7	16	15	38	0.94	−2.65	0.32	3.0	4	9	7	15	sw.	W. S. Vincent.
Marianna	Lee	235	12	47.4	+ 7.1	73	21	26	10	37	2.12	.....	1.23	0	5	15	9	9	n.	W. K. Trousdale.
Marked Tree	Poinsett	229	16	45.5	.....	78	23	25	15	45	2.38	−2.45	0.63	T	10	10	14	7	nw.	Charles Walton.
Marshall	Searcy	1083	6	46.2	.....	70	7	21	15	32	1.80	.....	0.62	6.5	7	6	16	9	sw.	W. F. Reeves.
Mena	Polk	1284	33	46.8	+ 5.0	70	7	24	10†	34	2.64	−1.16	1.45	2.8	7	11	9	11	w.	E. W. St. John.
Mountain Home	Baxter	800	7	43.0	.....	72	7	13	15	36	1.69	.....	0.39	2.5	6	13	1	17	w.	B. S. Halbert.
Mount Ida	Montgomery	730	23	47.0	.....	73	23	18	10	45	2.39	−2.13	0.92	3.0	5	11	7	13	sw.	G. A. Whittington
Murfreesboro	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	2.34	.....	0.88	0	3	9	0	22	e.	Henry A. Davis.
Nail	Newton	2233	28	41.1	+ 3.5	62	7†	20	27	31	2.64	−1.44	0 63	6.0	7	10	2	19	..	Charles Paxton.
Newport	Jackson	231	37	46.3	+ 7.1	70	22	24	15	34	0.50	−4.15	0.16	2.0	5	10	5	16	nw.	George L. Robinso
Okay	Mississippi	240	21	44.6	.....	67	7	18	13	31	1 46	.....	0.59	4.0	4	13	4	14	n.	U. S. Forest Servi
Osceola	Pope	1700	6	44.6	+ 5.2	68	1†	25	10	30	2 20	−2.60	0.55	0.5	6	11[b]	3[b]	15[b]	s.	Atwood P. Smith.
Ozark	Franklin	377	25	47.0[d]	+ 5.9	71[d]	10†	22[d]	15	46[e]	2.24	−0.23	1.34	4.0	3	4[d]	9[d]	14[d]	e.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	3 48	.....	1.09	0	5	11	0	20	s.	W. E. Baker.
Pine Bluff	Jefferson	215	37	48.6	+ 5.2	79	22	28	10	33	2 37	−2.95	1.09	0	7	9	3	19	s.	Roy F. Hammond
Pocahontas	Randolph	300	29	45.0	+ 6.4	68	7†	19	15	36	1 40	−3.03	0.40	3.0	10	8	10	13	n.	Benedictine Sister
Portland	Ashley	122	15	52.0	+ 4.6	81	19	29	10†	44	3.62	−1.01	1.41	0	7	16	5	10	sw.	W. E. Edmiston.
Prescott	Nevada	327	39	50.2	+ 5.9	76	7	20	10	37	3.29	−1.11	1.45	T.	9	13	5	13	s.	S. T. White, Jr.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	3.12	−1.08	1.50	0	5	16	0	15	sw.	Foote Coleman.
Rison	Cleveland	243	17	48.8	+ 5.3	76	23	26	10	38	3.07	−2.79	2 00	0	3	14	0	17	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	43.2	+ 6.4	69	21	12	15	38	1.34	−3.34	0.75	6.0	4	5	8	18	sw.	Carl A. Starck.
Searcy	White	236	8	45.9	.....	70	22	23	15	38	1.30	.....	0.65	1.4	7	8	5	18	nw	Miss Sarah Cypert
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	3 68	+0.27	1.35	0	6	15	0	16	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	48.4	+ 5.4	71	7†	26	19	33	1.72	−3.41	0.95	T.	5	11	11	9	s.	H. A. Buerkle.
Subiaco	Logan	1050	24	47.4[b]	+ 5.7	73	7	26[d]	10	33[d]	1.70	−1.58	0.75	3.0	7	7	13	11	n.	New Subiaco Abbe
Texarkana	Miller	332	39	53.3	+ 6.7	84	7	27	27	41	3.30	+0.21	1.38	0	6	16	6	9	e.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	47.3[a]	.....	70[a]	7†	26[a]	13†	30[a]	2.96	.....	1.23	4.5	5	13[a]	3[a]	14[a]	s.	U. S. Forest Servi
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	1.13	.....	0.34	2.8	5	11	4	16	se.	Dr. Cheves. Bevil
Warren	Bradley	206	26	51.1	+ 3.5	74	4†	27	10	37	2.98	−1.78	1.41	0	7	11	11	9	se.	J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	2.50	−0.47	1.20	0	2	11	2	18	sw.	Miss Eulela M.S
Wynne	Cross	250	13	44.9[b]	+ 4.9	73[a]	8	25[b]	15	42	0.95	−4.46	0.50	T.	3	15	1	15	n.	J. M. Larkan.
State Means and Extremes				46.9	+ 5.7	85	29	6	14	47	2.07	−2.08	2.00	3.6	6	11	6	14	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],[d],[e],[f],[g] in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for January, 1921.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	....	....	....	....	....	....	....	....	....	.09	.48	.90	....	....	....	....	....	....	....	....	....	....	....	.72	....	....	....	....	....	....	2.19
Arkadelphia ‡	do	....	....	....	....	....	....	....	....	....	....	.05	.60	1.32	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.12
Arkansas City ‖	Mississippi	.26	.15	....	....	....	....	....	.80	.10	....	T.	.20	1.11	1.06	.02	....	....	T.	....	....	....	....	....	.10	.03	....	....	.04	....	....	3.87
Bald Knob	White	.15	....	....	....	....	....	....	.15	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.50
Batesville ‖	do	....	T.	....	....	....	....	T.	....	....	....	.10	.80	.10	.40	....	....	....	....	....	....	....	....	.06	T.	.17	T.	....	....	....	.02	....	1.65
Bee Branch	Arkansas	.10	....	....	....	....	....	....	....	....	....	.30	.20	.45	....	....	....	....	....	....	....	....	....	....	.30	.20	....	....	....	.10	....	....	1.65
Bentonville ***	do	....	....	....	....	....	....	T.	....	....	.06	.01	....	.51	T.	....	....	....	....	....	T	.06	.11	.36	.28	.01	....	....	.05	.02	.01	T.	1.48
Bergman	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Black Rock ‖	do	T.	.03	....	....	....	....	....	.06	....	....	.18	.16	.15	.10	....	....	....	....	....	....	....	....	.11	.15	.20	.10	....	....	.18	.06	....	1.48
Booneville	Arkansas	....	....	....	....	....	....	....	T.	.04	.03	.32	.19	1.02	T.	....	....	....	....	....	....	....	T.	....	.04	.11	....	....	....	.05	....	....	1.80
Brinkley ‖	White	....	....	....	....	....	....	....	.08	....	....	.12	.21	.76	.54	....	....	....	....	....	....	....	....	....	....	.06	.09	....	....	....	....	....	1.86
Calico Rock ‖	do	....	.10	....	....	....	....	....	.01	....	.06	.12	.22	.20	....	....	....	....	....	....	....	....	....	.05	.04	.35	....	....	....	.11	....	....	1.26
Camden ‖	Ouachita	....	....	....	....	....	....	....	.31	....	....	.03	.18	.56	.19	....	....	....	....	....	....	....	....	....	....	.17	.03	....	....	.02	....	....	1.49
Centerpoint	Little River	....	....	....	....	....	....	....	....	....	....	.75	....	.40	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	T.	....	....	1.30
Clarendon ‖	White	....	.03	....	....	....	....	....	.30	....	....	.04	.15	.60	.25	....	....	....	.02	....	....	....	....	....	....	.08	.05	....	....	.10	....	....	1.62
Conway	Arkansas	....	....	....	....	....	....	....	....	....	....	.29	.26	.96	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	.06	....	....	1.71
Corning	White	.12	....	....	....	....	....	....	.07	....	....	.27	.07	.34	....	....	....	....	....	....	....	....	....	.13	.10	.25	.06	....	....	.12	.17	....	1.70
Danville ‖	Arkansas	....	....	....	....	....	....	....	....	....	....	.06	.38	1.06	.04	....	....	....	....	....	....	....	....	....	....	.21	.08	....	....	.04	....	T.	1.87
Dardanelle	do	....	....	....	....	....	....	....	....	....	....	.60	....	.50	....	.40	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	1.90
Dodd City	White	....	....	....	....	....	....	....	....	....	....	.48	....	.30	....	....	.50	....	....	....	....	....	....	.28	....	.68	....	....	....	.22	....	....	2.46
Dumas	Arkansas	.25	....	....	....	....	....	T.	.50	.02	....	.15	.38	1.73	.10	....	....	....	T.	....	....	....	....	....	....	.15	....	....	....	.06	T.	....	3.39
Dutton	White	....	....	....	....	....	....	....	.07	....	.50	T.	1.25	....	....	....	....	....	....	....	T.	....	.06	.14	.60	.12	....	....	T.	.07	....	....	2.81
El Dorado ‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.74	1.52	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	2.51
England ‖	Arkansas	....	....	.06	....	....	....	.20	....	....	.05	.30	.67	.60	....	....	....	....	....	.04	....	....	....	....	.08	....	....	....	.11	....	....	....	2.11
Eureka Springs	White	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	....	.19	.25	.37	....	....	....	....	.22	.20	....	1.68
Fayetteville	do	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	T.	T.	.32	....	....	....	....	....	....	....	0.92
Fort Smith ***	Arkansas	....	....	....	....	....	....	T.	T.	....	.01	.27	.15	.56	....	....	....	....	....	....	.01	....	.02	.33	.03	....	....	....	.01	....	....	....	1.39
Fulton ‖	Red	....	....	....	....	....	....	....	T.	T.	....	.10	1.13	1.33	....	....	....	....	....	....	....	....	....	....	....	.42	....	....	....	T.	....	....	2.98
Georgetown ‖	White	.12	....	....	....	....	....	....	....	....	....	.10	.20	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.72
Gillett	Arkansas	.13	....	....	....	....	....	....	.10	....	....	.05	.22	1.40	.03	....	....	....	....	....	....	....	....	....	.08	....	....	.05	....	....	....	....	2.06
Grannis	Red	....	....	....	....	....	....	T.	....	....	....	.83	.34	1.48	....	....	....	....	....	....	T	....	....	....	.35	.02	....	....	....	....	....	....	3.02
Gravette	White	....	....	....	....	....	....	....	....	....	....	T.	.14	.30	T.	T	T.	T.	T.	.16	T.	....	.10	.45	.38	....	....	....	....	.07	.06	....	1.66
Hardy	do	....	....	....	....	....	....	....	....	....	....	.10	....	.40	....	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	....	....	....	0.76
Helena ‖	Mississippi	.16	.06	....	....	....	....	....	.22	....	....	.28	.10	.20	.70	.04	....	....	T.	....	....	....	....	....	....	.04	.16	.01	..	.10	....	....	2.07
Higden	White	.12	....	....	....	....	....	....	....	....	....	.30	.18	.63	....	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	1.43
Hope	Red	T.	....	....	....	....	....	....	....	....	*	....	....	3.00	....	....	....	....	....	....	T.	....	....	....	....	.35	....	....	....	.04	....	....	3.39
Hot Springs	Ouachita	....	....	....	....	....	....	....	....	....	....	.37	T.	1.24	....	....	....	....	....	....	....	....	....	....	T	....	....	....	....	....	....	....	1.61
Huttig	do	....	.50	....	....	....	....	....	1.00	.23	....	....	.39	1.01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.13
Jonesboro	White	.24	....	....	....	....	....	.79	....	....	....	.09	.10	.51	....	....	....	....	....	....	....	....	....	.05	....	.08	.05	....	....	.13	....	....	2.04
Junction	Ouachita	.47	....	....	....	....	....	....	.30	....	....	1.08	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	....	....	2.11
Little Rock ***	Arkansas	T.	....	....	....	....	....	.01	....	....	T.	.38	.12	.97	....	....	....	....	.01	....	T.	T.	....	....	T.	.03	....	....	....	T.	....	....	1.52
Lachierville	do	....	....	....	....	....	....	....	....	....	....	.38	....	.23	....	....	....	....	....	....	....	....	....	.14	....	.30	....	....	....	....	....	....	1.05
Magnolia	Red	....	....	....	....	....	....	....	.60	....	....	.26	....	2.00	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	....	....	....	....	3.18
Malvern ‖	Ouachita	....	....	....	....	....	....	T	....	....	....	.10	.63	1.10	.29	....	....	....	....	....	....	....	....	....	....	.27	....	....	....	....	....	....	2.39
Mammoth Spring	White	T.	....	....	....	....	....	....	....	....	....	.10	....	.32	....	....	....	....	....	....	....	....	....	....	.29	.23	....	....	....	....	....	....	0.94
Marianna ‖	Mississippi	....	....	....	....	....	....	.53	....	....	.10	....	T.	.13	....	....	....	....	....	....	....	....	....	....	1.23	....	....	....	....	....	.13	....	2.12
Marked Tree ‖	St. Francis	....	.02	.41	....	....	....	....	....	.42	....	.11	.07	....	.63	.42	....	....	....	....	....	....	....	T.	T.	.05	....	T.	....	.18	.07	....	2.38
Marshall	White	....	....	....	....	....	....	....	....	.12	....	.18	.11	.62	....	....	....	....	....	....	T.	....	T.	.17	.22	.38	....	....	....	T.	T.	....	1.80
Mena	Ouachita	....	....	....	....	....	....	....	....	....	.03	.42	.21	1.45	....	....	....	....	....	....	T.	T.	....	....	.42	.06	....	....	.05	....	....	....	2.64
Mountain Home	White	....	....	....	....	....	....	....	....	....	....	.21	....	.15	....	....	....	....	....	....	....	T.	....	.35	.39	.38	....	....	....	.21	....	....	1.69
Mount Ida	Ouachita	....	....	....	....	....	....	....	....	....	....	.38	.27	.92	.45	....	....	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	2.39
Murfreesboro ‖	do	....	....	....	....	....	....	....	....	....	....	.88	.67	.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.34
Nail	White	....	....	....	....	....	....	....	....	T.	....	.40	....	.63	.35	.25	....	....	....	....	....	....	T	.25	.30	.46	T.	....	....	....	....	....	....	2.64
Newport ‡	do	....	....	....	....	....	....	....	.16	....	....	.11	.10	.07	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.50
Okay	Arkansas	....	....	....	....	....	....	....	....	T	.02	.39	....	.40	....	....	....	....	....	....	....	....	....	....	*	.59	....	....	....	....	....	....	1.40
Osceola	Mississippi	.20	....	....	....	....	.40	....	....	.18	T.	.55	.50	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	.37	T.	....	....	2.20
Ozark	do	....	....	....	....	....	....	....	....	....	1.34	....	.40	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	2.24
Patterson ‖	Cache	....	.25	....	....	....	....	....	....	....	....	.23	....	1.00	1.00	....	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	....	....	3.48
Pine Bluff ‖	Arkansas	....	....	....	....	....	....	....	.19	....	....	....	.34	1.09	.61	....	....	....	....	....	....	....	....	....	....	.03	.04	....	....	.07	....	....	2.37
Pocahontas	White	.20	....	....	....	....	....	....	.05	....	....	.20	.10	.40	....	....	....	....	....	....	....	....	....	.10	.05	.10	.10	....	....	.10	....	....	1.40
Portland ‡	Ouachita	.27	....	....	....	....	....	....	.98	.25	....	.20	.37	1.41	....	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	....	....	3.62
Prescott	do	....	....	....	....	....	....	....	.05	.02	....	.10	.95	1.45	.18	....	....	....	....	....	....	....	.04	....	T.	.45	....	....	....	.05	....	....	3.29
Princeton ‖	Ouachita	....	....	....	....	....	....	....	.10	....	....	T.	.80	1.50	.25	....	....	....	....	....	....	....	....	....	....	.47	....	....	....	....	....	....	3.12
Rison ‡	do	....	....	....	....	....	....	....	....	....	....	....	.52	2.00	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	.55	....	....	3.07
Rogers	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	....	T.	....	....	.11	.34	....	....	....	....	.14	....	....	1.34
Searcy	White	.02	....	....	....	....	....	....	.65	....	....	.05	.10	.34	....	....	....	....	....	....	....	....	....	....	....	.12	....	....	....	.02	....	....	1.30
Springbank ‖	Red	....	....	....	....	....	....	....	.27	.10	....	.14	1.35	1.32	....	....	....	....	....	....	....	T.	....	....	....	.50	....	....	....	T.	....	....	3.68
Stuttgart	Arkansas	....	....	....	....	....	....	....	.16	....	....	.11	.21	.95	..	....	....	....	....	....	....	....	....	....	....	.29	....	....	....	....	....	....	1.72
Subiaco	do	....	....	....	....	....	....	....	....	.02	....	.35	.15	.75	....	....	....	....	....	....	....	....	T.	....	.10	.27	....	....	....	.06	....	....	1.70
Texarkana ‖	Red	....	....	....	....	....	.67	....	....	.05	1.38	1.30	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	.05	....	....	....	....	3.30
Umphers	Arkansas	....	....	....	....	....	....	T	....	....	....	.53	T.	1.23	....	....	....	....	....	....	....	....	....	....	.20	.80	....	....	....	.20	....	....	2.96
Waldron	do	....	....	....	....	....	....	....	....	.05	....	.34	....	.20	....	....	....	....	....	....	T.	....	....	....	.26	.24	....	....	....	.04	....	....	1.13
Warren	Ouachita	.12	....	....	....	....	....	....	.80	....	....	.08	.47	1.41	T.	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	.02	....	....	2.98
Whitecliffs	Red	....	....	....	....	....	....	....	....	....	....	T	1.10	1.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.50
Wynne	St. Francis	....	....	....	....	....	....	....	.40	....	....	.05	T.	.50	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	T.	T.	....	0.95

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for January, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.3	6.2	6.1	5.8	5.7	5.6	5.6	5.5	6.0	5.5	5.4	5.3	5.3	5.2	5.3	5.2	5 3	6.3	6.3	6.2	6.0	5.6	5.2	5.6	7.5	11.4	14.0	13.9	12.7	11.7	10. 3
Dardanelle	do	20	5.2	4.7	4.4	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.5	4.0	4.3	4.6	4.4	4.1	3.8	3.8	3.9	5.2	11.7	11.5	10. 5	10.0
Little Rock	do	23	6.0	5.4	4.9	4.2	3.8	3.5	3.1	3.0	2.8	2.6	2.4	2.3	2.3	2.5	2.9	3.0	3.3	3.8	3.9	3.9	4.0	4.3	4.2	3.9	3.4	3.2	3.5	3.6	10. 0	12. 3	12. 0
Pine Bluff	do	25	9.6	8.4	7.6	7.0	6.7	6.5	6.3	6.1	5.7	5.4	5.3	5.2	5.3	5.3	5.4	5.6	5.8	5.7	5.7	6.0	6.2	6.3	6.4	6.4	6.4	6.3	6.0	6.0	6.8	13. 7	16. 2
Black Rock	Black	14	7.0	6.7	7.0	6.7	6.5	6.1	6.0	5.9	5.6	5.2	4.8	4.5	4.3	4.1	4.1	4.0	4.0	4.0	3.8	3.8	3.8	3.8	3.6	3.6	3.5	3.5	3.5	3.5	4.8	5.0	5.3
Calico Rock	White	18	3.3	3.0	2.7	2.5	2.3	2.1	2.1	1.9	2.0	2.0	1.6	1.4	1.3	1.5	1.4	1.3	1.6	1.4	1.3	1.4	1.4	1.4	1.4	1.6	2.0	3.2	3.7	3.4	3.7	3.8	3.9
Batesville	do	23	9.4	9.3	9.1	8.6	8.3	8.1	7.8	7.5	7.6	7.7	7.5	7.1	6.9	7.0	7.1	7.0	7.0	7.2	7.0	6.9	7.0	7.0	7.0	7.0	7.4	7.6	9.2	9.4	9.4	9.6	9.6
Newport	do	26	11.9	10.4	8.6	7.9	7.5	7.4	7.3	7.2	6.9	6.4	6.4	6.6	6.5	6.3	6.0	5.6	5.1	4.8	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.8	4.1	4.5
Georgetown	do	22	16.0	15.2	14.8	14.2	13.8	13.0	12.6	11.0	10.4	9.7	9.0	8.6	8.4	8.0	7.6	7.0	6.8	6.6	6.2	6.2	6.2	6.0	5.9	5.8	5.5	5.5	5.5	5.5	6.2	6.8	7.1
Clarendon	do	30	24.4	24.5	24.5	24.4	24.3	24.0	23.7	23.3	22.9	22.3	21.7	21.0	20.4	19.9	19.5	19.0	18.5	18.1	17.6	17.2	16.9	16.6	16.3	16.0	15.6	15.3	15.0	14.8	14.6	14.8	15.0
Helena	Mississippi	42	19.3	18.9	18.5	18.1	18.0	17.9	17.8	17.7	17.4	16.9	16.3	15.6	14.8	14.3	13.9	14.0	14.7	15.7	16.9	18.1	19.0	19.6	19.9	20.1	20.2	20.0	19.6	19.0	18.4	17.9	17.5
Arkansas City	do	42	25.9	25.5	25.1	24.7	24.3	24.0	23.7	23.4	23.4	23.2	23.0	22.4	21.4	20.9	20.2	19.6	19.4	19.5	20.3	20.7	22.2	23.2	23.9	24.3	24.5	24.6	24.6	24.3	23.6	23.2	23.1
Camden	Ouachita	49	30.8	29.3	28.0	24.8	21.0	19.5	18.0	15.9	14.1	12.8	11.8	11.1	12.1	15.0	20.7	23.8	25.0	25.9	26.0	25.0	23.2	20.3	17.9	16.0	14.8	13.8	12.0	12.9	11.9	10.1	10.9
Danville	Arkansas	20	5.2	4.9	4.7	4.4	4.2	4.1	4.0	3.8	3.6	3.5	3.5	3.7	3.9	4.3	5.1	6.2	6.0	5.2	4.0	3.6	3.4	3.3	3.2	3.4	4.1	4.7	4.7	4.6	4.4	4.2	4.1
Fulton	Red	28	15.2	13.1	15.1	12.4	12.9	11.4	11.1	10.9	10.5	10.3	10.1	10.3	11.2	13.8	17.2	19.0	19.3	19.2	19.0	18.5	17.7	16.7	15.4	14.4	13.5	13.0	12.8	12.7	12.7	12.3	12.0
Arkadephia	Ouachita	18	4.0	3.6	3.3	2.9	2 5	2.2	2.0	1.8	1.8	1.6	1.5	1.5	2.4	5.5	5.8	5.8	5.5	4.9	4.7	4.4	3.8	3.3	3.1	3.0	2.6	2.4	2.2	2.1	1.6	1.5	1.2
Patterson	Cache	9	8.2	8.2	8.2	8.2	8.3	8.4	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.3	8.2	8.0	7.8	7.6	7.4	7.3	7.0	6.9	6.7	6.5	6.4	6.4	6.4	6.4

Daily Temperatures for January, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	70	64	60	65	67	65	63	74	53	53	54	46	37	34	44	56	70	45	47	68	59	67	71	71	57	65	41	50	58	69	44	57.6
	Minimum	55	25	25	26	30	30	32	41	36	20	20	36	30	30	23	23	34	35	30	31	50	45	44	45	51	38	26	28	28	44	35	33.8
Batesville §§	Maximum	65	58	58	65	62	63	69	55	51	52	45	38	34	41	49	65	40	38	62	58	63	69	56	53	52	35	47	52	62	47	39	53.0
	Minimum	50	24	25	24	30	25	27	39	34	20	39	34	26	26	19	19	27	30	30	33	41	44	42	47	43	34	22	22	34	42	36	31.9
Bee Branch	Maximum	61	58	61	63	62	64	69	66	49	50	46	42	33	39	48	61	56	38	60	58	62	68	65	56	61	55	47	59	61	60	40	55.4
	Minimum	49	26	28	35	42	30	48	36	32	22	36	30	23	27	16	30	27	28	32	41	45	43	50	44	43	29	24	27	43	38	32	34.1
Bentonville	Maximum	51	56	59	61	61	64	69	48	48	48	39	31	31	36	50	53	33	45	60	65	66	58	56	54	52	34	47	56	66	47	32	50.8
	Minimum	35	30	33	39	32	40	36	28	28	25	31	25	23	24	18	30	25	33	40	50	54	52	48	46	33	25	25	34	47	30	29	33.8
Booneville	Maximum	67	61	67	62	62	69	73	56	49	53	46	37	34	40	58	63	58	44	64	64	73	69	69	64	53	43	47	55	72	67	38	57.3
	Minimum	42	32	36	50	41	44	46	38	33	29	36	32	26	27	30	38	33	33	35	54	57	54	52	48	43	32	27	36	53	35	33	38.9
Brinkley	Maximum	67	58	67	75	65	67	70	69	54	55	50	48	41	46	49	70	58	45	65	58	65	74	67	64	61	52	49	52	60	62	50	59.1
	Minimum	60	29	29	44	39	30	52	41	36	24	39	34	28	31	24	36	30	30	30	43	46	40	51	45	45	31	29	28	46	44	36	37.1
Calico Rock §§	Maximum	64	60	64	67	61	65	72	51	50	53	45	33	32	39	48	61	38	38	63	62	69	67	55	49	53	33	48	56	65	44	37	53.0
	Minimum	52	27	27	29	31	31	36	35	33	21	21	31	25	25	21	20	26	27	30	26	51	47	49	47	42	33	24	24	32	43	34	32.3
Camden	Maximum	69	59	68	76	66	72	76	49	52	55	46	39	39	48	59	76	51	55	68	69	65	75	74	70	70	44	51	63	67	51	47	60.3
	Minimum	57	27	29	30	39	34	43	45	38	24	24	38	32	32	28	29	40	39	34	38	51	46	46	46	51	38	30	30	31	48	38	37.3
Conway	Maximum	65	60	65	68	65	68	73	66	51	55	46	44	36	42	55	68	56	41	64	60	60	69	73	59	63	48	48	34	29	29	48	42	37	56.8
	Minimum	43	26	27	43	39	32	56	41	34	23	39	34	28	29	26	31	32	32	29	44	49	44	46	48	48	34	29	29	48	42	37	53.8
Corning	Maximum	66	58	63	65	58	61	67	67	52	53	48	44	32	39	40	61	54	35	62	60	65	66	63	53	45	41	45	51	56	57	42	53.8
	Minimum	52	30	29	44	31	29	54	37	36	23	37	29	26	21	21	39	26	28	31	43	51	41	47	43	40	30	25	30	44	42	35	35.3
Dardanelle	Maximum	....	50	....	63	55	60	69	63	....	53	48	40	36	38	42	....	50	40	41	60	65	70	61	60	51	43	41	50	64	64	....	53.0
	Minimum	49	28	29	37	35	33	....	40	38	24	40	35	28	29	27	30	30	34	30	....	....	45	51	48	43	34	30	35	46	38	35	35.8
Dodd City	Maximum	61	58	60	64	59	66	71	64	48	51	47	40	33	36	47	58	41	36	62	61	70	67	57	66	52	35	45	55	66	60	35	53.9
	Minimum	40	34	42	29	26	34	55	25	25	21	33	24	22	25	12	29	31	25	30	37	48	41	45	42	33	25	18	27	42	32	23	31.5
Dumas	Maximum	68	60	67	78	66	68	72	67	50	56	48	45	39	49	55	78	58	46	65	67	68	75	75	73	72	58	49	53	64	62	48	61.3
	Minimum	56	32	33	47	41	33	56	44	30	26	40	34	32	34	30	38	36	36	34	47	48	44	45	49	55	35	31	27	48	45	40	39.8
Dutton	Maximum	59	53	59	61	60	61	65	55	43	47	41	35	30	36	45	57	45	39	58	59	63	57	60	57	54	35	30	46	50	65	57	51.2
	Minimum	33	20	23	21	25	25	50	24	23	11	32	26	24	23	10	29	20	32	32	38	51	46	51	46	32	25	23	29	45	29	27	29.8
El Dorado	Maximum	69	60	68	77	68	73	76	70	48	56	50	44	40	....	....	....	....	62	68	69	67	74	75	76	72	65	57	64	66	....	....	64.1
	Minimum	52	29	33	51	42	38	57	55	34	25	42	34	32	....	....	....	....	40	40	51	51	48	46	50	56	38	29	31	50	....	....	42.2
England §§	Maximum	63	69	74	66	67	73	60	51	56	49	42	37	46	55	65	50	47	65	63	59	75	74	67	65	56	46	55	67	68	57	44	58.2
	Minimum	54	30	32	33	39	33	25	44	38	26	31	37	31	32	26	32	34	35	31	38	47	39	40	48	49	40	39	31	31	41	39	36.1
Eureka Springs	Maximum	62	59	62	63	61	67	66	53	51	51	43	36	31	38	51	60	46	43	63	67	68	61	57	52	51	34	54	59	68	57	32	53.7
	Minimum	35	33	38	46	32	43	42	28	27	28	34	22	22	24	19	43	23	31	36	50	55	51	50	42	31	25	23	34	46	30	28	34.5
Fayetteville	Maximum	....	....	60	....	64	67	65	60	56	47	....	....	36	37	47	56	54	48	50	64	66	63	60	65	55	36	48	58	66	65	38	55.0
	Minimum	....	....	32	....	31	31	51	45	26	22	....	....	23	23	18	43	40	25	30	37	54	53	49	51	34	25	24	36	48	29	27	34.9
Fort Smith	Maximum	66	57	65	58	60	69	72	50	52	50	43	38	34	40	48	60	42	44	66	67	70	63	65	57	51	38	46	48	71	50	38	54.1
	Minimum	40	30	35	39	37	40	43	36	33	29	33	30	28	25	25	33	34	35	36	50	56	52	55	48	38	31	30	35	46	35	34	37.1
Gillett	Maximum	66	60	66	74	63	67	71	66	49	55	49	45	37	47	52	71	55	46	63	65	67	74	75	73	69	58	54	68	63	60	46	60.5
	Minimum	51	33	33	37	40	33	55	44	33	25	40	35	32	34	29	36	34	34	31	45	47	42	46	49	54	34	28	29	47	43	40	38.6
Grannis	Maximum	65	52	62	66	62	62	73	55	52	49	42	41	34	42	56	68	55	49	66	64	68	69	70	62	60	39	48	58	72	61	42	56.9
	Minimum	37	23	24	29	35	34	55	42	25	21	39	31	30	26	22	27	38	39	36	50	53	52	46	48	38	29	18	28	51	33	33	35.2
Gravette	Maximum	62	52	60	60	60	64	64	48	49	48	44	36	35	51	52	53	43	46	61	66	66	63	57	57	55	35	47	56	67	59	43	53.5
	Minimum	23	24	24	30	24	32	42	24	19	21	35	22	15	6	31	40	23	32	38	51	55	53	52	45	33	26	24	28	48	31	28	31.3
Hardy	Maximum	69	58	64	66	59	62	70	70	54	55	50	47	34	43	48	48	47	48	53	63	72	68	65	54	47	44	46	58	62	74	40	56.1
	Minimum	49	24	21	34	29	25	61	34	20	21	38	28	24	28	32	28	26	25	31	44	52	38	49	41	40	28	21	26	28	39	32	33.0
Hope	Maximum	69	61	68	71	74	69	76	68	53	54	55	47	42	41	46	73	60	51	69	65	68	75	73	68	60	55	50	63	70	63	46	61.4
	Minimum	52	29	30	34	38	40	45	43	38	36	31	32	31	30	36	39	39	33	48	52	46	46	50	50	35	25	32	51	41	35	38.7
Hot Springs	Maximum	68	62	60	....	55	61	69	70	....	47	54	43	35	39	....	59	58	42	40	....	....	69	68	67	65	53	52	56	64	64	40	56.2
	Minimum	60	46	32	46	41	42	56	46	37	28	41	35	29	30	34	36	34	34	37	....	....	40	49	50	52	50	46	35	52	39	36	41.1
Jonesboro	Maximum	69	59	64	65	58	63	67	66	50	53	47	45	33	40	43	62	51	36	63	59	57	71	63	52	52	45	47	49	58	59	45	54.5
	Minimum	50	34	30	43	40	32	54	40	38	26	39	31	26	30	23	34	28	29	33	41	50	41	46	46	42	31	26	29	45	42	37	36.6
Junction	Maximum	64	61	65	76	68	72	74	62	59	57	64	62	67	66	70	74	64	60	64	67	72	74	75	77	67	64	52	64	49	50	37	64.9
	Minimum	34	29	32	38	45	40	53	48	34	24	36	42	33	27	32	37	34	42	43	44	50	48	50	44	40	33	29	31	42	29	31	38.8
Little Rock	Maximum	68	56	63	65	63	65	71	53	49	52	47	40	34	41	53	67	47	39	63	58	57	69	70	60	61	40	43	56	63	57	43	55.3
	Minimum	45	36	37	44	46	41	53	43	36	31	41	31	29	31	32	39	31	34	32	34	47	52	45	51	47	39	32	29	32	49	39	37.8
Lutherville	Maximum	62	56	60	61	60	64	69	69	52	49	47	43	34	39	52	77	54	39	59	60	63	64	68	64	55	47	44	46	70	61	38	55.7
	Minimum	45	28	34	40	44	47	46	33	33	29	37	30	26	26	24	37	29	31	34	47	52	49	54	46	45	30	28	30	45	30	36	36.9
Magnolia	Maximum	....	62	67	75	73	72	76	74	50	53	51	....	44	47	60	75	71	55	68	67	67	73	72	70	69	65	50	62	69	67	46	63.8
	Minimum	....	29	32	52	48	46	57	45	38	27	42	....	32	31	30	37	42	41	41	52	52	51	41	52	57	38	28	34	53	45	38	41.8
Mammoth Spring	Maximum	64	58	62	65	57	62	70	69	51	49	52	42	32	38	42	58	44	31	62	62	69	66	63	52	46	46	46	52	61	61	40	54.0
	Minimum	49	53	25	28	26	24	48	33	36	19	42	27	24	27	16	26	26	32	34	42	52	40	50	42	41	29	22	28	44	40	34	34.2
Marianna	Maximum	65	59	64	70	70	64	65	70	62	54	49	45	37	44	47	68	60	43	71	72	73	63	68	61	51	45	51	60	59	47	46	58.2
	Minimum	52	30	32	46	41	31	33	33	32	26	38	34	30	33	27	3.	30	31	48	41	44	52	46	46	30	29	30	46	45	37	34	36.7
Marked Tree §§	Maximum	70	61	69	70	65	54	68	55	53	55	51	42	38	41	52	69	44	40	65	61	62	78	60	59	51	39	48	54	62	53	45	56.4
	Minimum	51	30	30	32	36	31	33	42	38	26	27	35	28	28	25	26	29	29	31	3.	42	38	51	47	45	32	29	29	32	46	38	34.6
Marshall	Maximum	57	61	61	67	62	62	70	65	53	49	46	41	34	38	50	61	52	40	61	57	64	66	62	56	55	45	47	50	68	60	38	54.8
	Minimum	47	34	40	48	38	44	56	33	32	28	36	28	25	28	21	42	26	29	36	49	52	54	50	45	43	28	25	35	46	36	32	37.6
Mena	Maximum	55	60	65	66	62	62	70	64	48	49	42	40	35	39	52	65	52	49	64	58	67	67	69	63	59	41	54	69	57	39	49	55.8
	Minimum	45	27	31	43	39	38	54	39	31	24	38	32	28	24	26	41	35	36	34	52	54	54	48	49	41	30	35	52	32	30	32	37.9
Mountain Home	Maximum	62	60	52	65	58	66	72	60	53	53	45	42	31	38	47	60	46	37	64	62	70	71	63	46	51	38	45	55	65	60	36	54.0
	Minimum	43	24	27	33	30	31	55	30	30	26	36	26	23	24	13	29	23	27	36	41	48	44	44	46	35	27	19	27	43	35	31	31.9
Mount Ida	Maximum	49	62	66	72	61	64	72	70	60	53	45	43	37	42	58	72	54	46	66	66	70	72	73	61	64	46	52	58	71	64	42	59.0
	Minimum	28	24	23	31	29	28	59	38	36	18	39	34	30	28	22	27	34	35	27	40	47	52	43	48	44	32	26	29	57	36	34	34.9
Nail	Maximum	57	52	57	66	66	57	62	60	44	43	39	34	29	31	42	56	44	35	55	52	59	57	58	50	55	34	42	44	62	57	31	49.0
	Minimum	38	28	36	45	37	37	50	29	26	30	31	23	21	21	22	37	21	28	29	46	50	55	49	42	33	23	2.	29	41	23	21	33.2
Newport	Maximum	65	56	66	67	61	62	69	59	67	51	47	45	34	41	44	62	55	37	65	55	61	70	64	58	51	48	44	50	61	58	42	54.8
	Minimum	55	30	39	45	42	31	52	36	40	26	39	34	27	30	24	37	29	30	31	44	49	43	51	48	43	32	26	32	47	42	37	37.8
Osceola	Maximum	68	60	50	68	60	58	60	58	50	40	48	45	40	40	42	64	51	51	62	64	68	62	62	56	56	50	48	47	62	58	49	54.8
	Minimum	38	30	30	40	38	30	40	38	36	29	37	38	28	28	25	35	28	31	32	36	40	42	46	44	32	26	26	28	45	38	38	34.5
Ozark	Maximum	....	....	....	....	61	66	64	65	70	71	55	38	35	43	48	61	52	58	60	67	67	66	68	64	56	45	71	70	60	62	61	59.4
	Minimum	....	....	....	....	32	43	40	44	29	25	34	25	27	28	22	36	27	29	36	35	36	39	49	41	31	30	40	42	38	36	35	34.4
Pine Bluff	Maximum	67	55	62	72	71	68	73	49	47	49	51	47	39	46	51	65	66	41	65	65	62	79	72	66	69	47	42	49	63	60	47	58.0
	Minimum	4.	33	35	46	44	35	53	43	40	28	41	30	30	34	29	40	36	31	36	47	47	48	47	4.	53	35	31	29	43	44	29	39.3
Pocahontas	Maximum	66	59	63	65	60	65	68	68	51	54	48	41	32	41	42	60	58	36	63	61	67	68	66	50	45	42	47	50	60	59	43	54.8
	Minimum	52	28	27	41	39	28	52	37	38	22	38	30	25	22	19	34	27	28	32	42	50	42	49	43	41	36	23	28	47	42	35	35.2
Portland	Maximum	73	59	69	78	69	72	77	47	48	56	48	46	42	50	55	76	64	57	81	71	68	74	74	76	71	63	45	62	65	63	51	62.9
	Minimum	5.	34	35	51	49	37	35	45	38	29	43	38	34	34	33	41	39	40	37	49	49	44	44	48	56	39	32	29	50	49	37	41.1
Prescott	Maximum	68	57	67	75	68	69	76	70	51	55	48	45	33	44	58	71	61	51	68	66	67	74	74	65	67	58	51	61	70	62	47	61.1
	Minimum	56	28	50	43	40	39	52	45	39	20	42	33	31	31	29	35	38	39	33	42	51	45	42	52	56	33	29	31	52	42	36	39.2
Rison	Maximum	66	70	58	67	75	64	71	75	49	50	56	47	42	37	47	63	58	40	36	34	35	50	46	46	49	50	38	31	30	30	45	38	37.4
	Minimum	54	32	31	31	46	37	37	44	38	20	29	30	31	32	27	30	40	36	34	35	50	46	46	49	50	38	34	48	59	68	58	38	53.3
Rogers	Maximum	61	57	61	61	61	67	68	47	49	51	45	35	33	37	48	56	46	46	61	67	69	63	57	55	54	34	26	24	32	48	31	29	33.0
	Minimum	31	24	28	31	26	38	45	29	21	20	35	20	23	24	12	39	25	33	37	52	56	53	51	45	34	26	24	32	48	31	29	33.2
Searcy	Maximum	67	58	63	65	62	65	71	67	52	53	46	41	35	41	47	67	52	39	64	57	58	70	62	58	55	50	46	51	62	60	44	55.2
	Minimum	51	28	25	39	40	29	51	40	34	24	35	33	27	30	23	32	30	31	30	47	49	40	48	45	44	32	28	28	48	43	36	36.4
Stuttgart	Maximum	67	58	64	70	64	66	71	69	49	52	49	47	37	45	51	66	55	42	63	60	62	71	71	67	63	53	43	54	60	59	45	57.7
	Minimum	42	32	31	45	38	33	53	43	37	26	40	36	30	32	27	38	32	34	33	46	49	40	58	44	52	31	31	29	56	45	39	38.9
Subiaco	Maximum	68	60	61	61	62	70	73	56	53	53	48	38	35	42	48	62	54	42	65	67	71	68	71	65	55	41	48	49	72	62	39	56.8
	Minimum	..	..	..	..	40	37	54	36	31	26	37	33	28	28	28	29	32	32	35	55	56	49	53	49	40	33	29	31	45	36	35	38.4
Texarkana	Maximum	68	66	71	80	65	70	84	67	60	60	55	45	40	49	66	78	51	51	70	68	71	70	76	70	68	48	50	63	73	50	53	63.4
	Minimum	57	32	30	50	47	50	68	47	32	29	42	40	32	30	30	45	47	41	39	55	55	53	50	55	55	39	27	37	53	45	36	43.3
Umphers	Maximum	64	57	62	66	60	65	70	66	54	48	....	45	35	39	54	63	55	42	62	65	65	67	70	63	59	54	48	55	69	61	40	57.3
	Minimum	42	32	35	41	45	38	55	37	33	30	....	31	26	26	29	42	32	31	32	41	53	48	52	47	37	33	26	32	41	33	34	37.3
Warren	Maximum	68	57	65	74	70	69	74	70	49	53	50	45	39	47	55	74	67	52	65	69	65	72	70	70	70	65	45	61	62	47	40	61.3
	Minimum	52	31	34	42	43	39	58	44	40	27	43	35	31	31	31	37	39	38	38	50	51	47	44	50	52	39	32	29	50	47	39	40.9
Wynne §§	Maximum	....	69	65	70	60	62	73	50	50	54	48	42	34	43	51	67	47	40	64	61	63	72	63	64	53	35	56	54	59	50	42	55.4
	Minimum	....	....	29	32	39	32	50	42	32	26	28	35	28	29	25	25	29	30	33	39	46	38	42	48	47	34	29	29	29	38	38	34.1

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

51.05
LNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVI. LITTLE ROCK., FEBRUARY, 1921. No. 2.

GENERAL SUMMARY.

The month as a whole was unusually mild, the average temperature being exceeded only twice since records have been kept in this State, and February, in connection with the two preceeding months, gives us a winter which is one of the four mildest of the past 31 years. During the first half of the month considerable farm work was done and all spring work was well advanced. On the 18th and 19, with high pressure covering the Mississippi Valley and the Plains, a LOW skirted the Gulf coast bringing Arkansas the greatest snowfall, with one exception, since state-wide records have been kept. In January, 1918, the snow averaged 17.4 inches, this month's 11.7 inches being the next heaviest on record. The snow-storm and low temperatures of the day following stopped all farm work and did some damage to fruit in the Fort Smith district, but with these exceptions, the low temperature was beneficial in that it checked the premature budding of fruit trees and the unseasonable advancement of vegetation, and the heavy snow covering left the ground in excellent condition for the coming crop. Practically all precipitation occurred from the 5th to the 10th and from the 18th to the 24th, the average number of rainy days being 6.

W. C. H.

TEMPERATURE.

The monthly mean temperature for February was 48.3°, which is 6.3° above the normal, all stations showing positive departures. The highest monthly mean was 58.9°, at Huttig, Union County; the lowest was 42.4° at Dutton, Madison County. The highest temperature recorded during the month was 85°, at Texarkana, Miller County, on the 24th and 25th; the lowest –3, at Dutton on the 20th. In most sections the highest occurred on the 13th or 14th; the lowest on the 20th. The greatest daily range was 48°, occurring at Hardy and Mammoth Spring on the 13.

PRECIPITATION.

The precipitation for the month of February averaged 3.59 inches which is 0.18 inch below the February normal. The geographical distribution was irregular but most of the heavier totals were confined to the central and east central counties. The greatest monthly total was 8.90 inches at Georgetown, White County; the least, 1.00 inch at Whitecliffs, Little River County. Much of the precipitation fell as snow, the average snowfall being 11.7 inches, the monthly totals varying from 24 inches in Logan and Scott counties to none in the extreme southeastern counties.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.07	30.52	17	29.55	4	4,450	27	s.	15	76	.....	60
Fort Smith...	30.07	30.53	17	29.53	4	5,707	42	sw.	7	79	58	68
Little Rock..	30.08	30.50	18	29.52	5	6,962	60	nw.	24	79	62	59

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 4th, 7; 5th, 7; 6th, 7; 7th, 18; 8th, 2; 9th, 1; 10th, 2; 21st, 1; 24th, 2.

Solar Halos:– 17th, 1; 20th, 3; 21st, 1.

Lunar Halos:– 17th, 2; 20th, 2; 21st, 1.

Light Hail:– 4th, England; 5th, Booneville, Conway, Dumas, Gillett, Higden, Nail, Stuttgart, Waldron; 6th, Batesville, Centerpoint; 7th, Nail, Okay.

Sleet:– 6th, Centerpoint; 10th, Batesville; 18th, Camden, Dumas, El Dorado, Gillett, Marianna, Pine Bluff, Little Rock; 19th, Stuttgart; 23d, Prescott.

High Winds:– 5th, Dumas, Gillett; 15th, Booneville, Eureka Springs, Grvett; 18th, Booneville; 24th, Gillett, Little Rock, Okay, Ozark, Stuttgart.

Correction: Texarkana, January 1921. Maximum on 30th should be 53°. Mean maxmum should be 63.2°, Monthly mean should be 53.4°. Departure should be + 6.8°.

COMPARATIVE DATA FOR ARKANSAS---- FEBRUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	46.5	+3.2	80	6	2.92	−2.08	10	9	9	8
1892.....	49.0	+2.2	85	18	3.47	−0.87	11	9	9	7
1893.....	42.4	−4.4	74	2	4.05	−0.29	9	6	13	8
1894.....	40.5	−6.3	75	0	6.32	−1.98	8	7	13	8
1895.....	33.5	−13.3	78	−17	0.71	−3.63	10	7	11	4
1896.....	45.2	−1.8	79	11	3.30	−1.20	15	6	8	6
1897.....	46.6	+3.2	89	8	2.59	−1.91	10	7	11	4
1898.....	45.8	+1.6	83	7	2.08	−1.82	15	5	8	5
1899.....	31.8	−11.9	76	−25	2.18	−1.72	12	6	10	6
1900.....	39.7	−5.3	74	− 5	5.06	+1.03	9	7	12	8
1901.....	40.8	−2.2	79	10	2.18	−0.91	10	7	11	6
1902.....	35.0	−6.4	72	− 2	2.60	−0.53	9	8	11	5
1903.....	41.0	−0.4	79	−12	7.63	+4.16	10	6	12	10
1904.....	44.9	+2.9	86	10	2.47	−1.38	12	8	9	5
1905.....	32.3	−9.4	82	−29	2.55	−1.01	9	6	13	7
1906.....	41.8	+0.1	75	− 7	2.21	−1.62	15	5	8	6
1907	44.9	+4.0	83	4	2.77	−0.89	12	6	10	6
1908.....	44.2	+3.0	78	0	5.26	+1.35	12	5	12	9
1909.....	47.3	+6.5	82	5	5.41	+1.86	13	6	9	8
1910.....	39.0	−2.2	75	−13	3.66	−0.01	11	6	11	7
1911.....	49.8	+8.6	87	7	4.81	+0.65	9	8	11	9
1912.....	37.9	−3.3	78	− 7	2.80	−0.71	12	8	9	6
1913.....	41.0	−0.7	82	5	3.74	+0.09	11	6	11	8
1914.....	40.4	−1.1	79	− 2	4.23	+0.57	11	7	10	7
1915.....	45.9	+4.3	76	11	4.47	+0.97	11	5	12	8
1916.....	43.4	+1.8	82	6	1.78	−1.80	14	4	11	5
1917.....	43.4	+1.7	89	− 4	1.93	−1.74	15	5	8	4
1918.....	44.4	+5.1	93	4	1.17	−2.43	12	6	10	4
1919.....	44.1	+2.1	80	−10	3.34	−0.25	13	4	11	8
1920.....	45.0	+3.2	79	− 2	1.26	−2.13	11	8	10	5
1921.....	48.3	+6.3	85	− 3	3.59	−0.18	15	5	8	6

Climatological Data for February, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observer.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	45.0	+ 2.2	77	14	11	20	43	2.93	−1.01	1.64	6.0	6	13	7	8	n.	Albert Dillard.
Arkadelphia ††....	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	2.08	−2.02	0.70	2.5	6	13	0	15	.....	F. J. Carpenter.
Arkansas City.....	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	2.69	−2.05	0.90	0	8	14	4	10	s.	Geo. E. Payne.
Bald Knob ....††	White	229	2	.....	.....	.....	.....	.....	.....	.....	4.41	.....	2.19	18.0	5	16	6	6	s.	Allen Moody.
Batesville	Independence	277	22	44.0	+ 3.9	77	14	8	20	43	3.18	−1.07	1.50	18.0	8	13	0	15	nw.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	45.8	+ 4.4	76	13	18	20†	42	2.40	- 0.82	1.80	18.0	8	13	5	10	ne.	J. E. Scanlan.
Bentonville	Benton	1303	15	44.0	+ 5.5	76	13	11	20	36	1.31	−1.21	0.61	6.5	7	13	9	6	nw.	U. S. Weather Bureau.
Bergman .....††	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	2.27	−1.36	0.91	13.0	9	13	1	14	n.	S. J. Howe.
Booneville	Logan	259	7	49.0	.....	77	14	18	20	33	3.52	.....	1.54	18.3	6	16	5	7	n.	Supt. Tuberculosis San.
Brinkley	Monroe	226	39	48.8	+ 6.5	77	14	20	20	41	7.14	+3.00	2.60	8.5	10	15	4	9	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	45.2	.....	81	12†	4	20	45	2.99	+0.37	1.37	11.0	5	13	1	14	nw.	J. M. Richardson.
Camden	Ouachita	158	35	49.4	+ 2.8	77	13	24	20	42	2.72	−1.45	0.95	T.	7	8	7	13	s.	A. B. Quarterman.
Centerpoint	Howard	470	24	49.4[f]	+ 3.6	79[f]	13	21[f]	20	41[f]	1.68	−1.74	0.70	4.0	4	9[f]	7[f]	6[f]	se.	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	6.49	+2.28	1.64	6.0	9	10	4	14	s.	J. W. Bishop.
Conway	Faulkner	309	37	48.0	+ 5.5	81	31	7	20	46	4.85	−0.97	1.78	19.0	6	17	3	8	s.	E. E. Cordrey.
Corning	Clay	293	21	46.2	+ 9.2	78	14	10	20	37	3.07	−0.70	1.45	12.0	6	14	8	7	sw.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	2.75	.....	2.45	20.5	5	14	2	12	.....	J. R. Avera.
Dardanelle	Yell	330	35	45.2	+ 2.4	71	14	13	20	37	2.42	−0.74	1.50	22.0	4	14	5	9	.....	F. E. Wieser
Dodd City	Marion	1175	39	43.8	+ 5.5	80	13	− 2	20	46	3.17	−0.06	1.76	11.0	4	10	12	6	nw.	Neal Dodd.
Dumas	Desha	162	14	52.6	+ 7.7	78	13	25	20	38	4.80	+0.89	1.70	2.0	10	12	8	8	.....	Ben. Johnson.
Dutton	Madison	1590	19	42.4	+ 5.6	74	14	− 3	20	46	3.95	+0.75	2.15	12.0	6	15	7	6	s.	J. M. Ricketts.
El Dorado	Union	265	17	52.4	+ 6.3	79	13	24	20	43	2.01	−2.13	0.82	0	8	18	1	9	w.	Mrs. Virgil N. Walls.
England	Lonoke	229	14	50.3	+ 5.3	78	13	20	20	40	6.85	+2.78	3.55	13.1	8	16	5	7	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	46.0	+ 7.0	82	14	14	20	37	2.52	−0.43	0.90	10.0	5	17	7	4	nw.	George W. Nicholds.
Fayetteville	Washington	1451	35	46.1	+ 9.1	79	14	6	20	38	2.93	+0.41	1.35	9.0	3	22	1	5	ne.	University of Arkansas.
Fort Smith	Sebastian	481	39	46.8	+ 5.0	79	13	12	20	37	3.03	+0.29	1.83	18.3	6	17	3	8	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	1.59	−1.49	1.00	.....	3	12	1	15	s.	T. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	8.90	.....	4.10	18.0	6	14	3	11	w.	Cleve Bell.
Gillett	Arkansas	.....	3	48.7[b]	.....	75[a]	6†	24[b]	20	38[b]	4.32	.....	1.59	.....	11	15	7	6	s.	H. E. F. Beverburg.
Grannis	Polk	921	3	47.6	.....	76	13	13	20	44	2.51	.....	1.32	7.0	6	17	3	8	n.	Dr. F. C. Mullins.
Gravette	Benton	1250	23	43.2	+ 6.5	76	13†	− 1	20	45	1.24	−0.83	0.50	5.5	5	15	7	6	sw.	A. F. Stevens.
Hardy	Sharp	643	24	48.6[a]	+10.2	81[a]	14	12[a]	20	48[a]	2.65	−0.63	1.20	12.0	3	14	2	12	s.	Mrs. D. S. Madden.
Helena ....††	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	6.86	+1.96	2.08	1.5	9	13	1	14	n.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	2.39	.....	1.32	17.0	3	15	2	11	sw.	Arthur Cross.
Hope	Hempstead	377	49	52.4	+ 5.2	79	13	22	20	40	2.50	−1.72	1.12	T.	4	12[a]	5[a]	10[a]	sw.	N. P. O' Neal.
Hot Springs	Garland	600	28	48.2	+ 2.1	76	15	23	20	36	4.83	+0.96	2.68	13.0	5	20	1	7	n.	A. & N. Gen. Hospital.
Huttig	Union	.....	14	58.9	+ 9.4	81	8	38	21	30	2.76	−1.72	0.74	0	8	18	3	7	.....	C. A Berry.
Jonesboro	Craighead	345	26	48.0	+ 7.6	78	14	20	20	38	4.27	−0.01	1.98	12.0	6	16	5	7	s.	Benedictine Sisters.
Junction‡‡	Union	182	28	53.8	+ 7.9	78	7†	25	20	41	2.97	−0.51	0.76	0	5	17	4	7	n.	J. A. Lowderback.
Little Rock	Pulaski	286	42	49.0	+ 4.9	75	13	23	20	31	6.86	+2.68	4.18	11.6	8	15	7	6	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	24	46.4	+ 5.9	76	14	18	20	32	4.35	+1.00	2.80	20.5	2	18	2	8	sw.	H. Kauffeld.
Magnolia	Columbia	315	3	52.6[b]	.....	77[b]	7	25[g]	20	35[b]	1.74	.....	.....	.....	..	8[b]	11[b]	1[b]	s.	State Agriculture School.
Malvern	Hot Spring	277	38	50.8	+ 6.8	76	14	27	19	36	3.08	−0.60	1.40	6.0	5	12	4	12	ne.	Mrs. Kate L. Smith.
Mammoth Spring	Fulton	512	16	45.8	+ 8.1	79	13†	3	20	48	1.91	−1.50	1.10	8.0	3	17	4	7	s.	W. S. Vincent.
Marianna	Lee	235	12	49.0	+ 6.5	73	13†	21	20	35	6.72	.....	1.54	5.0	9	13	5	10	ne.	W. K. Trousdale.
Marked Tree	Poinsett	229	16	47.4	.....	79	14	24	21	37	7.17	+3.16	2.54	8.1	8	12	11	5	se.	Charles Walton.
Marshall	Searcy	1083	6	47.4	.....	79	14	14	20	34	4.64	.....	2.18	17.5	6	12	10	6	nw.	W. F. Reeves.
Mena	Polk	1284	33	48.2	+ 5.0	76	13	16	20	35	3.81	−0.22	1.67	15.5	4	12	13	3	sw.	E. W. St. John.
Mountain Home	Baxter	800	7	46.0	.....	81	13†	12	20	46	2.97	.....	2.25	7.0	4	16	2	10	w.	B. S. Halbert.
Mount Ida	Montgomery	730	23	47.4	.....	80	13	2	20	44	3.12	−1.55	1.85	18.5	4	17	2	9	sw.	G. A. Whittington.
Murfreesboro ††	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	1.78	.....	0.98	5.5	2	9	6	13	e.	Henry A. Davis.
Nail	Newton	2233	28	43.3	+ 7.5	73	14	16	20	32	5.26	+2.38	2.30	13.0	6	17	4	7	s.	Charles Paxton.
Newport	Jackson	231	37	48.5	+ 8.1	77	14	20	19†	35	3.91	- 0.03	1.75	15.0	7	16	5	7	nw.	George L. Robinson.
Okay	Mississippi	240	21	45.8	.....	74	13	18	20	30	3.06	.....	1.80	22.0	5	16	3	9	s.	U. S. Forest Service.
Osceola	Pope	1700	6	48.6	+ 6.6	78	13	20	19	37	4.80	+0.67	1.80	8.0	7	12	7	9	s.	Atwood P. Smith.
Ozark	Franklin	377	25	46.8[c]	+ 5.6	79[c]	14	10[c]	20	41[c]	4.98	+2.29	2.65	18.0	4	10[d]	6[d]	8[d]	nw.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	7.24	.....	5.60	12.0	5	16	1	11	nw.	W. E. Baker.
Pine Bluff	Jefferson	215	37	52.2	+ 7.4	80	13†	26	20	39	4.43	+0.16	1.13	3.1	11	16	2	10	n.	Roy F. Hammond.
Pocahontas	Randolph	300	29	47.1	+ 9.1	79	14	20	20	40	2.70	−0.86	1.40	8.0	5	12	8	8	n.	Benedictine Sisters.
Portland	Ashley	122	15	53.4	+ 6.4	80	16	27	20	40	2.60	−1.99	0.95	0	6	15	5	8	n.	W. E. Edmiston.
Prescott	Nevada	327	39	51.8	+ 6.7	78	13	24	20	39	1.92	−1.59	1.00	1.0	7	17	3	8	s.	S. T. White, Jr.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	2.69	−1.32	1.10	T.	4	15	0	13	ne.	Foote Coleman.
Rison	Cleveland	243	17	50.8[a]	+ 7.6	77[a]	14	22[a]	20	40[a]	3.16	+0.20	1.20	2.8	6	10[a]	8[a]	9[a]	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	44.1	+ 6.5	78	13	4	20	40	2.56	+0.56	1.75	10.0	3	15	6	7	s.	Carl A. Starck.
Searcy	White	236	8	47.0	.....	75	14	20	20†	39	4.20	.....	1.70	15.0	8	17	2	9	sw.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	2.21	−1.37	0.83	0.5	5	13	2	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	49.1	+ 5.5	75	13†	18	20	38	5.32	+1.21	1.17	2.6	9	17	3	8	sw.	H. A. Buerkle.
Subiaco	Logan	1050	24	47.8	+ 6.6	79	13	13	20	35	3.87	+0.92	2.20	24.0	7	16	5	7	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	54.8	+ 7.6	85	24†	26	20	47	1.57	−1.39	0.80	T.	3	17	1	10	e.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	48.6	.....	79	13	21	20	37	2.34	.....	1.20	18.0	8	17[d]	2[d]	5[d]	s.	U. S. Forest Service.
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	4.54	.....	1.51	24.4	4	12	7	9	nw.	Dr. Cheves. Bevil.
Warren	Bradley	206	26	51.5	+ 6.7	76	13	25	20	38	3.31	−1.25	0.70	T.	8	16	6	6	n.	J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	1.00	−2.49	1.00	2.0	1	13	3	12	sw.	Miss Eulela M. Schirmer.
Wynne	Cross	250	13	46.3	+ 5.3	78	14	18	19	40	5.65	+1.97	1.55	9.5	7	21	0	7	sw.	J. M. Larkan.
State Means and Extremes				48.3	+ 6.3	85	24†	− 3	20	48	3.59	−0.18	5.00	11.7	6	15	5	8	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for February, 1921.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita					.34		1.64	.15										T.	.50	.20			.10									2.93
Arkadelphia	....do					.70			.60	.20		.30								.25				.03									2.08
Arkansas City	Mississippi					.40		T.	.18	.01	.90	.05							T.	.15	.43			.57		T.							2.69
Bald Knob	White					.37		2.19			.26									1.46					.13								4.41
Batesville	....do					.58		.69	.08		.04	.02								1.50	.30			.02	T.	T.							3.18
Bee Branch	Arkansas					.40		.10	.10											1.80													2.40
Bentonville ***	....do				.01	T.	.19	.44	.01										.32	.33					.01								1.31
Bergman	White																																
Black Rock	....do					.39		.91	.05	.06	.05	.18								.40	.15			.08		T.							2.27
Booneville	Arkansas					.37		1.07	.04										.48	1.54			.02										3.52
Brinkley	White					.68		2.60	.46	.64	.96	.12								.70	.71			.21		.12							7.14
Calico Rock	....do					.21		1.37	.24	T.								T.		1.05	.12					T.							2.99
Camden	Ouachita					.12		.04	.85	.10	.95								.01	.65	T.												2.72
Centerpoint	Little River						.25												.36	.70			.37										1.68
Clarendon	White					1.60		.80	.48	.36	1.64	.13							T.	.85	.20			.43									6.49
Conway	Arkansas					.52		1.67	.06										.73	1.78					.09								4.85
Corning	White				.02	.25		.94	.02		.39									1.45													3.07
Danville	Arkansas					.12		.04	.07										.07	2.45													2.75
Dardanelle	....do					.40		.30	.20		.02									*	1.50												2.42
Dodd City	White					.09			1.76											1.30			.02									3.17
Dumas	Arkansas					.17		1.70	.03	.23	1.23						.05		T.	.57	.20			.57	.05								4.80
Dutton	White					.25		2.15	.04										.43	.87			T.		.21								3.95
El Dorado	Ouachita					.04	.07	.10	.24	.62	.07					T.	T.		.05					.82	T								2.01
England	Arkansas					.97		3.55		.32	.47								.67	.49				.38	T.								6.85
Eureka Springs	White							.90	.52										.10	.60	.40				T.								2.52
Fayetteville	....do							T.	.91										1.35	.67													2.93
Fort Smith ***	Arkansas				.03	.01	.79	.37	T.										1.26	.57					T.								3.03
Fulton	Red						T			T	.36								T.	1.00				.23									1.59
Georgetown	White					1.60		4.10	.25		.50									1.80				.65									8.30
Gillett	Arkansas					.16		1.59	.62	.40	.68						.10		.05	.40	.35			.55	.02								4.32
Grannis	Red				.04		.02	.11	.04										1.32	.98													2.51
Gravette	White					.05		.45	.19										.05	.50													1.24
Hardy	....do				.65			.80												1.20													2.65
Helena	Mississippi					1.12			2.08	T.	1.06	1.20						.30		.10	.36			.46		.18							6.86
Higden	White					1.00	T.	.07	T.											1.32													2.39
Hope	Red										31								.27	.80			1.12										2.50
Hot Springs	Ouachita					.50		2.68			.05								1.20	.40													4.83
Huttig	....do	.25						.42	.12		.53						.10	.10		.74				.50									2.76
Jonesboro	White					.68		1.98	.02		.39								T.	1.14				.06									4.27
Junction	Ouachita				.34			.19	T.	.97								T.	.71	T.			.76										2.97
Little Rock ***	Arkansas				.20		T.	4.18	.01	.17	.07						T.		1.73	.45			.05		T.								6.86
Lutherville	....do							1.55												2.80													4.35
Magnolia	Red					.32		.26	.05	.33				*							.78													1.74
Malvern	Ouachita				.17			1.40	.30		.23								T.	.98					T.								3.08
Mammoth Spring	White					.51		1.10												.30					T.								1.91
Marianna	Mississippi				1.28			1.53	.18	1.54																							6.72
Marked Tree	St. Francis					.78		2.54	.42	.24	.59	.35					.38		.10	.40			1.20		.11								7.17
Marshall	White					.80		2.18	.06										.38	1.34					.08								4.04
Mena	Ouachita							.65	.04										1.45	1.67													3.81
Mountain Home	White					.12		2.23	.05										*	.57			T.		T.								2.97
Mount Ida	Ouachita					.53		.74												1.85													3.12
Nail	....do							.80												.98													1.78
Newport	White					.50		2.30	.10										.26	2.00			T.		.10								5.26
Okay	Arkansas							.77	.06		.02								.40	1.80					.01								3.91
Osceola	Mississippi				.60			1.80	.70	.60	T.	T.								.80			.30		T.								3.06
Ozark	....do							2.63	.04										1.11	1.20													4.80
Patterson	White					1.60		5.00			.04									1.10	.10													4.98
Pine Bluff	Arkansas					.69		.32	.29	.23	1.13	.04								.58	.18			.36		.07								7.24
Pocahontas	White					.30		.80			.10								.54	.58													4.43
Portland	Ouachita								.15		.65							.45	.50	.40			.10										2.70
Prescott	....do					.02		.17	.02	.04	.25								.02	1.00				.40									2.60
Princeton	Ouachita					.58		.12			.89									T.				1.10									1.92
Rison	....do				.68			.22	T.	.70	.68																						2.69
Rogers	Arkansas							.81											.28				1.20										3.16
Searcy	White					.40		1.70			.21								.25	1.50					T.								2.56
Springbank	Red					T.		T.	.10	.22	T.								.20	1.50			.02	.05	.12								4.20
Stuttgart	Arkansas					1.08		.90	T	.64	1.17							T.	.56	.83	T.			.50									2.21
Subiaco	....do					.11	.22	1.27	.05								22		.09	.80				.38	.04								5.32
Texarkana	Red									.35										2.20			T.		.02								3.87
Tuphers	Arkansas					.04		.25	.04		.02								.80				.42										1.57
Valdron	....do					T.	.02	1.31	T.										.60	1.20			.16		.03								2.34
Warren	Ouachita					.13		.62	.42	.24	.61								*	3.21					T.								4.54
Whitecliffs	Red																		.02	.57				.70									3.31
Wynne	St. Francis					1.00		1.55		.40	.30								1.30	1.00													1.00
																				.70				.40									5.65

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for February, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.0	8.7	8.3	7.9	7.6	7.3	8.0	9.1	9.2	9.2	8.6	7.8	7.2	7.2	7.0	6.7	6.4	6.3	6.5	6.2	6.1	6.5	9.3	11.2	12 0	11.6	10.4	9.2			
Dardanelle	....do	20	7.3	7.5	6.7	6.3	5.9	5.5	5.5	9.5	8.9	8.5	8.0	7.6	6.7	6.0	5.6	5.3	5.0	4.8	4.7	4.6	4.5	4.6	5.0	6.3	10.6	11.5	10.8	9.9			
Little Rock	....do	23	10.5	9.0	7.7	6.7	6.0	5.5	5.8	6.0	8.5	9.5	9.1	8.7	8.2	7.4	6.3	5.6	4.9	4.6	4.4	4.2	4.1	4.1	4.9	5.9	7.8	11.8	13.3	13.0			
Pine Bluff	....do	25	15.3	13.2	12.6	11.5	10.5	9.9	9.3	9.9	10.4	13.1	13.5	13.2	12.3	11.9	11.0	10.2	9.5	9.1	8.8	8.6	8.2	7.9	8.2	9.0	11.3	13.7	15.5	16.3			
Black Rock	Black	14	6.0	6.5	7.2	7.0	6.7	6.3	6.8	9.7	10.6	10.3	9.0	8.7	9.3	9.0	8.8	8.5	8.0	7.7	6.8	6.7	7.0	7.3	8.0	8.8	9.0	8.6	7.5	7.0			
Calico Rock	White	18	3.5	3.5	2.8	3.0	2.5	2.5	3.9	11.0	9.3	7.2	6.2	6.6	5.8	5.2	4.6	4.3	3.8	3.7	3.5	3.1	2.8	2.7	3.4	4.0	4.1	4.3	4.5	4.5			
Batesville	....do	23	9.7	9.4	9.1	9.0	8.9	8.5	8.7	16.1	17.6	15.1	13.1	12.8	12.6	11.6	10.9	10.5	10.2	9.7	9.6	9.3	9.1	9.0	9.8	10.7	11.5	11.1	10.9	10.8			
Newport	....do	26	4.9	5.3	5.8	5.9	5.9	5.8	5.7	8.4	12.7	15.3	17.4	16.1	14.8	12.4	11.5	10.6	10.2	9.7	9.4	9.4	9.9	10.2	10.7	10.8	11.0	11.2	11.3	11.3			
Georgetown	....do	22	8.0	8.4	8.5	8.8	9.0	9.3	9.6	12.0	14.0	15.2	16.0	16.8	17.6	17.8	17.8	17.3	16.6	15.5	14.8	14.6	14.6	14.0	14.2	15.0	15.8	16.7	17.4	17.4			
Clarendon	....do	30	15.3	15.6	15.8	16.0	16.4	16.6	16.8	19.2	20.7	21.8	22.6	23.1	23.6	24.1	24.4	24.6	24.6	24.6	24.7	24.6	24.4	24.2	24.1	24.0	24.0	24.0	24.0	24.2			
Helena	Mississippi	42	17.3	17.4	18.0	19.3	20.8	22.2	23.0	23.8	24.2	24.8	25.8	26.7	27.8	29.1	30.3	31.4	32.2	33.0	33.6	34.2	34.5	34.7	34.5	34.1	33.5	32.9	32.0	31.2			
Arkansas City	....do	42	23.6	23.6	23.6	23.7	24.1	25.4	26.4	27.3	28.0	28.6	29.4	30.4	31.4	32.2	33.0	34.1	34.9	35.6	36.3	36.8	37.2	37.5	37.8	37.9	37.9	37.7	37.5	37.3			
Camden	Ouachita	49	9.8	9.2	9.0	8.5	8.0	7.6	7.1	8.5	16.0	18.7	17.2	16.0	15.3	13.8	12.0	11.5	9.8	8.7	8.6	8.9	9.3	11.9	13.9	16.5	19.0	21.0	22.3	22.8			
Danville	Petit Jean	20	3.9	3.7	3.6	3.2	3.0	2.7	2.6	2.7	16.2	14.1	12.4	10.2	8.8	6.2	4.0	3.6	3.4	3.2	3.4	4.2	5.8	6.9	9.2	12.6	21.7	22.4	21.7	20.8			
Arkadephia	Ouachita	18	1.1	1.1	1.1	1.0	1.0	1.1	1.2	8.5	4.9	4.3	3.8	3.2	2.8	2.3	2.2	2.0	1.8	1.6	1.5	2.2	3.0	3.9	5.1	6.9	7.8	8.5	6.9	5.5			
Patterson	Cache	9	6.4	6.0	5.9	5.8	5.8	5.8	7.4	8.6	8.8	8.5	8.4	8.3	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.2	8.7	8.9	9.1	9.3	9.3	9.2	9.0	8.9			

Daily Temperatures for February, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	45	52	52	59	62	70	64	62	55	52	60	62	69	77	74	70	72	60	33	32	46	54	59	59	70	61	74	67	....	....	....	59.7
	Minimum	35	35	22	22	39	37	48	46	38	39	32	33	33	34	34	44	40	32	26	11	15	29	28	29	30	30	32	29	....	....	....	32.2
Batesville §§	Maximum	39	50	56	54	48	65	61	61	53	58	55	62	76	77	72	71	54	33	32	45	30	34	51	63	67	71	51	66	....	....	....	55.5
	Minimum	34	29	24	35	45	40	47	46	40	39	39	39	36	40	39	54	28	29	26	8	12	13	28	28	27	27	32	26	....	....	....	32.5
Bee Branch	Maximum	44	49	57	54	65	64	60	58	55	58	55	61	76	76	72	71	61	49	30	44	49	50	47	61	57	70	65	66	....	....	....	58.0
	Minimum	31	33	24	40	40	40	52	45	35	41	34	36	34	41	44	55	30	25	22	18	18	25	25	28	29	33	32	28	....	....	....	33.5
Bentonville	Maximum	36	48	54	58	59	66	56	37	51	51	56	62	76	75	69	63	45	32	36	40	46	47	52	61	58	65	63	67	....	....	....	54.6
	Minimum	32	28	31	48	36	48	35	29	29	32	30	30	44	52	56	39	27	26	19	11	20	33	28	39	31	39	27	37	....	....	....	33.4
Booneville	Maximum	42	50	59	60	64	68	63	47	56	54	62	66	80	77	73	68	56	51	34	38	47	56	52	67	64	71	66	70	....	....	....	59.3
	Minimum	35	35	31	51	42	52	41	36	33	40	32	37	49	58	57	56	39	27	26	18	26	36	31	37	36	45	39	37	....	....	....	38.6
Brinkley	Maximum	44	49	54	55	68	74	67	60	55	60	57	62	76	77	74	75	65	52	33	45	51	64	54	69	58	70	70	69	....	....	....	61.0
	Minimum	34	26	28	38	38	43	54	49	44	40	38	39	39	50	48	58	36	27	25	20	21	31	31	32	32	38	35	28	....	....	....	36.5
Calico Rock §§	Maximum	41	49	57	54	65	65	56	54	55	58	65	81	81	73	66	53	53	33	31	46	49	53	51	65	61	71	57	74	....	....	....	57.8
	Minimum	33	34	28	26	44	41	48	46	37	37	37	36	39	39	55	34	31	32	25	4	6	11	32	31	30	31	34	30	....	....	....	32.5
Camden	Maximum	51	51	61	68	70	70	75	53	47	63	63	66	77	71	72	72	59	41	35	45	56	66	58	74	61	72	64	69	....	....	....	61.8
	Minimum	38	30	26	26	45	42	48	49	46	44	34	33	35	39	46	45	48	39	31	24	31	33	32	35	35	36	36	33	....	....	....	37.1
Conway	Maximum	47	49	61	54	68	68	63	60	53	61	60	65	81	79	74	71	62	47	31	44	50	58	51	64	63	73	64	72	....	....	....	60.5
	Minimum	35	35	26	44	39	43	58	43	41	45	34	35	35	41	47	60	34	28	26	7	16	26	27	31	31	38	35	31	....	....	....	35.4
Corning	Maximum	37	45	56	52	62	65	64	58	56	53	51	56	74	78	74	69	59	45	33	45	47	53	50	60	55	70	57	64	....	....	....	56.7
	Minimum	34	33	30	42	45	44	52	44	37	37	38	40	41	42	50	59	34	29	25	10	17	23	31	30	30	42	32	27	....	....	....	35.6
Dardanelle	Maximum	41	43	53	51	53	60	59	54	51	52	54	53	70	71	67	66	59	50	33	42	40	50	45	65	54	63	63	70	....	....	....	54.7
	Minimum	36	37	26	49	44	45	50	41	38	44	34	39	36	40	46	58	33	29	27	13	19	25	24	27	32	35	38	33	....	....	....	35.6
Dodd City	Maximum	38	48	55	54	61	66	61	47	51	54	54	61	80	79	76	68	56	41	31	42	50	54	50	61	59	68	62	69	....	....	....	57.1
	Minimum	29	24	25	42	38	39	42	41	30	29	32	29	34	37	47	52	25	25	21	-2	18	30	24	29	25	32	24	29	....	....	....	30 4
Dumas	Maximum	46	48	58	65	68	76	68	62	55	60	60	62	78	75	75	76	65	54	35	42	53	68	62	72	59	72	65	64	....	....	....	62.2
	Minimum	37	27	28	40	49	43	55	35	47	44	37	41	40	48	48	58	40	35	29	25	30	38	36	34	35	42	41	31	....	....	....	39.0
Dutton	Maximum	39	47	52	50	60	61	58	52	58	51	54	61	73	74	66	62	49	42	31	43	51	46	49	61	54	67	62	69	....	....	....	55.1
	Minimum	30	30	23	42	32	39	44	38	29	31	29	27	34	38	44	44	30	25	21	-3	15	28	25	28	27	34	23	27	....	....	....	29.8
El Dorado	Maximum	65	51	62	70	71	72	77	66	57	63	63	68	79	78	75	73	63	52	43	47	59	67	57	74	69	73	75	73	....	....	....	65.8
	Minimum	36	27	29	43	48	49	47	42	46	44	36	39	41	46	48	46	48	38	29	24	30	36	33	37	35	39	40	33	....	....	....	38.9
England §§	Maximum	44	49	60	60	69	70	65	64	60	60	61	62	78	75	74	71	65	47	31	43	52	66	57	69	62	74	73	72	....	....	....	61.9
	Minimum	36	30	29	31	45	45	57	49	44	43	39	39	38	49	52	60	41	30	27	20	27	36	33	35	35	45	37	32	....	....	....	38.7
Eureka Springs	Maximum	36	51	56	56	62	71	60	42	57	52	57	66	78	82	71	67	50	38	37	43	51	52	52	61	60	68	64	71	....	....	....	57.5
	Minimum	29	26	33	47	36	47	38	34	28	32	31	29	51	57	55	47	26	24	22	14	23	37	25	39	27	43	27	42	....	....	....	34.6
Fayetteville	Maximum	36	49	54	54	56	57	60	50	58	57	58	69	71	79	75	67	57	48	34	47	54	47	56	67	57	65	66	68	....	....	....	57.7
	Minimum	30	27	32	45	37	49	37	34	27	34	28	31	50	54	54	49	28	26	22	6	22	34	26	29	45	42	41	41	....	....	....	34.5
Fort Smith	Maximum	43	49	58	60	62	65	58	41	55	55	61	62	79	77	73	67	55	42	36	36	42	48	50	66	61	71	58	69	....	....	....	57.1
	Minimum	36	34	29	50	40	50	39	36	33	40	31	37	42	47	53	48	39	28	24	12	25	33	27	32	36	40	39	38	....	....	....	36.4
Gillett	Maximum	43	47	57	63	68	75	74	61	55	59	58	61	75	73	73	73	62	42	34	42	54	64	61	69	57	68	....	68	....	....	....	60.6
	Minimum	37	28	28	40	47	47	47	45	46	44	37	41	40	40	46	57	41	33	29	24	30	36	35	33	32	....	....	30	....	....	....	36.8
Grannis	Maximum	51	51	58	62	62	61	63	55	59	59	63	69	76	73	71	69	60	49	34	43	49	55	58	71	60	74	65	70	....	....	....	60.4
	Minimum	33	37	21	48	41	42	54	41	37	43	27	38	32	36	42	48	41	33	26	13	24	38	29	31	31	31	32	29	....	....	....	34.9
Gravette	Maximum	35	48	55	53	61	67	62	45	52	53	56	64	76	76	71	66	51	40	35	41	47	48	53	63	57	67	63	68	....	....	....	56.2
	Minimum	30	32	32	44	31	43	34	34	27	27	21	23	31	47	56	51	23	28	23	-1	10	34	18	32	22	35	23	34	....	....	....	30.1
Hardy	Maximum	58	54	57	65	65	66	64	....	60	60	57	61	80	81	78	74	78	67	34	43	46	55	53	63	59	74	59	70	....	....	....	62.3
	Minimum	45	42	48	38	42	38	53	....	43	37	38	36	32	37	42	53	42	28	24	12	17	23	30	27	25	34	34	26	....	....	....	35.0
Hope	Maximum	50	50	60	69	69	75	66	66	65	63	63	66	79	75	73	72	69	46	34	34	32	22	38	45	35	42	39	48	42	42	....	63.5
	Minimum	35	35	29	47	41	60	43	45	43	45	34	36	39	49	52	60	46	34	32	22	38	45	35	42	39	48	42	42	....	....	....	41.4
Huttig	Maximum	44	44	55	57	57	64	63	54	54	55	57	59	75	75	76	66	62	50	51	39	39	53	53	43	44	70	70	65	....	....	....	56.9
	Minimum	35	38	39	46	47	42	45	45	41	41	37	39	41	56	54	60	41	29	27	23	29	36	39	38	32	38	40	35	....	....	....	39.6
Hot Springs	Maximum	63	63	65	70	69	71	72	81	60	63	70	71	70	79	77	77	73	67	51	49	59	72	66	75	70	74	75	73	....	....	....	68.8
	Minimum	42	39	40	52	53	58	58	51	53	50	46	48	43	60	55	54	59	40	45	44	38	45	48	50	51	50	52	49	....	....	....	49.0
Jonesboro	Maximum	40	48	68	58	64	68	63	58	55	56	53	59	74	78	77	73	61	46	35	37	47	57	54	63	55	70	62	66	....	....	....	58.8
	Minimum	34	34	32	37	45	43	55	46	41	39	39	39	40	52	50	59	35	28	25	20	23	25	26	32	33	44	36	28	....	....	....	37.1
Junction	Maximum	62	64	60	65	69	71	78	74	68	64	62	68	71	73	75	78	72	64	56	58	64	68	62	64	67	69	71	76	....	....	....	67.6
	Minimum	32	30	29	40	47	54	62	49	46	40	33	35	36	41	50	54	51	46	36	25	33	42	39	36	35	33	34	35	....	....	....	40.1
Little Rock	Maximum	43	47	58	59	65	66	65	60	49	58	59	59	75	73	70	70	55	44	30	41	46	62	51	66	58	72	56	68	....	....	....	58.1
	Minimum	35	35	31	46	48	47	57	44	41	44	38	42	44	50	51	52	43	28	26	23	27	41	35	36	38	42	40	37	....	....	....	39.9
Lutherville	Maximum	40	49	59	52	65	62	60	53	60	57	53	62	75	76	71	65	56	46	31	40	48	49	44	62	57	69	61	65	....	....	....	56.7
	Minimum	33	33	29	45	40	47	48	38	34	40	31	34	43	48	53	56	34	27	25	18	23	31	27	34	33	38	33	35	....	....	....	36.1
Magnolia	Maximum	52	49	61	69	69	70	77	64	50	62	63	67	....	....	....	....	....	....	....	....	....	56	66	64	72	70	73	69	73	....	....	64.8
	Minimum	38	36	30	47	48	47	63	44	45	45	36	40	....	....	....	....	....	....	....	25	30	39	33	39	37	44	42	38	....	....	....	40.3
Mammoth Spring	Maximum	37	46	56	55	63	66	62	57	53	57	54	58	79	79	73	70	58	47	35	43	48	55	52	61	57	69	63	69	....	....	....	57.9
	Minimum	33	30	22	44	43	38	51	44	35	35	38	38	31	34	39	58	28	28	25	3	19	45	31	28	26	34	34	27	....	....	....	33.6
Marianna	Maximum	41	48	55	57	65	71	67	66	62	57	57	57	73	73	73	68	63	40	29	23	21	25	33	38	42	39	40	36	28	....	....	59.1
	Minimum	35	28	29	48	45	44	56	52	57	40	40	40	42	49	49	51	38	29	25	21	25	33	38	42	39	40	36	28	....	....	....	38.9
Marked Tree §§	Maximum	41	51	60	64	66	77	67	57	50	57	58	62	77	79	77	74	55	34	31	40	48	58	49	62	55	69	46	65	....	....	....	58.2
	Minimum	36	31	29	32	44	40	40	49	43	43	40	40	41	43	41	52	40	32	28	25	24	27	32	34	34	36	37	29	....	....	....	36.5
Marshall	Maximum	40	49	57	54	63	63	60	52	55	54	60	66	79	76	70	66	54	43	30	41	49	53	54	61	60	70	62	72	....	....	....	57.7
	Minimum	32	33	35	46	43	48	47	45	34	38	35	35	45	52	45	54	33	25	24	14	21	33	28	38	33	48	32	40	....	....	....	37.1
Mena	Maximum	49	49	59	60	67	65	64	56	58	56	61	71	76	74	70	67	50	46	32	41	51	49	55	65	62	71	65	68	....	....	....	59.4
	Minimum	32	35	31	47	42	46	46	38	32	41	32	36	47	50	54	52	40	28	25	16	22	32	31	35	31	43	37	33	....	....	....	36.9
Mountain Home	Maximum	40	49	57	57	65	66	66	52	56	58	55	62	81	81	72	67	53	44	34	42	50	54	53	66	60	71	58	74	....	....	....	58.6
	Minimum	31	28	25	45	42	43	46	43	33	34	35	31	35	41	52	50	30	27	23	12	28	27	27	28	27	34	29	28	....	....	....	33.4
Mount Ida	Maximum	50	51	59	61	68	66	66	54	54	60	65	70	80	76	71	72	57	44	30	46	54	57	57	69	74	76	70	73	....	....	....	61.8
	Minimum	34	35	21	49	36	35	52	41	35	41	32	39	34	34	50	51	30	29	28	2	20	25	25	27	32	33	29	27	....	....	....	33.1
Nail	Maximum	42	47	51	47	59	53	55	52	58	52	52	62	72	75	65	60	48	38	27	44	45	44	48	58	52	64	69	66	....	....	....	53.7
	Minimum	26	28	27	42	36	45	44	39	29	28	30	46	54	47	44	29	22	18	16	22	30	26	30	29	42	27	36	....	....	....	....	32.9
Newport	Maximum	40	48	56	54	62	67	63	60	58	58	56	57	76	77	72	74	64	52	46	42	45	55	54	66	57	71	67	65	....	....	....	59.2
	Minimum	35	33	41	42	44	44	55	46	40	40	39	39	42	45	52	60	37	29	20	20	21	26	38	33	34	41	36	30	....	....	....	37.9
Okay	Maximum	60	52	54	54	57	63	57	54	59	55	51	61	74	73	69	67	57	42	27	44	49	47	45	60	58	68	57	63	....	....	....	56.1
	Maximum	32	28	29	42	39	45	48	41	32	38	30	34	45	54	49	57	33	24	22	18	21	30	26	37	32	42	29	33	....	....	....	35.4
Osceola	Minimum	56	54	52	58	62	68	65	65	56	50	52	54	74	78	74	72	60	59	54	46	48	58	56	60	54	70	60	64	....	....	....	60.1
	Minimum	44	38	36	41	43	43	46	46	46	46	45	41	41	41	50	37	30	29	20	21	24	32	32	34	36	36	26	....	....	....	....	37.0
Ozark	Maximum	45	49	52	58	63	61	64	53	....	....	....	63	76	79	74	73	70	46	41	48	48	51	60	68	60	74	68	70	....	....	....	60.6
	Minimum	36	37	40	36	25	38	48	40	....	....	....	32	35	39	37	40	34	24	28	10	19	37	28	25	33	35	37	34	....	....	....	33.1
Pine Bluff	Maximum	45	47	62	63	66	75	67	60	54	60	58	65	80	80	80	76	67	50	41	44	60	71	64	72	67	71	60	71	....	....	....	63.4
	Minimum	37	33	30	44	47	48	51	50	45	43	38	42	41	50	64	61	42	32	28	26	30	37	35	38	39	44	41	34	....	....	....	41.1
Pocahontas	Maximum	37	49	56	55	67	68	64	63	60	60	56	59	76	79	75	71	62	49	32	43	49	53	50	63	57	73	65	66	....	....	....	59.2
	Minimum	34	32	26	41	45	42	53	43	35	39	39	38	37	40	43	60	32	28	25	20	21	22	30	29	28	41	31	26	....	....	....	35.0
Portland	Maximum	50	49	59	67	69	76	79	74	58	61	59	64	79	73	72	80	63	49	41	44	57	68	60	73	69	73	65	71	....	....	....	64.4
	Minimum	38	31	28	45	56	47	64	58	50	46	38	45	39	49	46	57	48	39	31	27	35	38	38	35	39	39	45	35	....	....	....	42.4
Prescott	Maximum	49	43	60	69	68	67	77	62	58	63	66	69	78	74	73	70	65	53	41	42	55	64	59	62	74	71	65	69	....	....	....	63.1
	Minimum	35	36	27	42	45	43	61	45	43	45	36	48	40	46	51	60	41	32	28	24	30	39	39	49	35	39	43	36	....	....	....	40.6
Rison	Maximum	48	46	50	61	63	69	71	68	59	47	61	66	64	77	73	76	72	67	....	53	43	56	66	56	71	62	73	62	....	....	....	62.2
	Minimum	37	29	30	30	41	46	59	57	44	43	36	41	46	49	51	57	45	35	....	22	29	31	38	31	31	34	41	32	....	....	....	39.4
Rogers	Maximum	37	54	56	54	60	68	60	40	55	52	52	56	78	77	71	67	49	38	35	40	48	50	52	62	57	67	63	69	....	....	....	56.0
	Minimum	33	25	32	37	37	46	38	35	29	29	31	29	44	37	52	49	27	25	23	4	20	37	22	35	27	37	28	30	....	....	....	32.1
Searcy	Maximum	43	49	52	54	67	66	65	60	57	60	56	60	74	75	72	74	64	47	30	40	50	57	52	68	58	72	54	67	....	....	....	59.0
	Minimum	35	31	25	40	44	41	55	47	41	41	36	32	35	40	44	59	32	27	25	20	20	21	29	30	30	39	35	29	....	....	....	35.1
Stuttgart	Maximum	43	46	58	61	65	69	66	60	56	59	58	58	75	74	75	70	64	50	32	38	48	66	63	68	57	70	63	68	....	....	....	60.0
	Minimum	36	29	29	41	46	47	57	52	44	43	40	40	37	48	49	50	39	30	27	18	25	37	34	34	32	39	35	31	....	....	....	38.2
Subiaco	Maximum	41	50	60	56	65	66	63	52	58	57	59	62	79	78	74	68	57	56	36	43	49	50	50	63	62	71	63	68	....	....	....	59.1
	Minimum	35	36	28	51	42	47	45	39	36	42	33	38	39	44	50	55	37	28	27	13	24	31	28	30	35	39	36	33	....	....	....	36.5
Texarkana	Maximum	55	54	61	72	77	73	75	60	53	60	67	73	81	73	75	75	66	55	38	50	58	67	65	85	85	81	80	77	....	....	....	67.5
	Minimum	47	37	30	50	46	50	60	40	43	46	33	40	45	50	54	60	49	35	30	26	30	45	30	39	38	45	43	40	....	....	....	42.2
Umphers	Maximum	49	51	60	60	64	65	65	57	54	56	65	74	79	73	71	66	57	50	32	38	46	54	51	62	60	70	65	70	....	....	....	59.4
	Minimum	33	35	29	38	42	46	41	49	34	41	39	38	46	61	53	56	37	27	24	21	23	34	32	36	34	41	35	33	....	....	....	37.8
Warren	Maximum	46	48	58	64	68	66	69	63	54	61	61	62	76	72	71	73	67	51	39	43	56	66	62	74	61	71	66	68	....	....	....	62.0
	Minimum	38	29	28	43	51	49	46	59	47	44	39	41	38	51	52	61	48	39	29	25	31	36	36	36	37	40	43	33	....	....	....	41.0
Wynne §§	Maximum	42	50	58	61	66	73	68	62	60	58	55	61	75	78	74	75	58	41	34	65	50	63	59	68	57	71	54	67	....	....	....	60.8
	Minimum	35	29	32	44	45	46	56	48	43	42	40	41	42	49	52	54	34	28	18	25	19	35	32	33	30	41	34	30	....	....	....	37.8

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

L. XXVI. LITTLE ROCK, Ark., MARCH, 1921. No. 3.

GENERAL SUMMARY.

March opened with temperatures about 15° above normal and values remained near or above normal in most sections of State until the 28th. This condition, following an unusu- mild winter, advanced vegetation two or three weeks beyond average season, increasing the damage to be done by a later eze. In March, 1907, the mean temperature for this section was 9° which is the only March during the past 31 years with a her mean. The extremes showed a wide range but were with- he limits established by previous records.

The freeze of the 29th did considerable damage in the north- and northwestern counties, but the loss will not be so great was at first feared. In the Bentonville District all blooms and ng fruit were killed, but many late buds were left on apple s which, under favorable conditions, will open later. Berries e delayed and damaged somewhat by the freeze, but the loss not be great.

uring the first six days of the month little rain fell, but there- r heavy showers were frequent and an excess was measured practically all sections. These heavy rains brought most of the rs of the State to or above flood stages, but the damage was great except that incident to the delay in preparation and ting. At the close of the month most of the corn and some he cotton outside of the overflowed land were planted.

On the afternoon of the 17th a tornado occurred in Oil Trough tom, 10 miles west of Newport, demolishing dwellings, barns, sheds, and injuring nine people, the property damage be- estimated at $10,000.00. It seems that the tornado did not h the ground all of the time, but bounced along, the greatest nage being done on the Meadow Lake Farm.

hail storm occurred near Meto and Kerrs, Lonoke County, the 16th during which hail stones larger than hen eggs are orted to have fallen. Near Boles and Parks, Scott County, orm occurred on the 25th with stones as large as hen eggs and rey, White County, reports large hail stones on the 17th. le damage was done except to gardens.

W. C. H.

TEMPERATURE.

e monthly mean temperature for the section was 60.8°, which .3° above normal, all stations showing positive departures. e highest monthly mean temperature was 66.6°, recorded at rkana, Miller County; the lowest, 54.3°, at Nail, Newton nty. The highest temperature recorded during the month 92° at Prescott, Nevada County, on the 16th and at Texar- a on the 21st; the lowest, 18° at Dutton, Madison County, at Dodd City, Marion County, on the 29th. At practically all ions the lowest temperature occurred on the 29th, but the nest occurred on different dates. The greatest daily range was at Calico Rock on the 30th.

PRECIPITATION.

e precipitation for the month averaged 6.58 inches which is 3 inches above the March normal. Except at four scattered ions the departures were positive throughout the State. The test monthly total was 11.01 inches at Gravette, Benton nty; the least, 2.98 inches at Mena, Polk County. The great- amount recorded in 24 consecutive hours was 5.55 inches at vette on the 21st and 22d. The average number of rainy days nine.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement, miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.00	30.62	28	29.61	26	6,332	30	s.	26	80	.....	44
Fort Smith...	30.01	30.59	28	29.66	25	7,306	34	s.	5	80	64	55
Little Rock..	30.04	30.51	28	29.72	25	6,448	39	s.	7	82	62	56

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 5th, 1; 6th, 8; 7th, 3; 8th, 10; 10th, 1; 11th, 17; 12th, 3; 13th, 13; 14th, 14; 15th, 3; 16th, 10; 17th, 12; 18th, 7; 19th, 1; 20th, 1; 21st, 3; 22d, 1; 23d, 6; 24th, 16; 25th, 7; 26th, 4; 27th, 17; 28th, 14; 30th, 3; 31st, 1.

Solar Halos:— 11th, 1; 12th, 1; 30th, 1.

Lunar Halos:— 17th, 1; 18th, 4; 19th, 1; 21st, 1.

Sleet:— 28th, 3; 29th, 1.

Light Hail:—6th, Grannis, Nail; 8th, Dutton; 11th, Grannis; 14th, Lutherville; 16th, Georgetown, Little Rock, Mountian Home; 17th, Newport, Okay, Dodd City; 24th, Dutton; 25th, Bentonville; 27th, Junction, Marianna, Pocahontas; 28th, Malvern; 30th, Stuttgart.

Heavy Hail:— 16th, Meto, Kerrs; 17th, Searcy; 18th, Conway; 25th, Boles, Parks.

Killing Frost:— Killing frost or freezing temperature on the 29th except in the extreme south.

COMPARATIVE DATA FOR ARKANSAS---- MARCH.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	46.7	−3.9	82	10	5.10	+1.06	11	9	11	10
1892.....	47.9	−3.2	90	9	3.44	−1.54	14	8	9	7
1893.....	50.1	−1.0	82	5	3.55	−1.43	16	6	9	8
1894.....	54.6	+2.5	88	8	9.84	+4.86	14	7	10	9
1895.....	51.8	+0.7	91	10	5.39	+0.41	13	7	11	10
1896.....	48.7	−2.0	85	12	5.28	+0.47	10	7	14	8
1897.....	55.9	+5.2	88	13	9.76	+4.95	10	7	14	15
1898.....	54.5	+3.4	88	18	5.96	+0.43	10	9	12	9
1899.....	50.6	−0.4	87	1	2.97	−2.21	12	9	10	7
1900.....	51.2	+0.2	90	7	2.50	−2.56	15	7	9	7
1901.....	51.5	+0.5	86	4	4.67	−0.25	14	8	9	6
1902.....	52.6	+1.3	89	14	5.34	+0.02	12	10	9	7
1903.....	54.8	+3.2	85	11	5.56	+0.22	10	9	12	8
1904.....	55.3	+3.2	90	12	5.64	+0.42	11	11	9	8
1905.....	57.1	+4.8	92	26	5.31	+0.03	10	10	11	9
1906.....	45.2	−7.2	88	10	5.69	+0.04	8	6	17	11
1907.....	61.9	+9.7	96	25	3.22	−1.81	14	8	9	6
1908.....	59.5	+7.1	93	21	3.79	+1.43	11	9	11	8
1909.....	52.7	+0.2	84	16	3.71	−1.45	13	8	10	8
1910.....	60.7	+8.4	92	23	1.39	−3.68	20	7	4	3
1911.....	56.6	+3.7	94	15	2.17	−2.70	16	9	6	6
1912.....	45.8	−7.0	86	10	7.86	+2.78	7	7	17	12
1913.....	49.7	−3.2	88	8	4.74	−0.29	14	9	8	7
1914.....	50.0	−2.6	86	4	5.13	+0.01	12	8	11	9
1915.....	42.5	−10.6	73	14	3.54	−1.11	9	7	15	7
1916.....	54.5	+1.7	91	11	1.93	−2.76	16	6	9	5
1917.....	53.0	0.0	87	9	5.32	+0.41	14	5	12	11
1918.....	57.9	+5.2	96	16	1.31	−3.29	11	8	12	4
1919.....	53 2	+0.6	86	11	5.47	+1.05	17	5	9	6
1920.....	51.8	+1.5	88	2	5.31	+0.53	11	5	11	8
1921.....	60.8	+8.3	92	18	6.55	+2.10	11	8	12	9

Climatological Data for March, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observer.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	58.4	+ 4.1	83	18†	27	29	42	6.09	+1.16	2.00	0	8	13	3	15	s.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	7.47	+2.57	1.85	0	6	10	0	21	sw.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	5.52	−0.05	1.63	0	6	7	8	16	s.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	7.87	.....	1.60	0	9	16	9	6	s.	Allen Moody.
Batesville	Independence	277	22	55.6	+ 3.5	82	18	25	10†	44	6.41	+2.55	1.69	0	9	6	4	21	s.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	60.0[a]	+ 7.9	85[a]	17	24[a]	29	46[a]	7.35	+2.71	1.50	0	12	7	8	16	sw.	J. E. Scanlan.
Bentonville	Benton	1303	15	56.0	+ 8.7	85	18	24	28	38	9.50	+5.68	4.43	0	15	10	7	14	s.	U. S. Weather Bureau.
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	5.66	+1.95	1.85	0	9	8	6	17	s.	S. J. Howe.
Booneville	Logan	259	7	64.4	.....	87	17	28	29	33	3.99	....	1.26	0	12	15	7	9	sw.	Supt. Tubereulosis Sa
Brinkley	Monroe	226	39	61.7	+ 8.7	85	18	28	29	41	10.56	+5.14	3.21	0	10	14	7	10	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	57.2	.....	85	18	25	29†	52	6.50	+3.21	1.56	0	11	10	4	17	s.	J. M. Richardson.
Camden	Ouachita	158	35	60.9	+ 5.2	85	22	31	29	44	7.15	+2.10	2.21	0	8	4	16	11	sw.	A. B. Quarterman.
Centerpoint	Howard	470	24	62.8	+ 6.0	83	20	30	29	32	6.56	+1.74	2.61	0	5	7	12	12	se.	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	9.98	+5.76	2.48	0	13	7	7	17	s.	J. W. Bishop.
Conway	Faulkner	309	37	62.0	+ 9.4	88	17	28	29	33	6.68	+2.21	2.22	0	6	12	12	7	s.	E. E. Cordrey.
Corning	Clay	293	21	59.8	+ 9.6	89	26	25	29	41	5.79	+1.12	1.70	0	8	13	12	6	s.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	5.39	.....	2.09	0	8	17	0	14	s.	J. R. Avera.
Dardanelle	Yell	330	35	59.6	+ 7.5	88	18	31	29	35	6.60	+2.20	2.00	0	6	14	8	9	e.	F. E. Wieser
Dodd City	Marion	1175	39	57.2	+ 8.1	87	18	18	29	41	5.62	+1.64	2.41	0	8	6	21	4	s.	Neal Dodd.
Dumas	Desha	162	14	63.4	+ 6.4	87	21†	31	29	44	5.81	+0.80	1.60	0	14	7	20	4	.....	Ben. Johnson.
Dutton	Madison	1590	19	56.2	+ 8.5	83	17	18	29	39	6.99	+2.62	1.00	0	14	14	11	6	s.	J. M. Ricketts.
El Dorado	Union	265	17	65.6[c]	+ 9.7	88[c]	20†	28[c]	29	38[c]	5.16	+0.34	2.05	0	8	12[a]	4[a]	14[a]	sw.	Mrs. Virgil N. Walls
England	Lonoke	229	14	63.1	+ 8.5	86	18	30	29	38	8.93	+4.37	3.05	0	14	15	2	14	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	57.4	+ 7.0	85	18	21	29	40	9.37	+5.77	2.15	T.	10	11	15	5	sw.	George W. Nicholds
Fayetteville	Washington	1451	35	57.6	+ 8.4	84	20	22	29	43	6.04	+2.04	1.18	0	8	18	7	6	ne.	University of Arkans
Fort Smith	Sebastian	481	39	60.8	+ 9.5	87	17	30	29	34	3.81	+0.19	1.12	0	11	7	8	16	e.	U. S. Weather Bure
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	5.14	+0.68	2.20	0	7	10	5	16	s.	T. J Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	8.41	.....	2.00	0	8	16	3	12	e.	Cleve Bell.
Gillett	Arkansas	.....	3	62.0[c]	.....	85[b]	21	31[d]	29	34[d]	5.65	.....	1.45	0	11	15	8	8	s.	H. E. F. Beverburg.
Grannis	Polk	921	3	59.4	.....	82	17	29	29	35	3.78	.....	1.63	0	12	15	8	8	se.	Dr. F. C. Mullins.
Gravette	Benton	1250	23	56.2	+ 6.8	89	18	21	29	40	11.01	+7.58	5.55	0	13	9	7	15	sw.	A. F. Stevens.
Hardy	Sharp	643	24	57.7[a]	+ 8.1	84[a]	16†	22[a]	27†	44[a]	3.01	−1.24	1.00	0	6	16[b]	4[b]	9[b]	sw.	Mrs. D. S. Madden.
Helena	Phillips	445	3	.....	.....	.....	.....	.....	.....	.....	10.19	+4.15	1.98	0	13	11	2	18	s.	James A. Burnett.
Higden	Cleburne	377	49	63.0[a]	+ 7.8	87[a]	20	29[a]	29	40[a]	6.06	+0.84	3.26	0	5	13[a]	6[a]	11[a]	s.	Arthur Cross.
Hope	Hempstead	600	28	59.6	+ 6.4	78	22	30	29	36	7.21	+2.13	2.40	0	8	20	3	8	s.	N. P. O' Neal.
Hot Springs	Garland	.....	14	.....	.....	.....	.....	.....	.....	.....	7.72	+2.50	1.50	0	10	21	0	10	.....	A. & N. Gen. Hospit
Huttig	Union	345	26	61.5	+ 9.1	88	18	27	29	40	8.42	+3.98	2.02	0	14	15	11	5	s.	C. A Berry.
Jonesboro	Craighead	182	28	65.4	+ 8.6	87	20	32	29	39	6.04	+0.84	2.28	0	5	16	5	10	sw.	Benedictine Sisters.
Junction‡‡	Union	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Lowderback.
Little Rock	Pulaski	286	42	61.3	+ 8.6	84	18	30	29	40	7.03	+2.09	2.68	0	13	8	12	11	s.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	24	60.4	+ 8.6	85	17	26	29	34	5.73	+2.02	2.12	0	12	11	8	12	e.	H. Kauffeld.
Magnolia	Columbia	315	3	64.8	.....	85	21	31	29	35	6.27	.....	1.74	0	7	3	27	1	s.	State Agriculture Sch
Malvern	Hot Spring	277	38	62.4	+ 8.8	81	18†	30	29	38	7.59	+2.78	3.47	0	8	4	7	20	ne.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	16	58.6	+ 8.8	84	15†	23	29	45	5.87	+2.83	1.90	0	10	15	12	4	s.	W. S. Vincent.
Marianna	Lee	235	12	62.8	+ 8.8	85	21	29	29	34	8.26	.....	2.70	0	10	16	5	10	s.	W. K. Trousdale.
Marked Tree	Poinsett	229	16	58.2	.....	86	24	30	28†	46	7.10	+3.13	1.46	0	10	12	16	3	ne.	Charles Walton.
Marshall	Searcy	1083	6	60.4[a]	.....	85[a]	17†	24[a]	29	34[a]	7.67	.....	1.38	0	13	6	21	4	sw.	W. F. Reeves.
Mena	Polk	1284	33	61.0	+ 8.7	83	17	26	29	35	2.98	−2.08	1.27	0	14	10[a]	10[a]	10[a]	s.	E. W. St. John.
Mountain Home	Baxter	800	7	57.8	.....	85	15†	21	29	45	7.35	.....	2.15	0	12	13	4	14	s.	B. S. Halbert.
Mount Ida	Montgomery	730	23	61.1	.....	83	20	24	29	45	6.35	+1.78	2.25	0	7	10	11	10	sw.	G. A. Whittington.
Murfreesboro	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	4.92	.....	2.07	0	6	8	4	19	e.	Henry A. Davis.
Nail ††‡‡	Newton	2233	28	54.3	+ 5.4	80	17	19	29	33	5.79	+0.45	0.65	0	14	12	5	14	s.	Charles Paxton.
Newport	Jackson	231	37	61.2	+ 9.8	84	15†	29	29	39	8.70	+4.32	2.20	0	9	12	10	9	s.	George L. Robinson
Okay	Pope	1700	6	58.7[d]	.....	82[d]	17	21[d]	29	37[d]	9.17	.....	1.87	0	11	15[a]	3[a]	12[a]	s.	U. S. Forest Service
Osceola ††‡‡	Mississippi	240	21	60.2	+ 9.4	86	15	29	28†	46	7.17	+1.75	1.80	0	9	5	13	13	s.	Atwood P. Smith.
Ozark	Franklin	377	25	60.8	+ 6.9	88	17	28	29	39	3.69	−0.86	0.88	0	8	7[a]	8[a]	15[a]	sw.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	7.15	.....	2.10	0	7	11	1	19	s.	W. E. Baker.
Pine Bluff	Jefferson	215	37	63.0	+ 8.9	88	18	33	29	35	6.69	+1.56	2.36	0	9	13	7	11	s.	Roy F. Hammond.
Pocahontas	Randolph	300	29	63.1	+12.1	84	15	26	29	41	6.05	+1.47	1.60	0	9	7	15	9	sw.	Benedictine Sisters.
Portland	Ashley	122	15	66.0	+ 9.3	89	21	31	29	35	5.57	+0.18	1.21	0	11	10	17	4	sw	W. E. Edmiston.
Prescott ††‡‡	Nevada	327	39	63.4	+ 8.5	92	16	31	29	37	5.13	+0.71	2.00	0	3	13	11	7	s.	F. J. Johnson.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	7.92	+3.72	2.92	0	6	13	0	13	se.	Foote Coleman.
Rison	Cleveland	243	17	64.0	+ 9.6	88	22	29	29	36	6.06	+1.49	2.20	0	7	9	10	12	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	57.0	+ 8.5	87	18	22	29	38	7.12	+3.62	3.00	0	9	12	10	9	s.	Carl A. Starck.
Searcy	White	236	8	60.4	.....	84	18	28	29	38	9.05	.....	1.78	0	14	11	2	18	s.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	5.26	+1.08	2.30	0	6	6	10	15	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	62.7	+ 9.6	84	18†	30	29	34	8.90	+3.47	1.94	0	17	18	5	8	s.	H. A. Buerkle.
Subiaco	Logan	1050	24	62.6	+ 9.7	87	18	28	29	37	5.29	+1.45	1.58	0	11	15	11	5	w.	New Subiaco Abbey
Texarkana	Miller	332	39	66.6	+10.6	92	21	31	29	36	5.91	+1.97	2.00	0	5	12	10	9	s.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	61.3[b]	.....	88[b]	18	26[b]	25	38[b]	5.13	.....	1.35	0	9	14[b]	6[b]	9[b]	s.	U. S. Forest Service
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	3.47	.....	1.11	0	12	7	8	16	sw.	Dr. Cheves. Bevil.
Warren	Bradley	206	26	64.4	+ 9.1	85	21	31	29	34	4.57	−0.95	1.43	0	9	11	13	7	s.	J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	4.60	+0.74	2.80	0	3	4	7	20	se.	Miss Eulela M. Sch
Wynne	Cross	250	13	61.8	+11.0	85	15†	27	29	34	5.60	+1.54	1.30	0	10	18	2	11	sw.	J. M. Larkan.
State Means and Extremes				60.8	+ 8.3	92	21	18	29	52	6.58	+2.13	5.55	T.	9	11	8	12	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete
ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c],appe
in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Jun
Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for March, 1921.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita							T.	T.	.47			2 00	T.	1.75	T.		.23						.45		.30	.04			.85			6.09
Arkadelphia	do							.02		.60			3.00		1.85									.50					1.50				7.47
Arkansas City	Mississippi									1.56			1.05		.50								T.	T.	.03			1.63	T.		.75	5.52
Bald Knob	White						.75	.67					1.82		.76			.83					.07		1.25			1.60		.12		7.87
Batesville	do						T.	.07		.25			1.65		1.69					T.			.15	.30	.62			1.65				6.41
Bee Branch	Arkansas					T.	T.	.60				1.40	.80		1.50		.10	.60	T.	.35		.25	.10	.45			.20	1.00				7.35
Bentonville	do					T.	.01	.09	.03			.28		.19	.27	.01				.04	T.	4.01	.75	.51	.09	.96	.18	2.08					9.50
Bergman	White																																
Black Rock	do			.04					.39				1.85		.49			.09		T.			.21	.16	.80			1.63				5.66
Booneville	Arkansas		T.						.54			1.26	.23		.67		.15			.25		.02	.09	.15	.02			.02	.59				3.99
Brinkley	White						.12		1.78				2.86		.62	.12	.70		.16				T.		.58			3.21				10.56
Calico Rock	do					.21	T.		.54				1.42		.61				.11		.04	.03	.61	.02	1.35			1.56			.41	6.50
Camden	Ouachita								.86				2.00		1.20			.20						.46	.20			2.21	.02			7.15
Centerpoint	Little River								1.03			2.61	T.	2.11	T	T.				T.				.31	T.							6.56
Clarendon	White						.30		1.50				2.48		.66		.12	1.33	.47				.07	.08	.52			2.25	.02		.18	9.98
Conway	Arkansas						.21	.64				2.22							.76						.78		2.07					6.68
Corning	White							.25	.10				1.70					.04				1.40	.50	.20			1.60				5.79
Danville	Arkansas							.62	T				2.09		.80			.51	T.		.21		T.	.12	.52			.52				5.39
Dardanelle	do							.90				2.00		1.20							.40			.70			1.40					6.60
Dodd City	White						.23		.60						.53	.04		.04					2.41	.95				.82				5.62
Dumas	Arkansas						T.		.70	.75		.95	.26	.04	.49	T.	.02						.02		.09	.30		.32	1.60		.18	.09	5.81
Dutton	White						.09	1.00	.63			.90	.18	T.	.32			T.		.32	.05	.35	.60	.50	1.00			.47	.58				6.99
El Dorado	Ouachita							T.	.28			1.28	T.	.67	.41								T.	.20	.02			2.05	.25		T.		5.16
England	Arkansas		.05					.11	.61	1.13		3.05	.42		.90		.15		.13			.25	.08	T.	.13			.30	1.62			T.	8.93
Eureka Springs	White						.30					.30			.50	T.				.12		2.10	2.15	.35	1.05			1.73	.77				9.37
Fayetteville	do						T.	T.	T.			.42			.43						•	.89	1.18	.30	.25			1.70	.87				6.04
Fort Smith	Arkansas		T			.08			.40			1.12		.22				T.		.19		.15	.28	.37	.11		.01	.88	T.				3.81
Fulton	Red								.23	.45			2.20		.58			.12						.16	T				1.40				5.14
Georgetown	White									1.00			1.58		.72		.25		1.66					.20	1.00				2.00				8.41
Gillett	Arkansas								.70	.52		1.15			.54		.12						.20			.01		.80	1.45		.01	.15	5.65
Grannis	Red						.62	.06	.44			1.63		.34			T.			.07	T.		.07	.06	.12	.01	T.	.11	.25				3.78
Gravette	White					T.	.04	T.	.32			.57	.04	T	.44	.10						5.55	.21	.65		.49	1.85	.70				11.01
Hardy	do								.40			.31									.20	.60	.50			1.00						3.01
Helena	Mississippi						.86		1.84				1.46		.56		.01	1.86	.10				.28	.46	.20	.12		1.98			.46	10.19
Higden	White					T.		.47				1.11	.65		.66				.24				.28	.07	.24			1.12				4.84
Hope	Red							.82				3.26			.25								.35					1.38				6.06
Hot Springs	Ouachita						.58					1.95	.45		1.10								.40		.28	.05		2.40				7.21
Huttig	do							.70	.20			.60	.20	1.50	.50													1.42	1.40		.40	.80	7.72
Jonesboro	White						.04	.37	.76			.76	1.20	.02				.18			T.		.34	.47	.79			1.03	2.02		.10	.34	8.42
Junction	Ouachita		T.				.32					2.10		.72								T.						2.28			.62		6.04
Little Rock	Arkansas						.02	.41				2.68		.93	.03		.91	.05	.06			.22	.06	T.	.42			.89	.40		T.		7.03
Lutherville	do							.75				.54	.41		2.12				.20	.26		.08	.16	.50	.13			.05	.53				5.73
Magnolia	Red									1.17		1.52		.98	.42		.02							.42				1.74				6.27
Malvern	Ouachita						.20						3.47		1.10		.10	.20					T.	.32	.10			2.10				7.59
Mammoth Spring	White							.68				.10	.95		.32							.11	1.90	.43	.65			.08	.65				5.87
Marianna	Mississippi					.15		2.60				1.44		.47			.24	.06					11	.25				2.70			.24		8.26
Marked Tree	St. Francis									1.45			1.46		.18			.03		.03		.30	1.15			1.95		.35			.20	7.10
Marshall	White					.12	.07	1.08				.82	.46		.72		.46		T.			.08	.32	1.04	1.38	.04		T	1.08				7.67
Mena	Ouachita					.02		.67				1.27	.02	.06	.13	T.	.04			.21			.02	.11	.11	.01		.01	.30				2.98
Mountain Home	White					.08		1.25				.78	.43		.36		.10			T.		.21	2.15	.58	.30			.06	1.05				7.35
Mount Ida	Ouachita					.08		.54				2.20								.51			.16		.61				2.25				6.35
Murfreesboro	do				.76								2.07		1.37			.36						.29	.01							4.92
Nail	White					T	.50	T.	.65			.50	.15		.50				.36	.20	.10	.40	.52	.58	.44			.39	.50				5.79
Newport	do									.61			1.95		.80				1.84				.10	.14	.97				2.20			.09	8.70
Okay	Arkansas								.60			1.86			1.87		.02		1.20	1.40		.05	.17	.39	.27			1.34				9.17
Osceola	Mississippi		T.				T.		1.30			1.05		.15				.45				T.	.40	1.20	.47		1.80		.35		7.17
Ozark	do					.05			.69			.88	.32		.55				T.			T.	.57	.38			.25				3.69
Patterson	White									1.20			2.10		.80									.40	1.02			1.40			.23	7.15
Pine Bluff	Arkansas							.08		1.10			2.36		1.02		T.							.55	.29		.05	1.12			.12	6.69
Pocahontas	White		.15						.25			1.60			.30			.15				1.10	.65	.35			1.50				6.05
Portland	Ouachita							.25	.91			.05	.75	.05	.51										.10	.38		1.11		.25	1.21	5.57
Prescott	do											2.00		1.43																		5.13
Princeton	Ouachita									1.10			2.92		1.50									.40	.10			1.70				7.92
Rison	do							1.29				2.20		.95									.23		.22			1.90				6.06
Rogers	Arkansas						.03					.41		T.	.44													1.05			.12	7.12
Searcy	White					T.	.05	.23	.30			1.50	.61		.86			.03	1.67			.01	.17	.05	1.70			1.78		.09		9.05
Springbank	Red								.49				1.15		.30								.30	.72	T.			2.30				5.26
Stuttgart	Arkansas						.84	.46	.81			1.94	.95		.66		.61		.12				.83	.02	.28	.03		.28	1.30	.01	.04	.22	8.90
Subiaco	do					T.			.60			1.58	.32		1.42		.11			.15		.09	.13	.26	.03			.60				5.29
Texarkana	Red								1.06			2.00		.40									.75				1.70					5.91
Umphers	Arkansas						T	.20	.98			1.35	.40		.55		.06	T.		.57				.12				.90				5.13
Waldron	do		.02				T.	.02	.74			1.11		.16			T.			.14		.04	.05	.36	.26	.03	T.		.54				3.47
Warren	Ouachita								.03	.87		.57	.41	T.	.74	T.							.03		.06			.43	1.43				4.57
Whitecliffs	Red									1.00			2.80		.80																	4.60
Wynne	St. Francis							T.	1.10	.30		.50	.70		.30				1.30				T.	.10	.50			.10	.70				5.60

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. ** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for March, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.4	7.6	7.2	7.1	6.4	6.1	5.9	6.1	6.1	5.9	5.9	6.9	8.7	9.1	10.4	9.1	7.9	7.2	6.7	6.2	6.0	6.0	14.1	21.3	22.8	20.0	17.7	15.9	18.8	21.0	19.8
Dardanelle	do	20	9.8	7.6	6.3	5.6	5.3	4.9	4.6	4.4	4.7	4.7	4.4	6.3	7.8	9.7	9.6	9.8	8.8	7.8	7.0	6.2	5.8	5.4	5.0	13.7	19.9	20.6	18.3	16.5	15.4	17.5	19.5
Little Rock	do	23	12.0	10.8	9.5	8.0	6.9	5.9	5.2	4.8	4.5	4.8	5.1	6.0	8.5	10.4	11.5	13.0	12.7	12.0	10.8	10.1	9.1	8.3	7.3	6.6	13.1	18.8	19.2	18.2	17.2	16.5	17.5
Pine Bluff	do	25	16.2	14.9	13.8	12.8	12.1	11.4	10.8	10.2	10.1	9.6	9.5	11.1	12.0	14.6	15.0	15.9	16.7	16.6	15.5	14.7	13.8	13.0	12.1	11.5	11.4	19.0	21.4	22.5	20.3	19.0	19.0
Black Rock	Black	14	7.0	6.2	6.0	6.0	5.8	5.6	5.4	5.0	5.0	6.0	5.6	6.0	10.6	11.0	11.0	10.5	9.8	9.0	8.9	8.7	8.0	8.0	15.4	18.4	20.0	20.0	19.6	20.0	21.6	21.0	20.6
Calico Rock	White	18	3.9	3.9	3.4	3.1	2.8	2.6	2.5	2.4	4.7	3.7	3.4	5.3	5.9	5.7	6.3	5.3	4.8	6.0	5.3	5.0	4.6	7.1	22.5	25.6	24.6	19.9	15.2	14.5	17.5	18.0	17.0
Batesville	do	23	10.5	10.1	9.9	9.6	9.2	8.9	8.8	8.5	9.4	10.5	9.9	11.3	13.2	14.9	13.8	13.1	12.2	11.7	12.1	11.6	11.1	10.6	21.9	29.3	31.3	30.0	25.6	23.5	23.6	25.0	25.0
Newport	do	26	11.1	10.6	10.2	9.4	9.0	8.6	8.1	7.6	7.4	7.1	7.1	8.4	10.1	12.6	13.1	13.2	13.9	14.0	14.2	13.6	13.1	12.4	12.9	21.1	25.2	27.8	28.8	28.7	28.4	28.4	28.6
Georgetown	do	22	17.0	16.6	16.0	15.4	14.8	13.8	12.8	12.0	11.6	11.0	11.0	12.8	15.6	17.4	18.6	19.5	19.8	20.0	20.2	20.2	20.0	19.8	19.6	19.3	19.8	20.2	21.0	22.4	24.0	24.8	25.2
Clarendon	do	30	24.3	24.4	24.5	24.1	24.3	24.2	24.0	23.7	23.5	23.2	22.8	23.0	23.3	23.6	23.9	24.2	24.8	25.2	25.6	25.9	26.0	26.1	26.2	26.2	26.2	26.1	26.1	26.2	26.4	26.8	27.5
Helena	Mississippi	42	30.0	28.9	28.0	27.0	26.4	25.7	25.2	24.5	24.1	23.8	23.8	24.5	25.9	28.0	30.2	32.0	33.4	34.3	34.9	35.1	35.2	35.1	34.8	34.2	33.4	32.4	31.5	31.1	31.1	31.3	32.1
Arkansas City	do	42	36.9	36.5	36.2	35.5	34.7	33.9	33.2	32.4	31.7	31.1	30.4	30.4	30.6	31.5	32.8	34.4	36.0	37.1	38.0	38.7	39.3	39.6	39.7	39.7	39.6	39.3	39.1	39.3	39.4	39.4	39.6
Camden	Ouachita	49	21.3	18.8	16.0	14.8	12.7	11.9	10.0	9.8	9.8	10.7	12.0	14.5	22.0	27.3	30.5	33.0	34.9	34.9	34.0	32.8	31.5	29.9	28.0	25.5	23.0	21.0	19.3	18.8	19.5	23.7	26.3
Danville	Petit Jean	20	17.5	14.2	11.1	9.7	8.2	7.1	6.4	5.7	4.1	6.2	5.0	16.4	20.7	21.3	21.9	21.5	18.2	15.4	12.1	10.2	7.9	8.2	8.0	9.7	8.2	7.0	6.5	6.8	7.2	6.4	6.0
Fulton	Red	28	20.0	18.9	17.2	15.8	14.5	13.6	13.1	12.7	12.5	12.6	12.8	14.6	16.8	19.3	21.3	21.9	21.5	21.8	19.8	18.9	17.7	17.7	15.7	16.4	15.3	14.7	14.4	15.4	15.6	15.8	16.5
Arkadephia	Ouachita	18	4.7	4.2	3.7	3.2	2.8	2.4	2.3	2.6	2.7	3.1	2.9	12.4	13.6	13.4	11.9	7.7	6.0	5.3	4.6	4.1	3.9	4.0	4.2	3.3	3.5	4.3	3.5	4.5	12.5	7.0	4.9
Patterson	Cache	9	8.8	8.5	8.4	8.2	8.1	8.1	8.2	8.2	8.3	8.2	8.2	8.7	8.9	9.1	9.2	9.2	8.9	8.8	8.7	8.6	8.6	8.6	8.7	8.8	9.1	9.2	9.2	9.3	9.4	9.3	9.3

Daily Temperatures for March, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	69	77	73	74	74	73	72	80	60	59	65	55	73	81	78	77	75	83	83	76	83	83	53	67	78	79	80	68	54	58	68	71.5
	Minimum	30	38	43	32	32	41	57	59	47	30	34	42	43	43	50	51	59	56	56	64	65	50	47	49	40	44	64	39	27	30	42	45.3
Batesville §§	Maximum	71	74	66	69	74	71	70	65	58	59	57	67	75	81	78	60	78	82	79	80	76	49	63	76	78	70	75	43	45	62	51	67.8
	Minimum	27	32	47	30	30	51	56	57	42	25	27	43	41	41	52	55	54	52	54	65	69	43	42	47	41	42	46	35	25	27	43	43.3
Bee Branch	Maximum	75	75	69	71	75	72	77	72	....	68	58	68	78	78	82	75	85	84	80	82	77	54	54	73	79	79	78	77	56	67	62	72.7
	Minimum	36	50	45	33	47	57	56	55	....	28	39	50	46	56	52	55	53	55	60	62	51	40	44	51	42	61	64	31	24	34	41	47.3
Bentonville	Maximum	71	70	63	71	69	72	73	68	49	59	63	71	68	75	80	75	82	85	72	77	59	45	58	65	75	74	69	38	54	63	52	66.6
	Minimum	39	51	40	44	57	45	45	38	34	31	48	50	52	54	57	48	54	58	64	59	38	38	45	51	50	62	31	25	24	40	33	45.3
Booneville	Maximum	77	72	70	75	73	79	78	75	65	63	60	71	76	80	82	78	87	85	79	84	79	59	60	72	82	82	79	55	56	72	67	73.3
	Minimum	41	58	52	50	60	65	55	58	43	36	49	51	55	60	64	59	56	66	65	65	56	45	46	57	49	65	54	33	28	40	42	52.6
Brinkley	Maximum	78	76	67	74	76	70	81	71	59	64	64	73	80	80	83	74	82	85	83	84	82	65	60	82	82	82	83	70	57	64	60	73.9
	Minimum	41	55	48	33	41	58	60	53	42	31	41	51	49	57	58	54	55	58	64	65	62	45	46	55	44	62	63	34	28	34	44	49.5
Calico Rock §§	Maximum	77	76	65	72	75	72	77	67	54	60	60	63	76	82	84	61	79	85	78	82	63	48	61	74	81	80	81	44	55	77	60	70.0
	Minimum	32	33	45	33	36	57	50	52	41	28	29	49	42	44	55	52	51	55	55	66	63	41	42	46	42	42	67	33	25	25	44	44.4
Camden	Maximum	78	75	71	74	76	77	80	68	57	65	59	73	80	80	76	77	80	82	81	84	85	57	69	79	81	82	81	54	58	65	64	73.2
	Minimum	34	46	49	35	36	42	61	63	52	32	34	43	47	48	54	56	61	60	60	63	65	55	51	51	46	48	66	41	31	32	45	48.6
Centerpoint	Maximum	75	75	72	74	75	75	80	75	59	62	56	63	71	78	76	81	81	80	81	83	84	76	66	80	81	81	78	67	55	65	63	73.2
	Minimum	45	52	55	42	47	52	65	52	42	35	49	51	52	54	58	66	62	62	63	63	62	50	50	62	46	65	64	43	30	42	48	52.5
Conway	Maximum	73	76	69	75	77	74	81	73	59	63	57	69	79	82	82	76	88	87	78	84	75	55	60	77	83	83	84	70	58	68	61	73.4
	Minimum	41	52	50	36	52	59	61	58	44	30	42	49	48	60	56	60	56	59	64	64	54	45	48	58	45	65	68	37	28	37	46	50.7
Corning	Maximum	74	74	70	68	77	69	79	74	59	61	67	67	74	77	83	77	74	84	81	82	78	49	52	74	80	89	76	62	49	62	60	71.0
	Minimum	33	52	42	32	54	61	57	59	41	28	42	53	46	55	60	49	50	55	64	69	47	41	48	51	45	65	62	33	25	37	45	48.5
Dardanelle	Maximum	70	68	68	76	72	76	75	75	64	57	56	64	63	83	75	75	80	88	79	84	76	52	58	69	78	81	81	45	50	62	61	69.7
	Minimum	39	55	51	40	56	61	59	57	45	31	45	51	40	51	50	60	57	60	60	64	52	45	48	57	43	61	39	40	31	40	46	49.5
Dodd City	Maximum	75	77	68	74	73	75	76	72	67	60	58	63	76	79	84	82	81	87	84	81	79	44	51	69	80	78	76	49	54	67	65	71.1
	Minimum	35	44	37	35	43	53	44	54	34	25	43	49	45	53	51	47	48	50	63	61	39	36	42	50	39	61	48	26	18	34	31	43.2
Dumas	Maximum	78	79	70	71	75	74	82	71	61	63	63	75	80	83	85	75	79	86	82	86	87	71	68	83	87	82	84	64	48	69	62	74.9
	Minimum	44	55	37	36	45	57	60	60	48	33	42	56	48	60	57	61	64	62	63	66	64	53	51	63	43	62	64	39	31	37	47	52.0
Dutton	Maximum	71	70	67	70	69	73	73	68	60	57	59	71	79	77	78	75	83	82	74	77	73	52	52	68	75	75	71	43	53	65	59	68.4
	Minimum	32	46	41	34	50	56	49	53	35	22	41	47	46	52	51	54	55	54	60	62	48	38	44	48	38	59	40	26	18	35	34	44.1
El Dorado	Maximum	80	78	76	76	78	....	83	76	....	66	64	78	81	84	77	82	78	86	87	88	88	82	75	83	85	84	83	54	60	73	....	78.0
	Minimum	50	55	55	38	46	....	60	59	....	30	44	59	52	59	58	65	65	62	62	64	65	55	51	64	49	65	54	32	28	42	....	53.1
England	Maximum	79	75	70	73	78	73	82	75	66	64	60	72	80	82	81	80	82	86	82	85	79	67	61	82	83	83	84	67	58	63	61	74.6
	Minimum	44	51	52	37	49	60	60	60	47	34	43	54	51	59	59	52	56	63	60	65	65	49	49	57	45	63	65	38	30	37	48	51.7
Eureka Springs	Maximum	72	72	67	72	72	75	76	70	53	62	67	71	71	78	79	73	83	85	78	80	77	44	57	66	77	77	73	43	58	65	55	69.0
	Minimum	43	56	38	45	59	54	45	45	31	30	48	49	48	52	61	46	50	59	63	61	37	37	42	53	50	61	41	25	21	37	32	45.9
Fayetteville	Maximum	76	72	65	63	76	74	75	71	53	64	67	71	74	76	80	76	77	83	78	84	76	48	56	66	75	74	55	56	59	64	57	69.1
	Minimum	33	56	41	47	44	58	45	51	32	28	49	51	53	53	61	51	51	62	62	65	38	38	44	53	48	49	45	25	22	40	33	46.1
Fort Smith	Maximum	77	72	69	75	71	77	79	72	55	63	55	69	71	80	82	79	87	85	77	82	76	53	58	68	81	78	73	46	55	69	57	70.7
	Minimum	44	56	52	46	58	54	52	48	41	35	48	52	54	59	61	60	57	66	66	71	49	47	47	54	49	64	39	34	30	40	42	50.8
Gillett	Maximum	77	76	70	70	74	73	79	74	60	62	62	73	79	80	82	73	77	81	....	83	85	71	68	89	80	....	82	67	56	64	59	73.0
	Minimum	....	45	54	36	46	48	60	59	47	35	43	56	51	59	58	60	56	61	....	63	53	51	50	60	47	....	62	....	31	38	48	51.0
Grannis	Maximum	74	73	73	72	70	75	77	71	57	61	55	64	75	76	77	80	82	80	74	81	81	71	61	78	76	79	76	54	55	67	60	71.1
	Minimum	39	58	48	42	49	57	58	54	41	30	41	44	44	58	50	64	59	53	47	52	49	52	49	45	49	49	48	37	29	41	39	47.6
Gravette	Maximum	72	73	73	72	76	73	74	70	51	61	62	70	69	77	79	76	81	89	76	78	77	46	55	65	71	74	69	40	55	64	53	68.4
	Minimum	34	35	36	39	59	49	44	48	33	27	49	49	52	48	51	48	49	57	64	65	37	39	44	53	44	63	35	26	21	32	33	44.1
Hardy	Maximum	76	75	76	72	78	73	80	76	66	62	65	67	77	83	75	84	82	82	84	48	52	75	82	....	81	67	52	67	52	67	61	71.3
	Minimum	36	46	43	29	52	58	50	56	48	24	42	53	41	56	49	52	65	66	45	38	45	50	38	....	64	50	22	30	22	32	42	44.1
Hope	Maximum	75	74	70	69	75	75	78	78	60	63	55	69	69	78	79	81	84	....	81	87	81	84	70	80	81	84	83	80	57	66	65	74.4
	Minimum	46	56	53	38	42	62	63	59	46	30	44	54	48	59	58	58	64	....	51	65	60	54	50	61	46	65	64	40	29	42	49	51.5
Hot Springs	Maximum	70	69	69	69	69	70	73	72	58	55	55	57	65	68	70	71	73	73	72	75	77	78	61	72	71	76	76	75	50	62	63	68.2
	Minimum	51	45	41	41	52	57	55	57	46	35	40	50	52	50	54	62	57	65	65	66	62	45	45	57	46	64	68	39	30	41	47	51.1
Jonesboro	Maximum	75	75	69	69	78	70	82	76	64	60	65	70	77	78	85	76	78	88	86	84	78	52	53	77	82	82	84	74	51	59	59	72.8
	Minimum	39	59	47	36	54	61	60	59	43	34	41	54	49	58	57	51	53	56	64	68	49	43	47	53	48	64	68	34	27	31	45	50.2
Junction	Maximum	72	69	70	72	71	73	79	63	72	75	74	81	82	86	79	80	82	85	86	87	86	77	81	83	85	86	85	73	64	72	64	77.2
	Minimum	50	44	46	50	52	54	60	44	33	44	58	56	58	64	60	61	62	61	62	63	65	58	47	55	51	62	63	50	32	43	50	53.5
Little Rock	Maximum	75	73	67	72	75	72	80	71	59	60	56	67	76	75	77	70	80	84	80	83	78	50	59	79	80	81	81	47	51	64	59	70.4
	Minimum	47	57	53	45	51	61	63	58	45	40	48	53	54	60	60	58	57	63	63	69	49	45	47	58	52	65	41	37	30	43	47	52.2
Lutherville	Maximum	75	70	68	73	71	71	77	72	61	60	55	71	75	78	82	75	85	84	76	80	76	51	52	68	80	79	79	68	52	69	62	70.8
	Minimum	45	57	47	41	55	60	51	55	41	35	45	50	55	55	58	59	54	58	62	63	46	41	45	51	48	63	68	34	26	37	41	49.9
Magnolia	Maximum	75	74	73	74	74	78	80	76	64	65	62	71	76	80	78	80	76	82	80	84	85	81	72	79	82	82	82	74	58	67	64	75.2
	Minimum	48	55	57	39	48	62	61	58	50	32	45	55	54	58	60	66	64	63	63	66	66	53	51	65	49	65	67	40	31	45	51	51.4
Mammoth Spring	Maximum	75	75	72	70	75	72	78	76	62	60	65	65	76	79	84	82	73	84	79	81	78	48	51	72	81	78	79	64	52	66	63	71.5
	Minimum	30	44	41	30	52	57	49	56	37	25	41	49	50	55	49	48	45	51	63	66	45	40	46	50	40	65	64	30	23	32	42	45.6
Marianna	Maximum	75	76	68	67	74	70	78	70	60	60	64	71	77	79	82	75	74	84	84	82	85	81	84	79	79	80	82	74	62	58	58	74.0
	Minimum	41	50	51	35	47	56	58	58	44	33	42	55	50	58	58	55	52	58	63	65	65	60	59	56	47	62	63	52	29	31	46	51.7
Marked Tree §§	Maximum	77	77	66	64	69	77	75	76	51	63	69	74	68	59	66	78	83	81	84	82	62	83	86	85	81	84	49	56	60	59	59	71.0
	Minimum	33	38	51	52	37	38	55	34	41	35	41	46	50	57	46	50	49	55	67	36	37	53	58	65	67	46	36	30	25	[illegible]	39	45.1
Marshall	Maximum	74	73	67	73	72	75	76	72	62	62	63	67	75	82	84	84	85	80	....	85	75	45	56	73	80	78	77	52	58	71	61	71.2
	Minimum	42	58	43	47	58	60	52	57	38	33	49	52	52	56	64	56	60	64	....	67	43	40	44	52	52	62	52	30	24	40	40	49.0
Mena	Maximum	75	71	65	73	72	74	77	70	57	64	55	70	77	79	76	80	83	82	72	80	75	62	58	75	80	78	78	54	60	69	61	71.0
	Minimum	45	57	50	40	53	60	59	55	40	30	48	48	49	57	58	65	63	61	62	66	62	47	48	58	45	62	53	35	26	39	41	51.0
Mountain Home	Maximum	78	77	66	75	75	74	78	73	62	63	60	64	77	82	85	76	74	79	75	85	83	46	52	72	80	78	75	45	53	68	62	70.7
	Minimum	33	48	40	35	53	55	41	55	35	25	44	51	46	54	53	48	46	64	60	63	40	38	43	51	40	63	43	28	21	[illegible]	38	44.8
Mount Ida	Maximum	77	75	69	75	74	75	80	74	58	64	56	74	79	80	79	76	80	80	79	82	82	75	61	78	81	80	82	70	57	68	62	73.0
	Minimum	35	52	41	30	48	62	60	52	35	25	42	52	43	51	49	63	60	58	59	68	65	46	48	51	37	65	65	39	24	35	46	48.0
Nail	Maximum	68	68	62	57	56	69	69	67	57	55	53	66	67	75	76	71	80	78	72	74	70	43	49	63	73	72	69	41	49	61	57	64.
	Minimum	48	54	40	41	40	51	54	51	35	36	44	49	48	53	57	50	52	58	57	59	37	35	40	47	48	45	41	24	19	33	33	44.
Newport	Maximum	75	77	71	69	76	70	80	77	55	60	75	72	69	79	84	79	80	84	80	79	77	55	51	78	81	80	82	74	52	62	60	72.
	Minimum	38	57	46	35	50	62	63	43	43	31	47	43	53	57	58	55	57	61	65	57	55	45	47	52	48	65	69	35	29	40	45	50.
Okay	Maximum	71	70	65	68	72	70	74	70	....	....	....	69	73	75	76	70	82	81	74	76	74	43	50	60	75	....	75	42	50	63	55	67.
	Maximum	47	65	42	64	64	56	61	54	....	....	....	33	51	53	69	55	52	61	59	65	41	38	42	....	60	....	38	29	21	33	39	49.
Osceola	Minimum	75	76	66	68	75	70	80	76	62	64	69	74	79	72	86	76	80	84	81	81	76	66	66	78	81	82	82	72	61	62	60	73.
	Minimum	40	46	35	46	49	58	58	45	35	35	42	49	49	57	52	52	52	62	65	67	44	41	50	47	47	62	36	29	29	34	35	46.
Ozark	Maximum	78	74	74	76	72	79	80	74	70	68	60	67	74	82	84	78	88	87	84	82	76	56	56	72	80	81	78	53	47	71	62	73.
	Minimum	40	41	42	41	65	60	51	42	41	40	33	46	52	49	59	64	59	60	58	55	50	45	45	54	50	45	60	37	28	40	42	48.
Pine Bluff	Maximum	79	78	65	71	78	75	76	62	61	61	61	73	81	83	82	77	82	88	86	87	86	68	64	82	83	84	83	52	55	61	54	73.
	Minimum	44	54	54	40	48	57	56	48	47	37	36	55	53	56	59	61	59	62	65	66	65	50	51	54	61	63	64	39	33	39	49	52.
Pocahontas	Maximum	74	74	73	68	76	71	79	75	60	63	66	70	77	79	84	80	75	83	83	82	78	50	52	77	80	80	76	66	54	65	63	72.
	Minimum	33	52	41	32	51	60	53	59	41	29	40	52	48	56	55	49	50	54	66	68	50	40	47	50	48	64	66	33	26	33	45	48.
Portland	Maximum	80	80	73	74	78	77	83	84	66	66	69	72	82	85	80	85	81	87	82	88	89	75	75	85	84	85	86	78	56	75	60	78.
	Minimum	46	55	59	40	45	56	58	60	50	38	45	56	51	59	58	66	63	62	62	65	64	57	54	61	49	61	66	41	32	40	48	53.
Prescott	Maximum	77	75	71	74	73	74	81	89	66	58	60	68	62	85	89	92	83	82	82	86	87	83	70	81	62	60	86	82	62	68	69	75.
	Minimum	45	51	56	37	48	62	63	59	49	34	45	58	39	59	44	57	61	49	63	60	63	48	50	51	46	51	68	55	31	41	50	51.
Rison	Maximum	72	78	78	70	74	77	74	80	68	66	64	69	76	86	81	81	74	82	86	81	87	88	58	77	82	85	81	84	52	58	59	75.
	Minimum	44	53	54	37	40	55	65	62	50	39	41	54	56	59	58	66	56	60	68	66	65	52	50	52	47	64	68	45	29	39	44	52
Rogers	Maximum	73	76	63	72	72	75	74	74	51	60	65	73	70	76	80	75	84	87	76	80	75	45	57	65	76	76	72	39	55	65	56	68.
	Minimum	33	52	42	35	56	55	43	46	33	25	49	52	51	53	57	49	59	52	64	60	37	37	44	54	46	58	38	27	22	39	34	45.
Searcy	Maximum	76	74	68	70	76	71	79	71	58	61	59	74	78	79	81	74	82	84	78	82	79	54	55	76	81	80	75	72	53	54	62	71.
	Minimum	38	52	47	35	45	61	59	57	44	32	41	53	47	56	52	56	55	56	64	67	54	44	46	54	45	63	67	35	28	34	45	49.
Stuttgart	Maximum	77	77	70	70	75	72	80	73	63	59	61	70	78	80	81	74	79	84	81	83	84	70	61	80	79	81	82	68	53	59	59	73.
	Minimum	43	54	48	37	46	58	57	60	46	35	41	53	53	59	58	57	56	63	64	65	64	49	49	58	69	62	67	37	30	36	47	52.
Subiaco	Maximum	77	72	70	77	73	79	80	75	64	64	59	72	76	81	84	76	86	87	79	85	79	53	60	70	83	82	80	61	57	73	66	78.
	Minimum	42	57	49	41	58	62	55	59	44	33	46	52	52	58	66	60	56	61	65	65	52	44	47	57	46	65	60	37	28	39	43	51.
Texarkana	Maximum	85	78	85	77	84	83	88	83	71	71	61	71	72	84	85	89	84	86	84	87	92	76	74	74	83	83	80	63	65	68	73	73.
	Minimum	53	58	55	43	55	50	63	59	48	35	50	52	52	60	60	65	66	64	64	64	65	57	52	52	50	60	63	44	31	45	52	54.
Umphers	Maximum	78	78	75	74	78	74	80	83	67	62	64	69	78	79	80	81	86	88	81	....	85	65	59	73	80	79	....	48	57	67	70	73
	Minimum	40	46	48	41	44	62	51	47	42	35	48	50	52	57	57	59	57	62	62	....	59	42	45	57	49	63	....	35	26	38	43	48.
Warren	Maximum	77	76	71	71	76	76	80	76	63	63	61	72	80	81	76	77	81	84	80	84	85	79	70	81	82	82	82	67	57	69	63	74.
	Minimum	46	55	55	37	46	61	62	63	50	33	44	56	52	60	58	68	60	60	64	66	65	55	52	62	49	64	67	40	31	41	47	53
Wynne	Maximum	76	78	72	69	71	72	81	71	54	63	65	75	80	80	85	77	83	85	80	84	85	56	58	79	82	82	83	58	55	61	58	72.
	Minimum	43	57	48	37	52	59	61	46	44	34	42	54	53	58	59	56	58	59	64	67	55	46	48	56	48	64	56	36	27	35	46	50

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVI. LITTLE ROCK, ARK., APRIL, 1921. No. 4.

GENERAL SUMMARY.

The cold, rainy weather of March continued throughout most of April, a hard freeze occurring in the northern portion of the State on the 17th, freezing temperatures extending to the southern tier of counties. The weather was generally unfavorable for crops, corn and cotton in many localities having to be replanted. The berry crop was injured by the rain and cold weather and the lowlands were flooded the latter part of the month. Little fruit will be harvested in the northern half of the State on account of the late freeze.

During the afternoon and evening of April 15th, four tornadoes occurred in Arkansas. The most destructive of these started at Mineola, Wood County, Texas, at 12:45 p.m. with a funnel-shaped cloud, rotary winds, and a destructive path about 100 feet wide. This storm moved northeastward, increasing in intensity and size and crossed the Arkansas-Texas line at a point eight miles south of Texarkana about 4:00 p.m. Moving northeastward across Miller County, killing 16 people and doing property damage estimated at $175,000.00, the tornado crossed the Miller-Hempstead County line at Buzzards Bluff and continuing in a northeastly direction, cut a swath, varying in width from one-fourth to one and one-half miles. through the center of Hempstead County, Water Creek Church, Dolph, Jackajones, Marlbrook, and the Wallaceburg communities being the center of its fury. In Hempstead County 34 lives were lost and property damage estimated at near $1,000,000.00 sustained. Passing out of Hempstead County near the northeast corner, it struck the Mount Pisgah settlement about 5:30 p.m. killing one person. After passing Pisgah the storm abated and no further evidence of a twisting storm was found. At points precipitation was heavy and hail occurred on the north side of the path. Following the storm there was a decided drop in temperatures and a cold night added to the suffering of the injured.

Starting at 3;30 p.m. another smaller and less destructive tornado occurred in Yell and Pope counties which killed five people and did property damage estimated at $60,000.00. At 8:18 p.m. Marche, Pulaski County, was struck by a tornado and at 8:45 p.m. at Wrightsville, Pulaski County, still another occurred. In Pulaski County no people were killed, the property damage being estimated at $12.500.00.

Small tornadoes were also reported at Carlisle and Gould on the morning of the 26th, damage being estimated at $20,000.00 with no loss of life.

W. C. H.

TEMPERATUER.

The mean temperature for the month of April was 59.8° which was 1.1° below normal, practically all stations showing negative departures. The highest monthly mean was 66.8° at Huttig, Union County; the lowest, 54.0°, at Nail, Newton County. The lowest temperature recorded during the month was 22° at Nail on the 8th; the highest 91° at Huttig on the 27th. In some sections the lowest was recorded on the 11th, but in most sections the extreme came near the 17th and 27th. The greatest daily range was 46° at England, Lonoke County, on the 19th.

PRECIPITATION.

The monthly precipitation averaged 8.87 inches which is 3.02 inches above normal, an excess being measured at practically all stations. The greatest monthly total was 12.52 inches, measured at Conway, Faulkner County; the least, 4.54 inches, at Bentonville, Benton County. The greatest amount measured in 24 consecutive hours was 6.41 inches at Conway on the 26th. The average number of rainy days was nine.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement, miles.	Maximum velocity.	Direction.	Date.	Relative humidity 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	29.98	30.63	10	29.44	21	5,355	32	s.	20	76	.....	63
Fort Smith...	29.98	30.64	10	29.50	22	6,266	34	w.	25	79	57	60
Little Rock..	30.01	30.58	10	29.44	22	7,336		s.	6	80	60	65

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 5th, 3; 6th, 13; 7th, 10; 8th, 2; 10th, 1; 12th, 1; 13th, 8; 14th, 20; 15th, 2; 16th, 4; 20th, 1; 21st, 11; 22d, 6; 24th, 1; 25th, 17; 26th, 12; 27th, 3; 28th, 4; 29th, 1; 30th, 2.

Solar Halos:— 9th, 1; 12th, 1.

Lunar Halos:— 20th, 1.

Dense Fog:— 6th, 1; 8th, 2; 14th, 1.

Light Hail:— 8th, 1; 12th, 1; 13th, 2; 15th, 8; 16th, 1; 25th, 2; 26th, 1; 27th, 1; 28th, 5; 29th, 1.

Moderate Hail:— 15th, 3.

Killing Frost:— Killing frost or freezing temperature on several dates in north portion, on 17th or 18th, in practically all sections except extreme south.

Corrections

February- Amity, mean temperature should be 46°; Dumas, mean temperature should be 50.6°; Marshall, total precipitation should be 4.84; Prescott, number of days with .01 or more should be 8.

COMPARATIVE DATA FOR ARKANSAS---- APRIL.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	62.8	+0.2	93	22	2.75	−1.87	15	10	5	8
1892.....	61.4	−1.7	97	22	6.98	+2.30	12	9	9	10
1893.....	64.9	+1.8	94	29	7.16	+2.48	11	10	9	8
1894.....	63.1	0.0	91	29	6.18	+1.50	14	8	8	9
1895.....	63.1	0.0	98	30	1.99	−2.69	15	8	7	6
1896.....	67.8	+5.0	94	24	3.65	−1.15	12	12	6	5
1897.....	61.4	−1.4	90	27	4.14	−0.66	12	11	7	9
1898.....	59.2	−4.6	93	19	3.09	−1.94	14	8	8	8
1899.....	60.7	−3.2	96	19	3.28	−1.30	10	11	9	7
1900.....	62.0	−0.6	96	24	4.98	+0.18	10	12	8	10
1901.....	58.1	−4.7	96	22	3.82	−0.71	14	8	8	8
1902.....	61.2	−0.8	96	25	2.87	−1.37	11	11	8	8
1903.....	60.6	−1.2	91	26	1.86	−2.20	13	10	7	6
1904.....	56.8	−4.8	89	24	3.88	−0.35	11	9	10	8
1905.....	61.1	−0.7	96	25	6.29	+2.13	9	10	11	11
1906.....	63.7	+1.9	97	27	2.55	−1.85	15	7	8	6
1907	54.9	−6.6	89	24	5.44	+1.04	10	7	13	9
1908.....	63.3	+1.9	93	24	6.32	+2.14	9	9	12	12
1909.....	60.9	−0.4	88	24	4.52	+0.27	15	7	8	8
1910.....	59.8	−1.4	90	22	5.14	+0.82	12	9	9	9
1911.....	60.5	−0.9	90	29	9.86	+5.48	10	9	11	12
1912.....	61.9	+0.8	93	26	8.14	+3.59	9	11	10	12
1913.....	61.2	+0.1	94	27	4.91	+0.53	17	6	7	6
1914.....	61.0	0.0	94	19	4.57	+0.15	11	9	10	9
1915.....	64.3	−3.3	96	19	2.96	−1.39	14	8	8	5
1916.....	59.9	−1.2	92	24	3.65	−1.25	13	7	10	7
1917.....	60.4	−1.8	90	23	5.69	+0.92	14	7	9	9
1918.....	59.6	−1.2	96	25	7.63	+2.63	14	6	10	9
1919.....	61.6	+0.5	95	24	3.56	−1.27	14	6	10	7
1920.....	59.8	−1.4	94	11	5.49	+0.89	14	7	9	9
1921.....	59.8	−1.1	91	22	7.87	+3.02	14	6	10	9

Climatological Data for April, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observer.
Amity	Clark	250	28	56.8	− 5.3	83	24	30	1†	45	8.72	+3.03	4 00	0	11	14	5	11	w.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	9.10	+3.82	3 25	0	11	18	0	12	sw.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	9.54	+5.08	2.26	0	8	16	2	9	s.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	6.24	.....	1.81	0	10	19	8	6	s.	Allen Moody.
Batesville	Independence	277	22	55.4	− 4.0	79	25	28	11†	42	5.95	+1.33	1.42	0	12	14	6	10	se.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	58.6[a]	− 2.3	83[a]	23	30[a]	17†	40[a]	6.95	+2.61	2.50	0	9	10	5	15	s.	J. E. Scanlan.
Bentonville	Benton	1303	15	56.6	− 0.3	81	23	26	17	33	4.54	+0.65	1.68	T.	10	12	11	7	s.	U. S. Weather Bureau.
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	5.40	−0.14	2.12	0	8	18	2	10	s.	S. J. Howe.
Booneville	Logan	925	7	61.2	.....	85	23	29	17	37	6.79	.....	1.96	0	10	16	4	10	s.	Supt. Tuberculosis San.
Brinkley	Monroe	226	39	59.8	− 1.9	85	25	30	11†	40	8.70	+3.73	1.96	0	8	15	9	6	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	59.0	.....	86	23	30	18	43	5.94	+1.14	2.15	0	10	17	3	10	s.	J. M. Richardson.
Camden	Ouachita	158	35	59.6	− 4.0	83	23	32	17	38	8.45	+3.84	1.86	0	11	13	10	7	s.	A. B. Quarterman.
Centerpoint	Howard	470	24	59.1[a]	+ 3.9	83	23	30[a]	17	36[a]	10.00	+5.24	3.13	0	12	12	3	15	se.	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	9.42	+3.24	1.68	0	11	12	6	12	s.	J. W. Bishop.
Conway	Faulkner	309	37	61.0	− 1.0	84	23	32	11	38	12.52	+8.23	6.41	0	9	16	6	8	s.	E. E. Cordrey.
Corning	Clay	293	21	60.5	+ 1.1	86	25	29	11†	36	5.48	+0.90	1.97	0	9	10	13	7	s.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	7.12	.....	4.05	0	9	17	2	11	sw.	J. R. Avera.
Dardanelle	Yell	330	35	58.2	− 2.7	89	3	33	11†	35	6.36	+2.42	3.75	0	8	13	8	9	e.	F. E. Wieser
Dodd City	Marion	1175	39	56.8	− 3.0	85	23	25	18	42	5.74	+1.62	3 13	0	8	9	15	6	sw.	Neal Dodd.
Dumas	Desha	162	14	60.6	− 0.7	84	23	34	11†	43	7.47	+2.97	2.53	0	11	10	13	7	.....	Ben. Johnson.
Dutton	Madison	1590	19	54.6	− 1.5	81	23	24	11	44	7.93	+2.64	2.10	0	12	13	9	8	s.	J. M. Ricketts.
El Dorado	Union	265	17	61.6[b]	− 1.9	86[b]	25	33[b]	11	31[b]	.....	.....	.....	0	.....	7[b]	6[b]	7[b]	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	14	61 6	− 1.0	85	19†	34	11†	46	8.63	+2.90	2.40	0	13	12	7	11	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	58.2	− 0.3	83	23	25	17	35	5.51	−1.01	1.37	0	10	9	14	7	sw.	George W. Nicholds.
Fayetteville	Washington	1451	35	58.0	− 0.7	87	23	25	17	38	5.40	+1.21	2 00	0	7	21	4	5	ne.	University of Arkansas.
Fort Smith	Sebastian	481	39	60.2	− 1.5	85	23	31	17	34	5.40	+1.50	1.78	0	11	15	5	10	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	9.76	+5.67	3.23	0	11	13	3	14	s.	T. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	12.08	.....	3.00	0	11	15	5	10	e.	Cleve Bell.
Gillett	Arkansas	.....	3	60.8[c]	.....	82[c]	23	35[c]	17	35[c]	7.38	.....	2.30	0	11	15	7	8	s.	H. E. F. Beverburg.
Grannis	Polk	921	3	56.8	.....	82	23	29	11	39	12.48	.....	4.04	0	15	19	1	10	se.	Dr. F. C. Mullins.
Gravette	Benton	1250	23	56.2	− 0.6	83	23	24	17	42	5.25	+1.41	1.61	0	12	9	11	10	sw.	A. F. Stevens.
Hardy	Sharp	643	24	59.4[f]	+ 0.4	88[f]	21	29[f]	11	45[f]	5.69	+0.51	2 80	0	.....	10[e]	3[e]	12[e]	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	12.18	+6.76	3.10	0	7	17	0	13	s.	James A. Buruett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	6.85	.....	3.50	0	8	14	2	14	se.	Arthur Cross.
Hope	Hempstead	377	49	60.8[a]	− 2.9	84[a]	23†	30[a]	17	37[a]	8.92	+3.63	3.84	0	8	19	3	8	se.	N. P. O' Neal.
Hot Springs	Garland	600	28	57.6	− 2.4	78	24†	32	17	34	9.07	+3.01	2.60	0	10	15	5	10	s.	A. & N. Gen. Hospital.
Huttig	Union	.....	14	66.8	+ 1.5	91	27	36	11†	41	6.10	+1.51	1.90	0	9	21	0	9	.....	C. A Berry.
Jonesboro	Craighead	345	26	61.0	− 0.2	87	25	32	11†	34	8.89	+4.80	2.20	0	11	13	12	5	s.	Benedictine Sisters.
Junction‡‡	Union	182	28	62.2	− 1.3	84	24	33	11†	40	4.74	+0.13	1.78	0	6	17	5	8	n.	J. A. Lowderback.
Little Rock	Pulaski	286	42	60.4	− 2.3	83	23	34	17	40	7.40	+2.89	1.83	0	13	15	6	9	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	24	59.2	− 0.1	84	23	31	17	33	7.20	+3.06	3.47	0	7	15	6	9	e.	H. Kauffeld.
Magnolia	Columbia	315	3	62.2	.....	83	25	33	17	33	8.58	.....	3.40	0	8	11	13	6	s.	State Agriculture School
Malvern	Hot Spring	277	38	59.6	− 1.8	80	23	31	11	38	10.19	+5.24	2.90	0	11	11	5	14	.....	Mrs. Kate L. Smith.
Mammoth Spring	Fulton	512	16	58.6	+ 0.5	85	23	28	18	41	7.52	+2.06	3.08	0	13	12	9	9	.....	W. S. Vincent.
Marianna	Lee	235	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. K. Trousdale.
Marked Tree	Poinsett	229	16	61.8	.....	85	20	37	10†	36	8.40	+2.71	2.50	0	10	11	16	3	ne.	Charles Walton.
Marshall	Searcy	1083	6	59.8	.....	83	23	30	17	39	7.53	.....	4.21	0	11	11	13	6	s.	W. F. Reeves.
Mena	Polk	1284	33	58.4	− 3.5	83	23	29	17	38	10.51	+5.05	3.90	0	11	15	4	11	s.	E. W. St. John.
Mountain Home	Baxter	800	7	57.6	.....	85	23	28	11†	42	6.94	.....	3.88	0	7	12	4	14	s.	B. S. Halbert.
Mount Ida	Montgomery	730	23	59.0	.....	84	23	28	11†	44	8.42	+2.85	3.34	0	9	15	5	10	w.	G. A. Whittington.
Murfreesboro	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	7.44	.....	2.58	0	11	10	10	10	e.	Henry A. Davis.
Nail ††....	Newton	2233	28	54.0	− 2.5	79	23	22	17	34	8.33	+3.14	2.60	0	10	12	7	11	s.	Charles Paxton.
Newport	Jackson	231	37	61.6	− 0.1	84	23†	33	18	31	7.53	+2.47	2.28	0	10	13	8	9	s.	George L. Robinson.
Okay ††....	Pope	1700	6	.....	.....	.....	.....	.....	.....	.....	6.54	.....	.....	0	.....	.....	.....	.....	.....	U. S. Forest Service.
Osceola ††....	Mississippi	240	21	56.6	− 4.8	84	6	32	11†	38	9.25	+5.33	2.85	0	10	10	6	14	s.	Atwood P. Smith.
Ozark	Franklin	377	25	59.2[d]	− 3.3	85[d]	23	31[d]	17	39[d]	7.16	+3.16	3.41	0	8	8[d]	6[d]	12[d]	nw.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	8.63	.....	2.14	0	9	19	0	11	s.	W. E. Baker.
Pine Bluff	Jefferson	215	37	63.2	+ 0.2	86	23	41	1	37	11.33	+6.13	3 30	0	11	21	4	5	s.	Roy F. Hammond.
Pocahontas	Randolph	300	29	60.1	+ 0.2	83	23	30	11	36	7.27	+2 69	3.10	0	11	9	7	14	s.	Benedictine Sisters.
Portland	Ashley	122	15	63.4	− 0.2	87	25	36	11†	36	6.26	+1.56	2.10	0	7	13	11	6	w	W. E. Edmiston.
Prescott ††....	Nevada	327	39	61.6[a]	− 1.2	85	23	31[b]	17	41[b]	7.31	+2.22	2.20	0	4	19	4	7	.....	F. J. Johnson.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	9.32	+3.13	2.50	0	10	18	3	9	.....	Foote Coleman.
Rison	Cleveland	243	17	62.8	+ 0.1	86	3	33	17	42	9.50	+5 79	3.30	0	8	14	8	8	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	57.0	− 1 2	83	23	26	17	40	5.94	+1.76	2.55	0	8	10	7	13	s.	Carl A. Starck.
Searcy	White	236	8	57.8	....	78	25	32	17†	33	5.96	.....	1.80	0	10	15	3	12	sw.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	9.74	+5.56	4.40	0	12	18	1	11	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	61.0	− 1.3	82	25	34	17†	31	11.70	+6.89	5.76	0	10	18	6	6	s.	H. A. Buerkle.
Subiaco	Logan	1050	24	60.9	0.0	85	23	30	17	36	7.05	+3.00	3.30	0	10	15	9	6	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	63.5	− 0.4	85	23	32	17	40	10.37	+5.63	4.53	0	8	17	2	11	e.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	60.4[c]	.....	86[c]	24	29[c]	17	35[c]	7.06	.....	2.42	0	10	14[c]	4[c]	9[c]	s.	U. S. Forest Service.
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	10.41	.....	5.68	0	9	10	5	15	s.	Dr. Cheves. Bevil
Warren	Bradley	206	26	62.2	− 0.6	84	25	36	18	33	6.43	+1.16	1.44	0	10	17	8	5	s.	J. I. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	6.00	+0.29	2.00	0	6	13	3	14	se.	Miss Eulela M. Schirm
Wynne	Cross	250	13	61.2	+ 0.8	85	3	32	18	35	9.60	+4.23	4.20	0	.....	21	0	9	sw.	J. M. Larkan.
State Means and Extremes				60.8	− 1.1	91	27	22	17	46	7.87	+3.02	6.41	T.	9	14	6	10	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] appear in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for April, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita					T.	.17	.27	.22					.32	1.05	T.	.27						1.72	.08			4.00	.13	.49				8.72
rkadelphia	do					.25	.80	.25						1.80			.10					.20	.85				3.25		.70	.65			9.10
rkansas City	Mississippi						.75	2.10							2.26		2.00						1.75	.04				.50			.14		9.54
ald Knob	White					.48	.25	.21						.30		.13	.75					1.66	.30				1.81			.35			6.24
atesville	do					.03	.54	.08	T.					.03	.83		.18					T.	1.42	.18			1.18	.98	.14	.36	T.		5.95
ee Branch	Arkansas				T.	.45		.40						.65			.10					1.45	1.00			.20	2.50		.20	T.			6.95
entonville	do				.60	.38							.07	.34		.92	T.					.42				1.68	.06	.05			.02		4.54
ergman	White																																
lack Rock	do					T.	.11	T.	T					T.	.37		.89	T					.98	.23			2.12	.62		.08			5.40
oneville	Arkansas				.43	.18								.49		.23					T.	.64	.73			1.96	1.80	T.	.22	.02			6.70
rinkley	White				T.		1.02	.84							1.20		1.96						1.40	.36				1.30	.62					8.70
alico Rock	do					.27	.27		T				T.	.05	.31		.20					T	1.30	.10			2.15	1.04	T.	.25			5.94
anden	Ouachita					.19	1.86	.73						.30	.89							.12	1.65	.01			1.63	.35	.72				8.45
enterpoint	Little River				.15	.39	.47	.63					.83	1.67		.43						1.30											10.00
larendon	White						1.60	1.45						T.	1.40		1.68						1.48	.02			.92	.74	.05	.07	.01		9.42
onway	Arkansas				.12	.22		.24						1.35		.46						1.40	1.56				6.41		.76				12.52
orning	White						.03	.09						.18	.68		1.00					.38	.82				1.97		.33				5.48
ardanelle	Arkansas					.42	.38	T.						.27	.21		.21						1.26	T.			4.05	.06	.26				7.12
ardanelle	do					.60									.18	.31					.02	1.20				3.75	.20		.10				6.36
otd City	White				.08	.40	.26							.20		.20							1.45				3.13		.02				5.74
umas	Arkansas				T.	.04	.93	.86						2.53	.13	.18	.15					1.12	.67					.78		.08	T.			7.47
utton	White				.30	.44		.10						.57		.16						1.19	1.12			2.10	1.67	.04	.13				7.93
l Dorado	Ouachita				*	*	2.25	.42						1.75	.44						.11	1.24	.27		T	T.							
ngland	Arkansas				.02	.02	2.40	.12						.55	.03	.05	.52					2.00	.63				1.37		.90	.02			8.63
ureka Springs	White				.18	.75								.43		1.35	.20					.78				1.37	.45	T.	T.				5.51
ayetteville	do				T	.73										2.00	.41					.70	.41			1.05	.10			T.			5.40
ort Smith	Arkansas				.94	.53		T.					.11	.27		.50					T.	1.20	.58		T.	1.05	.11	.08		.03			5.40
alton	Red				T.	.22	.34	1.10						1.23	.77		1.50					.08	.78			T.	3.23	.10	.41				9.76
eorgetown	White						.65	.40						.05	.51		3.00					.05	2.95	.22			1.10	1.05	1.10				12.08
illett	Arkansas					.02	1.85	.60						2.30	.06	.38						1.08	.31	.02			.66		.10				7.38
rammis	Red				.49	1.08	.06	.02					.19	2.02		.32					.05	.77	.82		.07	4.04	2.12	.15	.28				12.48
ravette	White				.48	.64							T.	.52	.23	1.25	.12					.10	.07			1.61	.09	.07			.07		5.25
ardy	do							.19						.60		.80						.60	.10				2.80						5.09
elena	Mississippi					T.	.68	2.66						T.	2.56		1.92					.10	3.10	.24									12.18
igden	White				T.	.36								.60			.05					1.06	1.02			.02	3.50	.24					6.85
ope	Red				.34		.92							1.80		.12						1.35	.01				3.84		.54				8.92
ot Springs	Ouachita				.10	.25		.19						1.95	.45						1.80		.82			.06	2.60		.85				9.07
uttig	do				.04		.16	.80						1.90	.45	.30						1.50	.40				.55						6.10
aesboro	White						.38	.60						.58	.32	1.49	1.76					.73	.70				2.20	.04	.09				8.89
unction	Ouachita				T.	1.78	.57						.41	.59		T.						.78			T.		.61						4.74
ittle Rock	Arkansas				.04	.41	.78	.02					T.	1.53	.01	.69					T.	1.24	.37		T.	.42	1.43	.21	.25				7.40
utherville	do				.29	.51								.95		.85						.85	.28				3.47						7.20
agnolia	Red				.32		1.57							1.12	.14							1.60	.18				3.40		.25				8.58
alvern	Ouachita				T.	.33	.90	.17						.35	2.45		.80						1.20	T.			2.90	.22	.67	.20			10.19
ammoth Spring	White					.17	.59	.18						.36	.49	.09	.22					.32	1.34			.02	3.68	.05	.01				7.52
arianna	Mississippi																																
arked Tree	St. Francis						.55	1.23	.12						2.30		2.50	.07				.88	.70			T.	.05						8.40
arshall	White				.04	.76		.02						.34		.18						.52	.88			.16	4.21		.38	.04			7.53
ena	Ouachita				.43	.75	.01							.96	.96		1.72					.03	1.45			.05	3.90		.25				10.51
ountain Home	White					.47	.45							.24		.25						.42	1.23				3.88	T.	T				6.94
ount Ida	Ouachita				.16		.17							1.12	.50	.05						1.19				1.25	3.34		.64				8.42
urfreesboro	do					.36	1.16	.12						.19	1.07		.27						.98				2.58	.23	.41	.07			7.44
ail	White				.20	.63	.18	T.						.47		.16					T.	.80	1.20			1.80	2.60	T.	.29	T.			8.33
ewport	do						.44	.20							.31		.88						1.70	.29			2.28	.91	.10	.12			7.23
kav	Arkansas				.23	.63	.27		‡														2.65	‡									6.54
sceola	Mississippi				.25		.90	T.						2.85		2.30	.20					1.45	.05				.90		T.	.05	.30		9.25
zark	do				.40	.26							.74									.73	.03			3.41	1.44	.15					7.16
atterson	White					.60	.50								.80		2.10						2.14				1.46	.85	.10	.08			8.63
ine Bluff	Arkansas					.03	3.30	2.80						.18	.95		.07						2.31	.09			.63	.83	.14				11.33
eachontas	White						.07	.15						.35	.10	.15	1.30					.50	.80				3.10	.30	.45				7.27
ortland	Ouachita				T	T.	.10	1.04							1.91	.61						2.10	.11				.39						6.26
rescott	do				.46			1.10					.25	1.30								1.30				2.20	.20	.50					7.31
rinceton	Ouachita						2.20	.80						.25	.70								2.00	.12			2.50	.20	.40	.15				9.32
son	do				.10	3.80	1.20							1.06								1.69	.10				1.16		.39				9.50
ogers	Arkansas				.22	.59								.32		1.58	.97					.62				1.32	.32						5.94
arey	White				T.	.01	.49	.19						.30		02	.65					1.80	.57				1.62		.31				5.96
pringbank	Red				T.	.22	.98	.05						.90	.50		.15					T.	1.43				4.40	.62	.40	T.	.06		9 74
tuart	Arkansas				.01		5.76							1.10	.03	.10	.41					1.31	.33				2.53		.12				11.70
obacco	do				27	.34								.59	.32	.16						.59	.95			3.80	.37	T.	.16	T.			7.05
exarkana	Red				.10	.35	.30						T.	1.93		2.03	.15					.98					4.53			T.			10.37
ippers	Arkansas				.09	.52	.03	.23						.65		.04						.80				1.89	2.42		.39				7.06
aldron	do				.79	.27	T.							.71	1.00	.43						.83	.63			4.37	1.31	T.	T.	.07			10.41
arren	Ouachita				.02		1.44	.38						1.28			.70					.96	.29				.75		.33		.28		6.43
atcliffs	Red						.80							.80	.40								1.80				2.00		.20				6.00
ynne	St. Francis							.70						.70		*	4.20					*	2.30				1.70		T.				9.60

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for April, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	15.9	13.1	11.3	10.2	9.6	9.5	12.6	15.6	15.2	13.6	12.4	10.9	9.8	9.4	11.0	12.9	12.5	11.2	11.0	11.2	10.6	11.6	12.2	12.5	13.3	15.0	18.9	19.9	19.7	17.9	
rdanelle	do	20	17.9	14.6	12.6	10.5	9.3	8.7	8.4	11.4	13.8	13.6	12.2	11.2	10.0	9.0	8.5	9.8	12.0	11.4	9.9	9.7	9.9	10.0	11.7	10.8	10.6	15.4	19.2	19.0	19 0	18.4	
ttle Rock	do	23	18.7	17.9	15.8	15.8	11.8	10.3	9.3	8.9	11.8	13.8	14.0	13.0	11.8	11.0	10.0	9.5	10.0	12.4	12.6	11.2	10.4	11.0	11.8	12.8	13.0	12.8	18.2	20.3	20.7	20.8	
ne Bluff	do	25	21.0	21.8	20.6	18 8	16.8	15.0	14.2	13.8	13.4	15.5	17.0	17.1	16.2	15.2	14.5	13.8	13.5	15.4	15.7	15.9	14.4	14.1	14.7	15.2	16.1	16.3	17.8	22.0	23.4	23.8	
lack Rock	Black	14	20.0	19.4	19.2	19.2	19.2	19.0	18.6	18.0	17.4	16.9	16.0	15.5	14.5	13.6	12.8	12.5	12.4	11.9	11.4	11.0	10.7	11.0	13.8	14.8	14.0	15.8	23.8	25.5	23.5	22.5	
alico Rock	White	18	13.2	10.2	8.6	7.6	7.0	6.4	6.0	6.2	6.1	5.8	5.4	4.9	4.8	4.5	4.4	5.0	5.0	7.3	8.5	6.9	5.7	5.5	11.7	10.0	9.1	20.4	34.6	26.4	20.1	17.3	
atesville	do	23	23.1	19.2	16.7	15.1	13.8	13.1	12 6	12.4	12.4	12.0	11.6	11.2	11.0	10.9	10.6	10.5	11.0	10.9	14.5	14.6	12.6	12.2	16.8	18.3	16.2	20.4	34.2	35.9	31.2	27.0	
ewport	do	26	28.5	27.9	27.0	25.9	24.1	22.9	21.1	19.8	19.4	19.1	18.9	18.5	18.1	17.7	16.2	15.8	15.6	15.5	15.2	15.1	15.1	15.2	15.6	19.4	20.8	21.6	24.1	28.7	31.2	31.3	
eorgetown	do	22	25.8	25.9	26.0	25.8	25.5	25.1	24.6	24.1	23.6	22.3	22.5	22.1	21.6	21.5	21.3	21.3	21.1	20.7	20.4	20.0	19.8	20.0	20.3	20.6	20.8	21.0	21.6	22.2	23.2	24.9	
arendon	do	30	28.2	28.9	29.3	29.6	29.8	30.0	30.1	30.2	30.0	29.8	29.6	29.4	29.1	28.9	28.6	28.3	28.1	27.9	27.7	27.5	27.3	27.3	27.3	27.2	27.1	27.2	27.4	27.4	27.5	27.7	
elena	Missi-sippi	42	33.3	34.4	35.4	36.2	36.9	37.4	37.8	38.5	38.7	38.7	38.6	38.4	38.1	37.9	37.3	36.7	35.8	34.6	33.4	32.5	32.2	33.1	34.4	35.4	36.1	36.7	37.2	37.6	37.8	37.9	
rkansas City	do	42	39.8	40.3	40.8	41.4	42.0	42.6	43.0	43.5	43.8	44.1	44.3	44.6	44.9	45.3	45.3	45.3	45.0	44.5	43.9	43.3	42.5	42.3	42.1	41.9	42.2	42.4	42.7	43.0	43.3	43.8	
anville	Petit Jean	20	5.7	5.2	4.8	4.2	3.7	3.9	4.7	6.1	6.0	4.2	3.6	3.3	3.0	3.6	3.8	4.2	18.7	17.1	12.8	10.1	8.2	11.1	14.4	12.8	11.6	20.3	23.8	24.6	22.9	20.2	
ilton	Red	28	16.9	16.8	16.0	14.9	13.7	12.9	12.7	15.3	19.4	22.5	23.2	22.4	20.7	19.7	19.3	19.3	19.8	19.5	19.0	18.6	17.8	17.0	17.0	19.8	21.4	22.5	23.2	24.6	26.2	26.6	
kadephia	Ouachita	18	4.3	3.5	3.0	2.8	2.5	2.2	2.3	3.5	3.3	3.4	3.2	2.6	2.3	8.1	6.9	10.0	6.8	6.6	4.8	4.1	3.4	7.0	11.5	7.7	6.3	11.8	21.3	20.0	16.3	9.2	
tterson	Cache	9	9.3	9.1	9.0	9.0	9.1	9.2	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9	9.2	9.5	9.7	9.2	8.8	8.5	8.6	8.8	8.7	8.6	8.7	8.9	9.1	9.1	9.0	

Daily Temperatures for April, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Amity	Maximum	63	68	76	77	80	67	72	73	76	71	60	67	70	60	78	72	76	55	69	74	74	64	75	83	75	80	67	77	74	70	
	Minimum	30	32	35	44	44	60	55	55	39	38	30	30	36	45	45	53	31	30	30	35	37	54	43	43	59	60	43	43	45	45	
Batesville §§	Maximum	65	72	73	75	73	73	71	73	61	56	48	68	59	74	73	74	52	65	67	64	65	58	65	76	79	62	52	71	64	67	
	Minimum	31	32	38	41	45	60	58	60	39	38	28	32	47	44	50	55	32	28	32	41	47	57	45	51	64	61	43	48	43	39	
Bee Branch	Maximum	67	75	77	....	79	75	74	77	63	59	65	71	66	76	76	75	55	68	75	74	68	71	83	78	78	74	74	72	68	74	
	Minimum	34	36	41	....	45	58	56	53	39	35	31	40	50	50	55	46	30	30	35	48	57	52	44	57	67	51	40	45	45	41	
Bentonville	Maximum	64	73	74	75	65	70	76	60	49	52	62	68	67	73	74	57	52	64	72	70	67	68	81	73	77	60	66	66	64	69	
	Minimum	32	40	51	56	60	60	51	46	36	34	31	48	52	48	57	29	26	31	42	56	54	53	52	63	58	49	43	46	45	44	
Booneville	Maximum	71	77	80	78	74	68	77	74	63	59	70	71	64	80	78	66	66	68	78	75	68	73	85	83	82	65	74	71	72	74	
	Minimum	36	47	51	60	60	61	58	57	43	35	35	49	53	47	61	42	29	35	44	58	60	52	57	52	60	53	46	49	49	50	
Brinkley	Maximum	68	75	80	82	83	82	75	78	72	60	66	75	60	70	75	79	65	60	73	70	67	75	83	80	85	80	76	65	70	75	
	Minimum	34	38	40	45	58	60	56	57	44	37	30	40	39	40	40	53	33	30	36	47	57	63	48	57	67	54	43	50	45	42	
Calico Rock §§	Maximum	69	78	77	78	75	74	78	81	61	58	66	70	62	79	80	66	56	67	77	79	66	73	86	80	81	63	75	74	69	75	
	Minimum	33	35	35	43	48	59	59	55	45	39	31	31	45	48	51	51	34	30	36	46	56	56	44	51	65	60	43	50	44	43	
Camden	Maximum	68	74	77	79	69	76	72	77	71	60	66	70	65	79	74	77	58	66	74	75	71	76	83	76	84	71	72	75	72	76	
	Minimum	34	36	40	45	41	62	62	55	45	41	34	38	42	46	47	60	32	34	37	40	52	56	48	50	59	60	47	50	48	50	
Centerpoint	Maximum	61	74	80	70	71	72	67	60	70	69	67	60	66	70	74	73	56	69	74	72	68	78	83	65	67	65	76	74	71	75	
	Minimum	35	40	55	62	62	59	53	36	47	43	46	45	47	59	....	40	30	33	39	48	60	54	56	50	53	50	47	50	50	51	
Conway	Maximum	70	78	79	79	76	78	74	79	67	58	68	74	65	78	76	75	59	68	75	74	68	73	84	78	82	77	75	73	71	75	
	Minimum	35	40	46	47	60	61	58	55	42	36	32	41	53	50	57	53	33	34	39	49	60	55	46	61	70	57	44	50	47	47	
Corning	Maximum	65	74	76	78	80	83	76	80	65	64	63	73	65	74	78	75	53	64	73	67	65	72	83	80	86	80	73	72	67	71	
	Minimum	33	43	45	48	60	64	60	60	42	37	29	37	54	52	56	52	34	29	38	50	58	55	48	62	69	57	46	52	42	42	
Dardanelle	Maximum	59	70	80	68	60	74	67	67	64	64	60	65	65	70	74	67	51	58	66	68	67	69	77	77	71	70	70	74	65	67	
	Minimum	35	41	45	48	49	60	59	58	41	37	33	45	54	51	59	44	33	34	40	52	60	62	47	63	68	55	46	51	49	46	
Dodd City	Maximum	68	76	76	77	73	66	78	71	57	52	66	68	67	76	74	68	50	65	76	68	66	81	85	82	78	74	68	66	64	71	
	Minimum	28	34	41	45	57	56	55	54	34	34	27	39	49	43	52	32	28	25	36	52	54	56	46	63	63	48	40	45	39	31	
Dumas	Maximum	73	78	67	78	80	80	75	78	69	61	60	72	62	77	75	82	58	62	63	72	68	73	84	79	84	78	74	68	69	74	
	Minimum	38	40	35	45	37	61	61	57	48	40	34	38	53	56	61	58	34	34	38	48	60	56	49	58	70	58	46	58	47	48	
Dutton	Maximum	64	73	75	75	67	64	75	75	53	54	63	69	69	71	70	61	52	69	73	68	62	70	81	73	72	60	68	66	65	69	
	Minimum	25	31	38	43	52	57	49	52	31	32	24	43	47	43	52	30	25	25	34	53	57	50	43	61	58	48	35	40	39	38	
El Dorado	Maximum	....	....	....	....	....	....	80	80	72	60	68	72	63	75	80	80	58	56	75	76	77	81	85	85	86	....	....	....	....	82	
	Minimum	....	....	....	....	....	....	34	57	54	41	33	40	53	50	60	63	31	33	52	50	49	52	54	56	57	....	....	....	....	54	
England	Maximum	70	74	76	78	77	79	70	80	70	62	67	71	65	82	74	80	56	68	85	77	79	72	85	79	83	73	77	75	72	75	
	Minimum	35	40	42	46	58	60	60	56	45	38	34	42	54	46	53	52	34	34	39	51	59	51	49	60	70	58	46	52	47	48	
Eureka Springs	Maximum	67	75	77	78	70	68	80	70	55	54	66	72	68	74	76	59	54	68	76	72	65	69	83	78	79	60	67	66	65	71	
	Minimum	32	46	51	56	59	58	51	53	39	33	31	48	50	49	52	29	25	31	46	56	54	51	57	68	59	50	45	48	43	42	
Fayetteville	Maximum	63	72	74	76	76	75	77	75	64	58	67	68	67	73	72	65	56	66	70	67	65	69	87	85	76	60	68	68	66	70	
	Minimum	29	43	48	58	59	59	52	53	33	32	29	48	51	48	54	32	25	30	44	49	57	51	54	61	58	51	45	47	45	42	
Fort Smith	Maximum	68	76	80	79	68	71	77	68	58	56	67	72	65	77	68	63	56	68	76	69	68	74	85	77	82	68	74	69	71	75	
	Minimum	38	43	51	56	60	60	58	54	43	37	37	47	54	50	60	34	31	37	44	57	56	53	51	64	58	55	48	49	51	51	
Gillett	Maximum	65	72	76	75	78	78	77	78	71	68	64	69	59	....	76	80	....	....	70	73	69	72	82	78	81	78	73	74	69	72	
	Minimum	37	40	42	42	58	60	60	57	48	39	36	41	54	....	52	....	35	....	35	48	61	56	49	54	54	57	46	53	47	48	
Grannis	Maximum	66	73	78	77	68	65	71	76	67	57	63	66	58	76	70	71	57	68	72	68	65	67	82	73	72	70	74	74	68	72	
	Minimum	34	34	40	52	57	61	59	50	35	35	29	39	51	38	57	42	30	31	34	52	47	39	49	53	62	45	41	42	44	40	
Gravette	Maximum	64	68	76	77	72	70	77	71	59	53	63	69	68	73	72	60	52	60	73	70	68	69	83	79	79	59	68	67	66	70	
	Minimum	28	32	34	58	59	50	46	51	34	34	27	49	51	41	54	31	24	26	39	56	55	52	49	63	57	51	37	46	42	43	
Hardy	Maximum	67	79	78	79	79	....	79	82	64	57	64	71	67	....	81	74	53	....	....	....	68	75	....	88	83	82	74	72	67	71	
	Minimum	31	36	42	43	60	....	56	59	40	33	29	42	52	....	51	46	34	....	....	....	54	54	....	43	71	50	40	50	42	38	
Hope	Maximum	67	75	79	80	73	75	73	76	72	63	67	70	67	79	76	79	59	66	75	....	73	77	84	76	84	73	76	75	70	76	
	Minimum	35	40	48	49	61	61	55	60	41	37	33	44	46	42	54	49	30	33	39	....	53	56	50	58	60	53	55	51	49	50	
Hot Springs	Maximum	63	63	73	73	70	64	67	67	65	54	59	60	68	70	69	53	62	72	70	67	72	75	78	78	77	65	68	69	72	70	
	Minimum	38	39	43	41	50	60	60	58	45	38	49	48	35	45	60	35	32	40	40	53	56	51	50	52	51	58	58	46	49	48	
Huttig	Maximum	77	73	72	80	78	80	79	81	82	76	68	72	66	83	84	88	73	74	75	78	77	79	87	78	87	86	91	88	79	77	
	Minimum	64	64	62	65	68	72	65	61	56	44	36	41	56	53	57	68	54	36	40	48	51	57	50	53	58	55	50	53	50	52	
Jonesboro	Maximum	65	75	76	80	83	84	78	77	64	61	62	72	66	75	80	78	54	62	73	68	68	74	84	82	87	81	81	75	66	74	
	Minimum	36	43	42	46	56	61	58	58	46	37	32	39	44	53	54	51	34	32	43	50	58	56	53	63	67	53	45	54	46	42	
Junction	Maximum	68	72	76	80	69	81	74	72	64	62	70	80	71	78	74	72	62	69	76	73	77	78	80	84	82	74	77	79	78	83	
	Minimum	34	39	47	60	62	63	55	47	50	35	33	42	54	57	60	54	34	33	36	42	60	56	58	60	58	54	59	60	46	49	
Little Rock	Maximum	64	72	74	76	73	77	68	76	66	55	61	70	59	75	71	76	55	64	72	72	67	73	83	78	80	65	72	71	68	71	
	Minimum	43	43	50	53	61	61	61	56	46	39	41	45	53	48	59	36	34	40	45	53	59	55	53	62	64	54	49	51	52	52	
Lutherville	Maximum	67	75	77	77	71	65	72	73	64	57	66	70	62	76	71	68	56	67	75	67	69	70	84	76	76	74	71	67	65	72	
	Minimum	36	47	47	52	59	58	59	59	43	36	34	46	51	51	59	38	31	34	43	41	58	52	51	62	66	52	44	48	48	46	
Magnolia	Maximum	67	73	76	78	73	76	74	76	76	63	65	69	66	79	78	74	58	65	73	75	75	76	82	80	83	79	79	74	71	75	
	Minimum	37	41	50	54	63	64	63	57	46	40	35	43	54	47	62	58	33	36	40	54	55	45	53	59	71	61	51	50	50	53	
Malvern	Maximum	67	70	75	77	72	66	70	71	69	64	62	65	66	75	74	74	63	70	73	75	72	74	80	78	79	71	70	71	70	72	
	Minimum	33	36	43	45	59	62	60	58	41	37	31	39	53	45	55	55	33	32	37	52	59	55	46	60	69	59	44	49	45	46	
Mammoth Spring	Maximum	65	75	76	77	75	77	75	77	62	55	63	69	65	74	80	66	51	64	73	65	65	71	85	83	81	79	70	69	66	71	
	Minimum	31	34	40	41	57	60	58	59	39	40	30	42	52	51	50	50	33	28	35	48	59	53	43	65	72	53	42	49	42	38	
Marked Tree §§	Maximum	76	78	80	82	82	72	79	78	59	65	72	61	77	60	64	71	67	66	75	85	83	84	71	73	75	70	68	66	71	71	
	Minimum	40	44	48	54	64	62	60	50	39	37	42	50	54	55	37	40	51	57	59	53	59	65	63	49	54	50	53	44	45	52	
Marshall	Maximum	73	77	76	76	68	70	75	75	62	55	68	74	68	80	76	64	55	70	76	67	72	68	83	76	79	70	68	69	66	70	
	Minimum	35	47	50	57	60	60	60	56	43	36	33	49	42	51	60	35	30	31	46	55	52	52	55	63	68	52	47	50	46	43	
Mena	Maximum	69	76	78	70	66	77	73	64	58	55	68	69	57	79	70	68	55	68	75	71	65	75	83	73	78	68	76	72	72	75	
	Minimum	31	40	45	59	60	57	53	39	35	35	31	46	52	43	59	39	29	33	42	53	58	51	49	61	61	53	43	44	50	47	
Mountain Home	Maximum	68	78	77	78	72	70	78	77	59	56	79	70	63	78	73	66	55	64	75	68	66	72	85	78	80	64	72	74	65	72	
	Minimum	29	36	43	48	48	57	58	54	38	35	28	35	50	47	44	35	30	28	37	49	58	52	44	63	59	51	40	48	41	38	
Mount Ida	Maximum	70	77	79	79	78	74	74	78	68	59	68	70	67	79	72	75	57	70	75	70	69	75	84	76	82	76	72	75	73	74	
	Minimum	29	33	38	45	62	55	54	50	37	34	28	40	58	42	42	41	30	28	33	52	60	52	41	62	70	57	42	46	42	41	
Nail	Maximum	60	69	70	70	65	60	71	70	54	49	58	64	58	70	61	62	52	64	68	61	59	66	79	69	68	57	66	63	62	66	
	Minimum	35	44	46	52	55	54	55	50	40	29	34	41	46	47	45	28	22	31	42	47	54	47	52	58	54	46	45	44	45	45	
Newport	Maximum	65	72	74	79	81	81	76	77	67	60	65	71	66	76	71	78	52	64	72	78	66	75	84	81	84	80	73	78	67	74	
	Minimum	38	42	45	49	73	61	59	60	45	39	34	42	53	53	55	50	35	33	41	52	58	55	48	64	76	53	46	53	49	48	
Osceola	Maximum	62	74	77	80	82	84	75	79	69	61	64	72	65	75	79	78	53	64	71	68	66	66	82	66	64	65	60	60	52	62	
	Minimum	35	42	42	50	49	60	59	47	34	33	32	42	53	53	54	36	33	33	40	56	58	56	51	33	32	46	46	45	43	43	
Ozark	Maximum	70	76	79	80	76	69	78	76	72	65	66	72	78	....	....	60	59	68	71	76	74	76	85	78	60	74	71	....	....	75	
	Minimum	34	38	46	57	61	61	55	54	56	40	33	41	53	....	....	40	31	32	34	39	42	55	46	58	44	44	49	....	....	49	
Pine Bluff	Maximum	67	75	76	79	77	79	73	82	72	65	64	74	65	81	75	82	62	64	77	78	72	76	86	85	85	80	74	76	70	76	
	Minimum	41	42	44	49	60	61	60	59	48	42	42	42	54	48	58	62	40	40	40	55	59	56	51	60	70	61	48	53	53	52	
Pocahontas	Maximum	65	74	76	78	79	81	77	79	69	56	64	70	65	74	81	77	55	65	72	70	66	74	83	81	83	79	74	74	66	71	
	Minimum	34	39	41	46	54	62	58	60	44	37	30	41	49	53	51	53	34	31	36	49	58	55	47	60	69	59	44	50	43	4	
Portland	Maximum	65	71	78	79	80	83	77	81	78	64	65	74	61	77	74	81	70	64	73	76	75	74	84	82	87	78	75	79	75	77	
	Minimum	38	41	42	49	59	61	64	65	53	43	36	39	56	53	59	66	36	37	40	47	61	58	51	59	69	63	49	53	49	50	
Prescott	Maximum	68	76	79	80	74	77	71	76	78	74	77	73	67	80	78	77	63	58	77	75	76	81	85	84	84	82	78	75	85	75	
	Minimum	33	41	....	....	41	62	67	55	45	33	35	40	54	44	40	52	31	32	39	51	60	54	50	52	55	60	49	50	50	49	
Rison	Maximum	69	76	86	80	75	77	71	80	71	72	67	73	64	79	75	81	56	68	75	77	71	75	85	81	84	79	77	78	72	76	
	Minimum	35	39	44	47	63	61	58	61	50	39	36	42	53	61	59	55	33	35	39	48	59	51	68	58	68	60	47	50	48	48	
Rogers	Maximum	65	74	78	76	70	69	75	70	53	52	64	71	67	75	75	57	52	65	65	72	68	70	83	78	78	60	69	68	67	70	
	Minimum	28	34	42	58	59	59	50	53	38	34	27	48	46	48	57	32	26	29	39	58	58	53	53	62	58	51	41	45	43	40	
Searcy	Maximum	66	65	74	70	75	73	73	65	69	59	64	70	64	70	70	69	52	60	65	68	68	65	77	77	78	78	68	68	60	64	
	Minimum	36	38	41	45	58	65	57	55	42	34	33	38	52	53	54	50	32	32	37	48	59	55	45	60	68	55	43	50	46	44	
Stuttgart	Maximum	65	72	72	76	77	78	73	79	72	63	63	69	62	75	75	79	58	64	70	71	68	75	81	78	82	78	73	74	69	72	
	Minimum	37	41	44	49	58	61	61	57	45	36	35	42	54	56	60	58	34	34	40	49	60	56	50	58	68	58	46	52	47	47	
Subiaco	Maximum	69	76	80	80	74	70	78	75	66	59	69	74	64	78	72	70	57	68	77	70	70	74	85	79	82	64	75	71	73	76	
	Minimum	35	41	46	55	60	60	58	56	43	35	34	47	54	49	59	40	30	35	40	56	60	54	49	64	68	58	45	48	51	48	
Texarkana	Maximum	76	80	77	80	72	72	74	78	78	65	67	67	72	82	78	72	62	72	75	75	70	78	85	75	82	82	82	78	75	78	
	Minimum	36	44	43	56	64	63	64	56	45	37	35	47	55	45	62	56	32	36	42	54	62	56	53	61	72	61	54	52	53	54	
Umphers	Maximum	....	73	75	78	73	71	....	77	64	....	65	70	68	80	78	71	55	66	73	84	68	73	83	78	83	86	79	76	78	77	74	
	Minimum	....	39	44	50	50	59	....	55	34	....	38	41	52	45	60	40	29	36	41	49	50	43	54	61	68	54	47	46	45	47	
Warren	Maximum	67	72	76	77	73	76	74	79	72	61	61	70	62	78	75	79	60	66	73	74	71	74	83	77	84	78	76	77	77	75	
	Minimum	37	41	44	47	60	62	63	60	49	41	37	37	55	51	58	61	45	36	41	48	61	56	53	58	72	61	49	52	49	49	
Wynne	Maximum	64	69	78	77	80	82	79	79	66	68	64	72	65	78	81	81	49	60	70	69	69	73	85	79	80	78	72	77	65	73	
	Minimum	36	39	43	51	60	65	68	59	45	37	33	45	53	53	52	42	35	32	40	54	59	53	53	62	73	54	46	52	42	53	

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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YAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

OL. XXVI. LITTLE ROCK, Ark., MAY, 1921. No. 5.

GENERAL SUMMARY.

If May 1921 is compared with May 1920 quite a contrast is nd with regards precipitation; May 1920 being one of the ttest on record while May 1921 is among the dry. During the st decade temperatures were below normal and most of the rain- l for the month occurred, only light scattered showers occur- g after the 11th. Practically no rain fell between the 15th and l, and during the last decade temperatures were unseasonably gh, the highest May temperatures on record being recorded at eral stations. The month as a whole was favorable for cotton, d corn was not hurt where properly worked, but it was too dry potatoes and truck and the berry crop was cut short by the y weather. Most of the rivers of the State were at or near flood ge at the close of April and on May 4th the White River levee oke near Mc Clelland, Woodruff County, flooding approxi- tely 110,000 acres in Woodruff, Monroe, and Prairie counties, owning live stock, destroying crops, and delaying farm work at least two weeks. An accurate estimate of the loss is not ilable.

W. C. H.

TEMPERATURE.

The mean temperature for the month of May was 69.7° which 0.7° above normal). The highest monthly mean was 75.6° at mas, Desha County; the lowest 64.3° at Dutton, Madison unty. The highest temperature recorded during the month s 99° at Texarkana on the 31st; the lowest 29° at Dodd City, arion County on the 3d. The extremes occurred on or near se dates in all sections. The greatest daily range was 47° annis, Pope County, on the 22d.

PRECIPITATION.

The average precipitation for May was 2.25 inches which is 3 inches below normal. The rainfall was light in all sections, wport, Jackson County, being the only station measuring an cess. The greatest monthly total was 5.49 inches, measured Higden, Cleburne County. No rain fell at Hot Springs, Gar- d County. The greatest amount measured in 24 consecutive urs was 3.78 inches at Higden on the 11th. The average num- r of rainy days was 5.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement, miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.01	30.26	15	29.63	26	3,641	16	s.	8	.....	.....	71
Fort Smith...	29.98	30.25	4	29.64	10	5,232	34	sw.	10	77		74
Little Rock..	30.00	30.24	16	29.68	10	5,608	32	nw.	2	77	52	77

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 16; 2d, 1; 8th, 1; 9th, 3; 10th, 7; 11th, 11; 12th, 2; 13th, 2; 14th, 1; 15th, 1; 25th, 1; 26th, 2; 27th, 6; 28th, 8; 29th, 11; 30th, 13; 31st, 7.

Solar Halos:— 5th, 1; 6th, 2; 9th, 1; 13th, 1; 16th, 1; 26th, 2.

Lunar Halos:— 23d, 1; 26th, 1.

Light Hail:— 3d, 1; 10th, 4; 11th, 5; 13th, 1; 28th, 1.

Heavy Hail:— 11th, 1; 30th, 1.

Killing Frost or Freezing Temperature:— 2d, 1; 3d, 5; 4th, 2.

Aurora:— 14th, 5.

Corrections.

April 1921- Georgetown, precipitation should be 11.08; Eureka Springs, rainy days should be 8; Prescott, rainy days should be 8; Osceola, monthly mean temperature should be 57.0°.

COMPARATIVE DATA FOR ARKANSAS---- MAY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	67.0		97	36	2.78	−1.17	15	9	7	7
1892.....	67.8	−1.3	100	32	9.52	+4.65	8	11	12	13
1893.....	68.6	−0.5	94	38	9.71	+4.84	14	8	9	11
1894.....	70.1	+1.0	95	35	3.40	−1.47	12	12	7	7
1895.....	69.0	−0.1	97	36	3.91	−0.96	13	11	7	8
1896.....	74.3	+5.4	98	46	3.54	−1.34	15	10	6	7
1897.....	68.3	−0.7	98	33	2.13	−2.75	17	9	5	5
1898.....	72.1	+3.4	100	30	6.44	+1.37	16	9	6	7
1899.....	72.9	+3.0	96	44	6.45	+1.97	10	12	9	10
1900.....	69.3	−0.7	97	37	3.69	−0.90	12	12	7	9
1901.....	68.2	−1.8	100	31	2.95	−1.65	12	13	6	7
1902.....	73.2	+3.1	100	42	4.34	−0.57	12	12	7	8
1903.....	67.5	−2.4	96	24	7.47	+2.36	9	11	11	12
1904.....	67.1	−2.3	98	31	3.39	−1.34	13	12	6	8
1905.....	70.7	+1.1	98	38	9.58	+4.65	9	11	11	12
1906.....	68.8	−0.8	100	28	4.71	−0.71	15	8	8	8
1907	63.8	−5.0	91	31	9.48	+4.32	7	13	11	13
1908.....	70.0	+0.3	96	30	7.05	+2.00	8	13	10	10
1909.....	67.0	−2.8	92	28	6.76	+1.49	14	9	8	10
1910.....	66.0	−3.7	95	31	6.56	+1.36	12	10	9	11
1911.....	70.8	+1.0	101	26	1.11	−4.28	19	10	2	8
1912.....	69.9	+0.6	98	32	2.41	−3.21	15	11	5	6
1913.....	69.3	+0.1	99	35	3.32	−2.07	16	10	5	7
1914.....	69.5	+0.3	97	34	3.34	−2.16	12	13	6	6
1915.....	69.9	+0.3	101	34	5.58	+0.54	12	9	10	9
1916.....	71.6	+2.5	99	34	3.56	−1.74	18	7	6	6
1917.....	63.5	−5.6	97	31	3.15	−1.93	15	7	9	6
1918.....	72.2	+3.4	102	29	3.01	−2.02	17	8	6	4
1919.....	66.8	−2.3	96	38	6.01	+1.11	9	9	13	12
1920.....	70.8	+1.8	96	39	8.17	+2.86	11	9	11	12
1921.....	69.7	+0.7	99	29	2.25	−2.83	18	8	5	b

Climatological Data for May, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observer.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	68.1	− 1.7	96	31	36	3	40	1.49	−4.56	0.90	0	3	22	4	5	e.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	1.15	−5.06	0.75	0	2	22	0	9	sw.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	1.70	−2.72	1.42	0	5	21	3	7	s.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	1.77	.....	1.27	0	4	24	7	0	s.	Allen Moody.
Batesville	Independence	277	22	.....	.....	.....	.....	36	3	.....	1.60	−3.44	0.72	0	5	19	4	8	sw.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	69.2	+ 0.8	98	29†	34	3	40	1.75	−2.79	0.85	0	4	6	18	7	s.	J. E. Scanlan.
Bentonville	Benton	1303	15	66.7	+ 0.3	89	28	33	3	31	3.75	−1.47	2.75	0	8	14	13	4	s.	U. S. Weather Bureau.
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	3.42	−1.21	1.64	0	7	20	4	7	s.	S. J. Howe.
Booneville	Logan	925	7	71.4	.....	94	24†	40	3	30	2.92	.....	0.77	0	9	19	6	6	s	Supt. Tuberculosis Sa
Brinkley	Monroe	226	39	69.6	− 0.2	95	23†	38	3	40	2.88	−1.80	1.95	0	4	21	5	5	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	69.0	.....	98	24	36	3	39	2.71	−1.37	1.05	0	6	23	3	5	s.	J. M. Richardson.
Camden	Ouachita	158	35	69.8	+ 1.4	94	30†	41	3†	33	1.60	−2.91	1.07	0	4	22	8	1	sw.	A.B. Quarterman.
Centerpoint	Howard	470	24	71.1	− 0.2	94	31	40	3	34	4.15	−2.59	2.29	0	4	19	6	6	se.	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	2.20	−2.89	1.53	0	6	15	8	8	e.	J. W. Bishop.
Conway	Faulkner	309	37	70.6[a]	− 1.1	97[a]	24†	40[a]	3†	38[a]	1.70	−3.22	0.65	0	6	21[a]	8[a]	1[a]	e.	E. E. Cordrey.
Corning	Clay	293	21	69.0	+ 0.6	97	29	41	3	37	2.76	−1.27	1.59	0	7	19	8	4	s.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	1.43	...	0.52	0	5	23	0	8	sw.	J. R. Avera.
Dardanelle	Yell	330	35	.....	.....	.....	.....	40	2	.....	2.83	−2.93	1.40	0	4	18	8	5	e.	F.E.Wieser
Dodd City	Marion	1175	39	65.1	− 2.2	93	30	29	3	42	2.22	−2.90	1.41	0	4	3	26	2	s.	Neal Dodd.
Dumas	Desha	162	14	75.6	+ 4.2	95	25†	40	3†	33	2.04	−2.35	1.58	0	6	9	19	3	.....	Ben. Johnson.
Dutton	Madison	1590	19	64.3	0.0	92	29†	30	3	38	2.67	−4.19	1.05	0	9	17	11	3	s.	J. M. Ricketts.
El Dorado	Union	265	17	71.4	+ 0.5	95	31	39	4	34	4.07	−1.10	2.00	0	5	14	14	3	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	14	71.2	+ 1.4	97	29†	40[a]	4	37[a]	1.83	−2.54	1.10	0	4	13	16	2	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	68.0	+ 1.1	93	28	33	3	36	2.52	−3.52	1.11	0	4	19	11	1	sw.	George W. Nicholds.
Fayetteville	Washington	1451	35	68.6	+ 2.0	91	28†	35	3	34	0.83	−4.72	0.63	0	2	24	3	4	ne.	University of Arkansa
Fort Smith	Sebastian	481	39	71.4	+ 1.7	94	31	42	3	32	1.18	−3.73	0.56	0	7	9	15	7	e.	U. S. Weather Burea
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	1.03	−3.66	0.66	0	3	17	11	3	s.	T. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	2.67	.....	1.60	0	5	24	4	3	e.	Cleve Bell.
Gillett	Arkansas	.....	3	69.6[c]	.....	92[c]	28	40[c]	4†	36[c]	1.40	.....	1.40	0	1	24[b]	2[b]	3[b]	s.	H. E. F. Beverburg.
Grannis	Polk	921	3	66.2	.....	91	31	35	3	47	1.59	.....	1.34	0	5	23	3	5	se.	Dr. F. C. Mullins.
Gravette	Benton	1250	23	66.5	+ 0.9	89	24†	30	3	39	3.18	−2.71	1.57	0	5	10	14	7	sw.	A. F. Stevens.
Hardy	Sharp	643	24	67.2[d]	− 0.1	96[d]	28	38[d]	3†	42[d]	3.11	−1.84	1.50	0	4	18[d]	4[d]	5[d]	se.	Mrs. D. S. Madden.
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	1.76	−2.68	1.24	0	4	23	4	4	n.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	5.49	.....	3.78	0	5	16	7	8	s.	Arthur Cross.
Hope	Hempstead	377	49	72.6	+ 1.4	98	30†	44	5	38	1.27	−4.09	0.85	0	4	22	7	2	se.	N. P. O' Neal.
Hot Springs	Garland	600	28	.....	.....	.....	.....	46	6	.....	0	−6.01	0	0	0	28	2	1	s.	A. & N. Gen. Hospits
Huttig	Union	.....	14	.....	.....	94	25	.....	.....	.....	4.27	−1.51	2.00	0	5	25	0	6	.....	R. M. Johnson.
Jonesboro	Craighead	345	26	70.3	+ 0.3	98	24	40	3	35	2.28	−1.62	1.11	0	6	14	12	5	s.	Benedictine Sisters.
Junction‡‡	Union	182	28	71.2	− 0.4	96	27	38	4	35	2.64	−1.99	0.95	0	5	19	7	5	w.	J. A. Lowderback.
Little Rock	Pulaski	286	42	70.9	+ 0.5	95	30	43	3	28	0.75	−4.35	0.59	0	4	15	10	6	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	24	70.0	+ 2.3	95	29	38	3	30	1.95	−3.34	0.73	0	4	19	9	3	e.	H. Kauffeld.
Magnolia	Columbia	315	3	72.5[b]	.....	93[b]	30†	45[b]	5	35[b]	2.21	.....	1.21	0	5	10[b]	19[b]	0[b]	s.	State Agriculture Sch
Malvern	Hot Spring	277	38	69.4	0.0	95	31	38	4	36	1.53	−3.25	0.55	0	3	14	7	10	ne.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	16	67.0	+ 1.3	95	29	36	3	36	1.75	−2.41	0.64	0	5	24	4	3	s.	W. S. Vincent.
Marianna	Lee	235	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. K. Trousdale.
Marked Tree	Poinsett	229	16	72.2	.....	96	30	42	2	32	2.91	−1.51	1.19	0	6	18	10	3	se.	Charles Walton.
Marshall	Searcy	1083	6	68.6	.....	93	30	36	3	32	2.92	.....	1.31	0	6	12	17	2	se.	W. F. Reeves.
Mena	Polk	1284	83	69.6	+ 0.3	93	31	37	3	37	2.36	−4.51	2.07	0	6	13	14	4	s.	E. W. St. John.
Morrillton	Conway	347	1	.....	.....	.....	.....	.....	.....	.....	2.09	.....	1.07	0	3	12[c]	13[c]	3[c]	e.	J. W. Jackson.
Mountain Home	Baxter	800	7	66.6	.....	94	28	35	3	37	1.81	.....	0.84	0	5	20	7	4	w.	B. S. Halbert.
Mount Ida	Montgomery	730	23	68.4	.....	95	30	35	3†	45	0.84	−5.37	0.47	0	3	17	8	6	w.	G. A. Whittington.
Murfreesboro	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	1.94	.....	1.41	0	2	8	11	12	e.	Henry A. Davis.
Nail	Newton	2233	28	65.2	+ 0.7	88	29†	34	3	31	2.08	−4.46	0.80	0	6	19	7	5	s.	Charles Paxton.
Newport	Jackson	231	37	71.0	+ 0.9	97	29	42	3	32	4.58	+0.57	1.94	0	5	17	11	3	s.	George L. Robinson.
Okay	Pope	1700	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service.
Osceola	Mississippi	240	21	.....	.....	.....	.....	43[a]	3	.....	3.15	−1.44	0.95	0	6	8[a]	11[a]	11[a]	s.	Atwood P. Smith.
Ozark	Franklin	377	25	70.3	+ 1.2	94[a]	27†	38	3	32[a]	3.23	−2.94	1.42	0	5	13	7	10	se.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	2.32	.....	1.75	0	3	23	0	8	n.	W.E. Baker.
Pine Bluff	Jefferson	215	37	72.4	+ 1.1	98	30†	42	3	32	1.46	−3.29	1.22	0	4	27	0	4	s.	Roy F. Hammond.
Pocahontas	Randolph	300	29	68.9	− 0.2	95	29	37	3	34	2.95	−1.75	1.70	0	5	11	13	7	w.	Benedictine Sisters.
Portland	Ashley	122	15	70.9	0.0	98	29	42	4	32	3.80	−2.13	2.90	0	4	24	3	4	w.	W. E. Edmiston.
Prescott	Nevada	327	39	71.7	+ 0.8	96	29	42	3†	38	1.38	−3.81	0.81	0	2	14	14	3	n.	F. J. Johnson.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	1.73	−3.76	0.93	0	2	26	0	5	ne.	Foote Coleman.
Rison	Cleveland	243	17	72.0	+ 1.3	97	31	41	3	34	2.00	−1.66	2.00	0	1	15	13	3	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	67.1	+ 1.0	92	30	31	3	39	3.09	−2.19	0.96	0	7	18	6	7	s.	Carl A. Starck.
Searcy	White	236	8	66.6	.....	93	30†	37	3	28	1.76	.....	1.15	0	6	22	1	8	s.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	2.76	−1.16	1.34	0	5	22	5	4	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	70.0	+ 0.2	94	30	40	3†	31	1.98	−2.83	1.02	0	4	26	3	2	se.	H. A. Buerkle.
Subiaco	Logan	1050	24	71.0	+ 1.2	94	30	40	3	32	2.48	−3.59	0.71	0	8	22	4	5	e.	New Subiaco Abbey.
Texarkana	Miller	332	39	74.0	+ 2.5	99	31	43	3	36	2.81	−1.38	2.01	0	4	24	3	4	s.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	69.3[a]	.....	94[a]	25†	39[a]	3	31[a]	1.30	.....	0.64	0	4	25[a]	5[a]	0[a]	s.	U. S. Forest Service.
Waldron	Scott	675	2	..	.....	.....	.....	.....	.....	.....	1.90	....	0.78	0	8	7	10	14	s.	Dr. Cheves. Bevil.
Warren	Bradley	206	26	70.7[b]	− 0.3	95[b]	31	43[b]	4	31[b]	2.25	−2.44	2.00	0	2	13	14	4	ne.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	0.30	−5.39	0.20	0	2	26	2	3	se.	Miss Eulela M.Schir
Wynne	Cross	250	13	73.0	+ 3.9	95	24†	38	3	35	2.10	−1.60	0.85	0	5	26	0	5	sw.	J. M. Larkan.
State Means and Extremes				69.7	+ 0.7	99	31	29	3	47	2.21	−2.83	3.78	0	5	18	8	5	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in deter ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appea in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junc Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for May, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	.52	....	....	....	....	....	....	T.	.90	....	....	....	....	.07	T.	....	....	....	....	....	4..	....	....	....	....	....	....	T.	T.	....	1.49
Arkadelphia ‖‡	.....do	....	.40	....	....	....	....	....	....	.75	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.15
Arkansas City ‖	Mississippi	....	.12	....	....	....	....	....	....	.02	1.42	T.	....	.05	....	.09	....	....	....	....	....	....	....	T.	....	..	...	....	....	....	....	....	1.70
Bald Knob	White	.30	....	....	....	....	....	....	....	....	1.27	.12	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.77
Batesville ‖‖	.....do	....	.12	....	....	....	....	....	.08	.72	.64	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.60
Bee Branch	Arkansas	.10	.10	....	....	....	....	....	....	.70	.85	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	....	1.75
Bentonville ***	.....do	.07	....	....	....	....	....	T.	.01	....	2.75	....	....	.25	T.	....	....	....	....	....	....	....	....	....	....	....	.25	.19	....	.11	.12	....	3.75
Bergman	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	3.42
Black Rock‡‖	.....do	.36	.33	.02	....	....	..	....	T.	.05	1.64	1.00	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.92
Booneville	Arkansas	.14	.74	....	....	....	....	T.	....	....	.41	.35	....	T.	T.	.03	....	....	....	....	....	....	....	....	....	T	....	.13	.20	....	.77	.15	2.88
Brinkley ‖	White	....	.74	....	....	....	....	....	....	.08	1.95	.11	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	.01	....	....	2.71
Calico Rock ‖	.....do	1.05	.25	....	....	....	....	....	....	.17	.50	.73	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.60
Camden ‖	Ouachita	....	.14	....	....	....	....	....	....	.14	1.07	....	....	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.85	....	4.15
Centerpoint	Little River	.78	....	....	....	....	....	....	T.	2.29	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	2.20
Clarendon ‖	White	.12	.25	....	....	....	....	....	....	.08	1.53	.20	.02	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.76
Conway	Arkansas	.14	.16	....	....	....	....	....	....	....	.65	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.70
Corning	White	.52	.32	....	....	....	....	....	....	.06	.03	1.59	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.44	....	.23	....	1.43
Danville ‡‡	Arkansas	.08	.17	....	....	....	....	....	....	....	.48	.52	....	.18	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.18	....	....	2.83
Dardanelle	.....do	.21	....	....	....	....	....	....	....	....	.80	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	2.22
Dodd City	White	.29	....	....	....	....	....	....	....	....	1.41	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.40	....	....	....	....	2.04
Dumas	Arkansas	....	.10	....	....	....	....	....	.03	.20	1.58	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	.17	....	....	2.83
Dutton	White	1.05	.02	....	....	....	....	....	....	T.	.18	.25	....	.13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	2.22
El Dorado‡	Ouachita	....	1.20	....	....	....	....	T	.08	2.00	...	....	.07	T.	.72	....	....	....	....	....	....	....	....	....	....	.02	....	.50	....	....	.06	.46	2.04
England	Arkansas	.07	.11	....	....	....	....	....	....	.55	1.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	2.67
Eureka Springs	White	.35	....	....	....	....	....	T.	....	....	....	.73	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.07
Fayetteville	.....do	....	....	....	....	....	....	....	....	....	.20	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	.33	....	....	....	1.11	1.83
Fort Smith ***	Arkansas	.18	....	....	....	....	....	T.	T.	....	.30	....	....	T.	T.	.02	....	....	....	....	....	....	....	....	....	....	....	.63	....	....	....	....	2.52
Fulton ‖	Red	....	.13	....	....	....	....	....	....	T.	.66	....	....	T.	....	.24	....	....	....	....	....	....	T.	....	....	....	.02	.54	.08	....	T.	.04	0.83
Georgetown ‖	White	.67	.25	....	....	....	....	....	....	....	1.60	.10	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.18
Gillett	Arkansas	....	....	....	....	....	....	....	....	....	1.40	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.03
Grannis	Red	.03	....	....	....	....	....	....	.02	.06	1.34	....	....	....	.14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.67
Gravette	White	....	....	....	....	....	....	T.	T.	....	.60	.07	....	.16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	....	1.40
Hardy	.....do	.50	1.50	....	....	....	....	....	....	....	1.00	.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.78	T.	....	1.57	....	....	1.59
Helena	Mississippi	....	.26	....	....	....	....	....	....	T.	1.24	.22	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.18
Higden ‡	White	.48	....	....	....	....	....	....	....	.20	.73	3.78	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.11
Hope	Red	....	....	....	....	....	....	....	.26	.85	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	1.76
Hot Springs	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.49
Huttig	.....do	....	.25	....	....	....	....	....	....	1.70	2.00	.25	....	....	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	....	1.27
Jonesboro	White	.41	.20	....	....	....	....	....	.04	.11	1.11	....	.41	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.00
Junction	Ouachita	.20	....	....	....	....	....	....	T.	.38	....	T.	....	.97	.59	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.27
Little Rock ***	Arkans.	.15	....	....	....	....	....	T.	T.	.04	.55	.01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	2.28
Lutherville	.....do	.16	....	....	....	....	....	....	....	....	.73	.61	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	2.64
Magnolia	Red	....	....	....	....	....	....	....	.32	.10	1.21	....	....	....	.26	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	0.75
Malvern ‡	Ouachita	....	.53	....	....	....	....	....	.45	....	.55	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	1.95
Mammoth Spring	White	.18	....	....	....	....	....	T.	.35	....	.53	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.21
Marianna ‖	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.64	....	....	1.53
Marked Tree ‖	St. Francis	....	.75	.01	....	....	....	....	....	.07	.47	1.19	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.75
Marshall	White	.64	.06	....	....	....	....	.02	....	....	.83	1.31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.91
Mena ‡	Ouachita	....	.07	....	....	....	....	....	T.	....	2.07	....	....	....	....	.05	....	....	....	....	....	....	....	....	.04	....	....	.06	....	....	T.	....	2.92
Morrilton	Arkansas	....	....	....	....	....	....	....	....	....	1.07	.62	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	.12	2.36
Mountain Home	White	.62	....	....	....	....	....	T.	.06	....	.84	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	2.09
Mount Ida	Ouachita	.47	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	1.81
Murfreesboro ‖	.....do	....	....	....	....	....	....	....	....	....	1.41	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.31	0.84
Nari	White	.51	.10	....	....	....	....	....	....	....	.80	.40	....	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	....	....	1.94
Newport ‡	.....do	.40	.34	....	....	....	....	....	....	.30	1.60	1.94	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	T.	....	2.08
Okay	Arkansas	....	....	....	.15	....	....	....	....	....	....	....	1.57	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.58
Osceola	Mississippi	....	.40	.30	T.	....	....	....	T.	....	.70	.50	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	.....do	....	.35	....	....	....	....	....	T.	....	1.42	.46	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	.95	....	....	3.15
Patterson ‡	White	.37	....	....	....	....	....	....	....	....	1.75	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.23
Pine Bluff	Arkansas	....	.06	....	....	....	....	....	....	.05	1.22	.13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.32
Pocahontas	White	.35	.65	....	....	....	....	....	.65	....	1.70	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.46
Portland ‡	Ouachita	....	.30	....	....	....	....	....	....	.15	2.90	..	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.95
Prescott	.....do	.54	....	....	....	....	....	....	....	.84	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.80
Princeton ‖	Ouachita	....	.93	....	....	....	....	....	....	....	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	1.38
Rison ‡	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.73
Rogers	Arkansas	.21	....	....	....	....	....	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00
Searcy	White	.52	.15	....	....	....	....	....	.03	....	.28	.93	....	.28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00
Springbank ‖	Red	....	.36	....	....	....	....	....	.16	.06	.06	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.31	....	.12	.96	....	....	3.09
Stuttgart	Arkansas	.09	.04	....	....	....	....	....	....	.83	1.34	....	....	....	.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.96
Subiaco	.....do	.12	.11	....	....	....	....	....	....	....	1.02	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	2.76
Texarkana ‖	Red	.40	....	....	....	....	....	....	T.	....	.71	.33	....	.33	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.98
Umphers	Arkansas	.11	.38	....	....	....	....	....	T.	....	2.01	....	.25	....	.15	....	....	....	....	....	....	....	....	....	.41	....	....	.31	.16	....	....	....	....	2.48
Waldron	.....do	.78	....	....	....	....	....	.02	....	....	.64	.17	T.	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.81
Warren	Ouachita	....	.25	....	....	....	....	....	....	....	.57	.08	....	....	.03	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.30
Whitecliffs	Red	....	.20	....	....	....	....	....	T.	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.37	....	.02	T.	....	1.90
Wynne	St. Francis	.50	.25	....	....	....	....	....	....	.05	.85	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	0.30
																																	2.10

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for May, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.9	11.7	10.6	9.8	9.1	8.5	8.0	8.0	7.5	7.4	7.5	9.0	9.4	9.7	9.0	8.0	7.5	7.2	7.2	6.6	6.2	6.0	5.8	5.6	5.5	5.4	5.2	5.4	5.2	5.1	5.2
Dardanelle	.....do	20	16.3	15.7	11.2	9.6	8.7	8.0	7.4	6.5	6.0	5.8	5.9	5.5	6.0	6.7	7.1	7.9	6.9	6.0	5.7	5.2	4.7	4.0	4.0	3.8	3.6	3.5	3.2	3.0	3.0	3.0	3.0
Little Rock	.....do	23	19.9	19.0	17.3	15.3	13.5	11.9	10.6	9.4	8.4	7.4	7.0	6.9	6.9	6.7	7.2	7.9	8.4	7.7	6.8	6.0	5.5	5.0	4.5	4.1	3.8	3.5	3.3	3.1	3.0	2.9	2.7
Pine Bluff	.....do	25	23.9	23.3	22.2	20.6	18.8	17.6	15.5	14.4	13.3	12.3	11.5	10.9	10.9	10.9	10.7	10.2	11.9	12.1	11.4	10.7	10.4	9.7	9.3	8.8	8.3	8.1	7.9	7.7	7.6	7.5	7.4
Black Rock	Black	14	22.1	22.6	22.9	23.0	23.0	23.0	22.8	22.2	21.8	21.3	21.5	21.0	20.5	19.9	19.5	19.0	18.4	17.7	17.0	16.3	15.8	15.0	14.1	13.5	12.8	11.7	11.0	10.0	9.5	9 0	8.5
Calico Rock	White	18	12.9	10.7	9.2	8.2	7.3	6.9	6.3	5.8	5.3	5.0	6.2	8.1	8.0	7.9	6.9	6.0	5 4	4.9	4.5	4.4	3.8	3.6	3.3	3.2	3.1	3.0	2.5	2.2	2.1	2.1	2.0
Batesville	.....do	23	22.9	19.5	17.5	16.0	14.8	14.0	13.3	12.6	12.1	11.5	12.8	14.2	15.0	15.0	14.3	13.0	12.1	11.4	10.9	10.6	10.0	9.6	9.6	9.2	9.1	8.8	8.7	8.3	8.2	8.0	7.9
Newport	.....do	26	30.9	29.8	28.8	27.4	26.2	24.9	23.6	23.3	22.9	22.3	22.1	22.3	22.1	21.9	21.6	21.2	21.0	20.7	20.2	19.8	19.4	18.7	17.9	17.2	16.8	16.3	16.0	15.7	14.6	13.2	12.5
Georgetown	.....do	22	26.5	27.4	28.0	27.9	27.1	26.1	24.8	24.2	23.7	23.3	22.8	22.5	22.4	22.1	21.9	21.7	21.5	21.5	21.4	21.2	21.0	20.8	20.6	20.4	20.1	19.7	19.1	18.5	17.7	16.8	16.0
Clarendon	.....do	30	28.1	28.7	29.4	29.8	30.2	30.5	30.7	30.7	30.7	30.8	30.6	30.3	30.6	29.6	29.3	29.0	28.7	28.5	28.3	28.1	27.9	27.7	27.6	27.4	27.2	26.9	26.6	26.4	26.1	25.8	25.4
Helena	Mississippi	42	37.9	37.7	37.4	37.1	36.7	36.1	35.5	34.9	33.9	33.0	31.9	30.8	29.8	29.5	30.2	31.5	32.7	33.6	33.9	33.8	33.1	31.8	30.2	28.3	26.4	24.6	22.9	21.2	19.7	18.3	17.4
Arkansas City	.....do	42	44.3	44.7	45.0	45.2	45.4	45.4	45.2	44.9	44.5	44.1	43.5	42.6	42.0	40.9	40.1	39.7	39.8	40.0	40.2	40.4	40.4	40.0	39.4	38.5	37.1	35.7	34.1	32.3	30.7	29.0	27.4
Camden	Ouachita	49	38.1	36.5	35.0	33.4	31.0	30.0	28.0	24.7	2	2	20.0	18.1	17.5	17.5	16.3	13.1	15.3	11.5	10.5	9.2	8.7	7.5	6.7	6.3	6.1	5.9	5.8	5.7	5.6	5.6	5.5
Danville	Petit Jean	20	17.2	15.0	14.1	12.4	11.1	9.5	7.8	6.4	5.8	5.2	6.7	9.1	8.4	6.1	5.2	4.7	4.1	3.8	3.1	2.7	2.5	2.2	2.1	2.0	1.9	1.7	1.6	1.6	1.5	1.4	1.4
Fulton	Red	28	26.3	25.7	24.9	24.2	23.0	21.7	20.5	19.5	17.7	16.2	15.3	15.4	15.5	15.2	14.3	13.3	12.5	12.0	11.6	11.2	11.1	10.8	10.6	10.6	10.3	10.2	9.8	9.5	9.4	9.3	9.2
Arkadelphia	Ouachita	18	6.2	4.9	6.8	4.9	4.5	3.5	3.0	2.6	2.2	1.9	3.3	2.6	2.2	2.1	1.9	1.5	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Patterson	Cache	9	9.3	9.4	9.5	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.7	9.7	9.7	9.7	9.5	9.3	9.1	8.9	8.7	8.6	8.4	8.4	8.2	8.2	8.2	8.1	8.1	7.9	7.7	7.5

Daily Temperatures for May, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Amity	Maximum	78	78	76	64	69	71	76	80	80	80	81	77	82	88	89	79	78	80	84	86	88	92	93	94	94	94	91	89	92	91	96
	Minimum	45	48	36	37	41	41	41	50	56	57	54	51	52	53	55	59	60	48	45	46	46	58	58	59	61	61	64	62	61	63	65
Batesville §§	Maximum																															
	Minimum	45	49	36	36	40	42	48	52	57	60	53	51	54	48	53	46	45	46	54	55	54	58	61	63	65	62	63	64	60	63	61
Bee Branch	Maximum	70	63	64	67	75	80	80	75	74	79	79	85	82	79	75	75	83	87	87	90	93	93	95	96	95	93	94	97	98	98	97
	Minimum	51	41	34	39	45	45	51	58	56	57	53	53	56	54	55	48	45	47	57	58	56	60	62	64	65	62	66	63	63	64	65
Bentonville	Maximum	78	52	60	62	69	76	71	75	79	77	76	82	76	67	70	74	79	82	83	86	87	87	87	88	87	86	84	89	88	88	87
	Minimum	49	37	33	36	41	45	59	58	55	54	54	53	52	49	52	49	51	52	59	61	63	64	62	67	69	62	61	65	63	63	63
Booneville	Maximum	75	63	67	71	75	79	76	76	81	81	80	88	85	74	74	72	79	84	86	88	89	91	91	94	94	92	92	94	94	93	90
	Minimum	59	49	40	43	46	50	61	63	63	57	57	59	59	61	56	55	53	54	61	66	67	64	70	69	74	74	64	70	65	69	64
Brinkley	Maximum	71	64	63	61	75	81	83	74	75	80	82	86	86	79	74	75	80	89	89	91	94	93	95	95	93	91	90	92	93	95	95
	Minimum	49	48	38	37	41	44	48	56	57	59	56	56	56	57	56	49	44	49	56	59	57	63	64	65	69	66	67	66	66	65	63
Calico Rock §§	Maximum	63	59	65	66	76	82	81	75	78	77	81	85	82	79	77	77	82	87	88	92	92	94	96	98	96	94	95	96	95	95	95
	Minimum	44	49	36	38	40	43	48	54	57	61	54	54	55	48	57	46	48	48	53	56	58	58	60	64	66	65	66	66	63	63	65
Camden §§	Maximum	79	68	67	70	74	78	78	70	73	81	83	86	88	76	76	77	80	85	86	89	89	90	90	90	90	88	88	92	89	94	94
	Minimum	54	53	41	41	44	46	49	54	60	61	60	57	56	56	58	51	47	49	57	60	60	62	65	66	66	64	64	68	69	65	65
Centerpoint	Maximum	80	63	71	74	76	78	80	78	79	81	84	89	87	74	76	76	80	85	87	89	90	90	91	93	91	89	89	90	91	92	94
	Minimum	56	50	40	43	46	47	50	57	61	60	59	57	59	62	62	57	55	51	64	65	63	64	63	62	61	66	69	68	70	67	68
Conway	Maximum	73	68	66	70	74	80	81	74	74	82	81	87	83	76	78	77	82	87	90	93	94	94	95	97	95	93	95	95	92	97	
	Minimum	54	51	40	40	44	48	53	59	59	60	55	58	59	61	59	44	47	49	59	60	59	63	65	67	68	66	68	66	66	66	
Corning	Maximum	64	60	62	62	76	80	79	74	79	73	75	80	82	77	72	72	79	86	88	91	92	92	95	95	92	92	92	96	97	92	94
	Minimum	49	47	41	44	43	45	52	56	59	60	56	55	54	50	55	46	45	49	56	56	58	62	64	65	69	67	67	69	66	65	65
Dardanelle	Maximum																															
	Minimum	57	40	46	44	49	47	56	62	61	59	56	57	59	59	60	50	49	50	59	60	61	61	64	67	72	69	67	65	65	63	66
Dodd City	Maximum	68	60	60	64	71	77	73	75	78	72	76	81	77	73	73	73	80	83	84	87	88	88	90	91	90	86	85	91	92	93	91
	Minimum	48	42	29	32	36	40	44	49	54	51	52	50	52	43	51	42	43	41	53	54	55	56	59	62	65	61	59	62	61	60	61
Dumas	Maximum	74	68	61	64	65	78	82	73	67	78	84	83	86	80	74	68	78	75	87	89	91	92	93	93	95	94	90	95	90	94	95
	Minimum	55	54	40	40	42	45	50	47	42	61	60	53	58	67	60	52	47	51	59	60	58	68	65	66	66	66	66	71	68	67	67
Dutton	Maximum	71	58	64	67	73	77	73	74	76	76	76	80	79	74	74	76	81	83	83	83	85	87	88	87	90	88	86	82	91	92	92
	Minimum	54	44	30	31	35	39	49	56	57	55	51	49	50	48	52	41	43	43	53	53	55	54	54	59	64	59	58	58	58	58	58
El Dorado	Maximum	83	76	67	70	74	80	82	80	74	84	85	89	89	84	77	77	80	86	87	89	90	91	91	92	92	90	90	92	90	94	95
	Minimum	55	54	40	39	45	46	54	60	57	58	62	58	59	60	58	51	46	60	62	61	60	63	65	68	67	65	65	68	69	65	65
England	Maximum	76	67	67	69	75	81	90	75	69	82	85	89	85	81	75	77	82	89	89	90	92	93	94	95	94	92	92	94	97	97	97
	Minimum	54	51	42	40	45	48	54	58	60	61	59	58	59	62	60	52	47	52	59	6	57	63	65	65		65	68	69	66	66	67
Eureka Springs	Maximum	75	56	63	67	73	79	72	75	82	76	76	83	79	70	74	77	84	87	86	89	90	89	90	89	88	87	85	93	92	92	85
	Minimum	51	43	33	37	41	47	58	60	54	55	54	51	57	49	50	47	50	58	60	63	63	65	69	70	69	59	64	63	64	62	62
Fayetteville	Maximum	78	74	66	65	76	76	75	75	77	77	77	83	81	77	77	77	82	80	88	86	87	87	89	88	85	86	84	91	91	89	86
	Minimum	57	47	35	36	42	43	57	61	59	56	55	53	57	51	51	46	51	49	60	61	62	64	61	66	69	69	60	67	67	62	63
Fort Smith	Maximum	76	59	66	69	76	78	79	76	83	80	80	90	79	70	76	73	79	83	86	89	89	91	91	91	91	92	90	91	91	93	94
	Minimum	56	48	42	46	49	52	60	65	63	59	59	58	62	59	58	55	53	56	63	66	67	66	67	71	72	69	63	70	67	69	67
Gillett	Maximum	72	63	61	63	72	77	80	71			82	86	85	78	72	74	78	87	87	90	91	92	90	91	91	89	88	92	88		94
	Minimum	55	52	41	40	40	47	51	57			59	58	59	60	59	52	48	51	60	61	61	64	67	66	67	66	67	69	68		67
Grannis	Maximum	79	64	68	71	74	77	76	73	75	71	82	87	84	74	77	76	79	82	84	87	87	89	88	89	88	86	88	86	90	87	91
	Minimum	56	45	35	38	41	40	51	53	47	53	51	47	49	56	55	43	47	45	51	57	43	42	58	63	61	61	61	64	63	61	61
Gravette	Maximum	80	57	60	60	70	76	73	77	81	77	77	83	79	69	71	81	84	83	85	87	88	87	88	89	87	87	85	89	88	87	87
	Minimum	55	45	33	32	39	41	54	61	53	59	51	47	55	48	48	47	45	46	53	58	59	59	60	65	67	67	60	62	62	62	61
Hardy	Maximum	68	63	62	62	74	82		79	80	74	79			47	87	81	88	87	90	91	92	94		91	90	91	96	99	92	95	95
	Minimum	49	46	38	38	40	42		48	57	65	55			47	55	46	43	46	54	55	54	57	61		63	63	64	65	62	64	63
Hope	Maximum	83	70	69	72	75	78	83	75	83	83	84	91	87	77	78	77	82	88	89	93	94	94	93	95	94	95	92	95	97	98	98
	Minimum	58	50	56	50	44	48	58	58	60	61	60	58	58	48	48	54	48	50	63	62	62	62	66	68	71	71	72	69	68	70	67
Hot Springs	Maximum																															
	Minimum	54	51	48	50	49	46	55	51	59	59	59	59	58	55	56	55	51	53	54	54	63	60	65	67	70	72	72	69	68	67	67
Huttig	Maximum	89	87	68	69	78	82	84	80	85	86	89	87	87	92	89	85	83	86	87	84	88	93	92	93	94	93	92	90	92	91	93
	Minimum																															
Jonesboro	Maximum	66	61	62	60	73	79	82	74	79	77	77	84	81	78	72	71	76	87	93	93	93	96	97	98	96	94	95	97	97	95	93
	Minimum	49	47	40	42	46	50	51	56	59	60	56	56	58	56	55	52	47	52	58	58	58	61	64	67	69	71	69	68	68	67	68
Junction	Maximum	80	73	72	71	75	78	79	80	75	87	90	91	91	77	70	76	80	83	88	93	92	93	94	93	91	94	96	95	95	93	94
	Minimum	57	56	40	38	43	47	51	58	59	60	58	59	56	51	49	52	48	51	58	61	62	63	65	62	64	67	66	65	70	67	66
Little Rock	Maximum	69	59	63	66	72	77	78	72	69	78	80	84	81	76	72	73	78	85	88	88	89	90	89	90	90	88	88	88	89	90	95
	Minimum	53	50	43	46	48	54	58	63	61	60	59	62	63	62	59	55	54	57	65	67	65	68	70	72	70	68	69	70	70	71	70
Lutherville	Maximum	67	66	67	72	73	77	76	74	75	79	78	86	81	74	75	75	80	84	86	88	90	91	90	90	91	90	89	92	95	94	92
	Minimum	48	49	38	43	45	51	55	61	60	57	55	58	59	58	55	52	50	54	61	64	64	65	67	68	69	67	67	67	67	67	67
Magnolia	Maximum	80			75	72	80	80	77	77	81	82	87	86	84	75	76	79	85	87	89	89	90	90	89	90	88	88	92	91	93	93
	Minimum	57			47	45	52	57	60	59	61	59	61	59	61	61	51	53	50	64	65	63	65	69	68	67	68	71	69	66	66	67
Malvern	Maximum	75	74	65	64	73	74	78	79	75	75	84	88	84	82	77	79	80	85	87	87	88	90	90	91	90	88	87	91	88	93	95
	Minimum	46	50	39	38	43	45	49	57	59	60	57	54	56	62	60	49	47	49	57	59	59	61	63	64	66	64	68	65	68	67	66
Mammoth Spring	Maximum	67	59	61	62	73	78	76	69	78	77	74	88	79	74	76	73	79	83	85	87	87	88	91	90	90	87	87	92	95	91	91
	Minimum	59	46	36	39	39	42	48	56	57	60	55	52	54	52	52	47	45	49	47	54	51	53	57	61	63	65	63	62	64	66	65
Marked Tree §§	Maximum	58	60	61	74	80	84	79	80	75	80	83	85	84	72	77	78	84	87	92	96	94	95	94	94	92	95	92	95	94	94	96
	Minimum	50	42	45	47	51	54	55	59	60	58	60	61	59	58	55	56	55	56	62	63	65	67	69	71	69	70	70	70	69	69	70
Marshall	Maximum	67	60	62	64	74	77	75	73	75	74	78	82	75	72	70	73	76	83	85	87	88	89	90	91	89	88	89	91	89	89	88
	Minimum	50	45	36	39	43	47	60	61	58	58	56	55	58	52	50	48	50	52	65	65	63	64	66	69	73	70	64	70	66	65	68
Mena	Maximum	82	65	66	68	73	80	79	76	77	78	82	87	83	73	74	77	81	85	87	88	89	90	87	91	90	89	88	89	89	89	90
	Minimum	59	48	37	46	44	47	54	62	62	56	55	56	59	59	57	51	51	48	57	60	61	62	62	65	66	65	68	66	65	63	62
Mountain Home	Maximum	61	56	63	64	75	79	76	73	77	74	80	83	78	74	73	74	8	85	85	88	88	90	9	93	92	90	87	94	94	93	92
	Minimum	48	44	35	39	39	42	50	55	55	57	52	51	47	53	50	45	45	4	55	56	57	59	64	56	61	60	63	61	63	62	62
Mount Ida	Maximum	80	73	68	71	76	80	78	80	81	80	81	84	87	75	76	76	87	81	86	88	88	92	90	93	91	90	89	90	93	95	94
	Minimum	58	48	35	35	39	42	48	49	50	48	51	50	52	58	57	44	42	48	52	55	57	56	59	62	64	60	72	62	64	62	64
Nail	Maximum	61	55	56	61	68	74	70	67	72	72	73	79	74	71	69	71	78	79	79	81	82	82	82	83	84	81	79	85	88	88	87
	Minimum	52	40	34	37	42	51	54	57	55	53	52	57	54	50	48	47	48	48	58	63	64	65	67	68	68	65	57	56	66	67	69
Newport	Maximum	69	60	64	65	76	81	79	74	81	79	79	86	84	82	75	74	81	86	86	89	91	92	94	97	94	90	92	92	97	95	
	Minimum	50	50	42	43	47	49	53	57	59	60	56	57	60	57	57	52	49	55	62	62	62	66	68	69	70	67	69	70	69	69	
Osceola	Maximum																															
	Minimum		50	43	41	45	52	55	58	58	60	56	55	58	55	56	52	60	60	60	60	60	60	66	63	68	70	68	67	71	68	68
Ozark	Maximum	70	71	70	72	77	78	79	78	80		84	88	84	80	78	77	80	84	88	89	90	91	92	92	91	93	92	94	93	94	94
	Minimum	42	39	38	40	61	46	58	64	69	59	55	56	55	57	60	51	54	51	63	65	65	63	70	68	69	68	69	69	66	64	
Pine Bluff	Maximum	74	72	63	67	72	82	84	76	73	83	85	88	82	79	75	75	81	87	89	90	9	91	93	95	94	94	93	96	91	98	
	Minimum	64	54	42	43	47	52	54	60	61	60	60	59	58	62	62	55	55	55	62	65	62	65	68	68	69	67	67	71	69	68	
Pocahontas	Maximum	65	60	59	62	73	79	79	76	79	75	77	82	80	77	74	71	76	85	87	90	91	90	94	93	92	89	90	94	95	93	
	Minimum	50	46	37	44	49	53	56	56	57	59	53	54	56	54	55	50	45	52	57	56	58	61	63	65	67	67	65	67	64	67	
Portland	Maximum	84	69	62	66	74	80	85	71	75	81	86	88	81	81	72	69	71	78	78	83	85	85	94	91	94	95	92	94	98	94	
	Minimum	55	56	44	42	45	48	53	58	58	65	64	59	59	64	64	55	50	55	60	63	62	65	66	63	66	65	65	67	68	67	
Prescott	Maximum	80	69	68	71	75	80	79	78	79	80	85	90	80	84	78	80	86	87	87	89	91	92	92	93	94	94	91	91	91	95	
	Minimum	50	54	42	42	46	48	53	58	63	61	60	57	59	62	54	58	50	51	61	63	63	65	72	69	68	68	68	69	68	74	
Rison	Maximum	86	72	65	69	74	82	83	67	70	80	85	92	86	83	76	78	81	87	87	91	92	92	93	94	94	91	91	91	93	91	94
	Minimum	57	52	41	45	50	53	60	58	59	59	59	58	59	61	52	49	53	61	62	61	64	66	67	67	67	66	66	69	69	66	
Rogers	Maximum	78	61	61	64	70	77	72	78	80	78	77	81	77	68	72	75	81	83	83	87	89	88	86	89	88	89	88	92	89	92	
	Minimum	56	45	31	34	34	42	54	63	57	56	54	50	55	50	52	48	54	44	54	58	59	58	58	66	65	69	69	62	62	62	
Searcy	Maximum	69	65	65	63	68	72	73	73	68	72	75	78	78	72	70	72	72	78	80	80	82	83	84	85	85	85	82	82	84	93	
	Minimum	51	47	37	40	43	49	50	58	58	59	57	56	57	58	58	50	47	50	58	59	58	62	63	65	68	64	67	65	65	66	
Stuttgart	Maximum	69	67	61	62	72	77	79	74	67	79	84	85	83	77	71	74	77	85	86	88	89	90	89	91	92	88	89	92	88	89	
	Minimum	53	49	40	40	44	48	52	58	60	61	58	60	60	59	59	53	48	54	61	62	59	59	61	67	67	68	67	67	68	69	
Subiaco	Maximum	72	65	68	71	75	80	79	77	80	81	81	87	82	75	77	73	81	84	88	90	91	92	93	90	92	92	91	94	94	94	
	Minimum	57	50	40	41	46	48	55	65	61	58	57	57	59	59	58	52	51	53	61	64	64	63	65	68	71	68	63	69	66	68	
Texarkana	Maximum	85	71	75	75	78	82	80	76	85	83	88	93	91	87	82	83	83	88	90	95	96	96	94	95	90	89	89	93	94	93	
	Minimum	55	50	43	46	47	50	59	62	67	60	62	59	60	66	60	55	53	52	64	67	66	65	70	70	70	68	70	70	69		
Umphers	Maximum	72	71	62	65	70	74	75	74	77	78	79	81	82	78	76	78	83	84	88	89	91	93	88	93	94	87	87		94	91	
	Minimum	53	45	39	44	47	55	54	60	58	59	54	59	60	58	55	53	51	57	61	62	62	62	65	66	69	66	61		65	68	
Warren	Maximum	78	74	65	70	74	78	79	74	72	80	85	86	79	75	75	79	79	84	85	87	87			90	91	89	89	90	89	94	
	Minimum	58	55	45	43	45	48	54	54	61	61	61	61	60	60	62	64	49	53	61	62	61			65	69	69	68	72	71	62	
Wynne	Maximum	62	62	59	58	72	76	81	75	78	75	81	82	82	76	70	73	78	85	87	90	91	92	93	95	91	92	92	94	93	94	
	Minimum	50	50	38	39	41	41	51	58	59	61	57	58	60	58	57	53	49	52	64	63	61	67	68	67	70	69	70	70	68	68	

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

L. XXVI. LITTLE ROCK, Ark., JUNE, 1921. No. 6.

GENERAL SUMMARY.

survey of Arkansas's weather during June shows nothing unusual. Though the temperature and precipitation averd somewhat above normal, neither was record breaking, and ut the most noticeable feature was the large number of days 0.01 inch or more precipitation and the corresponding deency of sunshine.—Rain fell at one or more stations every day ng the month and as high as 18 rainy days were recorded in e sections. Generally speaking, the weather was favorable for ing crops, but the continued showers and cloudy days fad boll weevil development, the close of the month finding numerous in practically all southern counties and the danunusually menacing.

W. C. H.

TEMPERATURE.

e mean temperature for the month of June was 78.5° which 1° above normal; all stations except Dodd City, Marion ty, and Centerpoint, Howard County, showing positive deres. The highest monthly mean was 82.0° at Osceola, Mispi County; the lowest 72.8° at Nail, Newton County. The st temperature recorded during the month was 103° which red at Texarkana, Miller County, on the 3d and at Hardy, p County on the 12th. The lowest temperature recorded 46° at Hardy on the 8th, both extremes being within the s of previous records. The greatest daily range was 42° at y on the 8th.

PRECIPITATION.

e average precipitation for 71 stations was 4.84 inches which 0 inch above normal. The rainfall was near normal in most ns only a few stations showing large departures. The st monthly total was 12.03 inches, measured at Grannis, County; the least, 1.41 inches at Osceola, Mississippi y. The greatest amount measured in 24 consecutive hours .67 inches at Grannis on the 11th. The average number ly days was 11.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	29.92	30.18	5	29.63	24	3,336	20	nw.	28	.....	.....	39
Fort Smith...	29.92	30.11	6	29.62	24	4,663	39	w.	28	87	71	57
Little Rock..	29.94	30.12	5	29.75	24	5,573	52	s.	6	83	67	65

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 2d, 8; 3d, 8; 4th, 6; 5th, 2; 6th, 8; 7th, 12; 8th, 12; 9th, 11; 10th, 7; 11th, 7; 12th, 7; 13th, 7; 14th, 6; 15th, 6; 17th, 3; 18th, 3; 19th, 8; 20th, 9; 21st, 7; 22d, 2; 23d, 3; 24th, 2; 25th, 2; 26th, 3; 27th, 5; 28th, 10; 29th, 11; 30th, 6.

Light Hail:— Subiaco, 2d.

COMPARATIVE DATA FOR ARKANSAS---- JUNE.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
1891.....	77.9	+1.1	103	55	3.71	−0.30	11	11	8	17
1892.....	76.9	0.0	106	44	3.87	−0.28	16	10	4	8
1893.....	76.3	−0.6	99	49	5.20	+0.95	12	12	6	9
1894.....	76.6	−0.3	106	42	1.39	−2.86	17	10	3	4
1895.....	76.9	0.0	100	47	5.94	+1.69	12	10	8	10
1896.....	77.7	+0.8	103	48	1.91	−2.14	14	10	6	5
1897.....	78.0	+1.1	106	41	3.46	−0.59	12	13	5	6
1898.....	78.7	+2.3	100	60	4.86	+0.80	8	14	8	11
1899.....	77.3	+0.1	102	50	2.74	−1.22	13	12	5	6
1900.....	76.6	−0.6	100	43	7.10	+3.22	7	14	9	13
1901.....	79.4	+2.8	110	41	1.44	−2.62	16	12	2	4
1902.....	77.5	0.0	105	42	5.27	+1.37	16	9	5	6
1903.....	70.5	−6.4	99	37	2.53	−1.27	13	10	7	7
1904.....	75.3	−1.4	99	50	7.14	+2.95	11	13	6	10
1905.....	77.9	+1.6	104	44	5.90	+2.01	12	10	8	10
1906.....	76.2	−0.4	101	44	4.60	+0.33	14	10	6	8
1907	75.2	−1.2	103	39	4.48	+0.34	14	11	5	8
1908.....	76.0	−0.4	98	46	3.85	−0.26	13	11	6	8
1909.....	76.9	+0.2	104	49	4.08	−0.17	12	12	6	10
1910.....	74.1	−2.5	99	44	4.85	+0.43	12	13	5	10
1911.....	80.9	+4.2	106	47	2.53	−1.77	16	11	3	8
1912.....	73.1	−3.3	97	42	5.83	+1.82	11	12	7	9
1913.....	77.0	+0.9	103	39	1.68	−2.53	16	11	3	4
1914.....	82.3	+6.1	109	52	1.00	−3.13	19	10	1	2
1915.....	76.0	−0.4	106	45	4.92	+0.77	12	9	9	9
1916.....	75.4	−1.0	99	43	5.15	+1.10	12	10	8	8
1917.....	75.2	−1.3	105	37	4.87	+0.76	18	7	5	6
1918.....	80.5	+4.1	110	49	3.55	−0.42	15	9	6	7
1919.....	76.9	+0.1	101	45	5.11	+1.12	11	10	9	10
1920.....	74.7	−1.7	101	42	3.41	−0.93	19	6	5	6
1921.....	78.5	+2.1	103	46	4.84	+0.69	12	10	8	11

Climatological Data for June, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observer.
Amity	Clark	250	28	77.2	+ 0.4	98	1†	63	1†	35	5.14	−0.64	1.50	0	11	10	3	17	s.	Albert Dillard.
Arkadelphia ††‡‡	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	3.85	+1.66	0.95	0	9	11	0	19	s.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	3.43	−0.94	0.69	0	11	20	5	5	s.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	3.45	.....	1.23	0	6	16	11	3	s.	Allen Moody.
Batesville	Independence	277	22	78.0	+ 2.1	96	18	54	6	31	3.12	−1.12	0.76	0	11	12	8	10	se.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	79.5	+ 3.2	100	1	61	6	36	4.45	+0.78	2.00	0	11	1	18	11	s.	J. E. Scanlan.
Bentonville	Benton	1303	15	75.0	+ 1.1	90	18	58	6	28	9.23	+4.67	2.46	0	18	7	10	13	s.	U. S. Weather Bureau.
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	3.43	+0.35	0.93	0	11	19	3	8	s.	S. J. Howe.
Booneville	Logan	925	7	78.5	.....	96	17†	66	3	28	4.47	....	0.93	0	15	11	10	9	s.	Supt. Tuberculosis San.
Brinkley	Monroe	226	39	79.9	+ 2.4	98	19	60	6	34	2.17	−1.21	0.71	0	9	14	12	4	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	78.8	.....	97	1	55	6	37	2.59	−1.18	1.15	0	14	18	0	12	s.	J. M. Richardson.
Camden	Ouachita	158	35	78.4	+ 0.3	95	1†	63	3	31	4.57	−0.24	0.92	0	15	12	9	9	s.	A. B. Quarterman.
Centerpoint	Howard	470	24	78.2	− 0.6	95	1†	62	9	28	6.86	+2.38	1.40	0	11	8	12	10	se.	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	2.16	−1.06	0.61	0	8	14	7	9	sw.	J. W. Bishop.
Conway	Faulkner	309	37	79.8	+ 2.7	98	2	60	6	36	3.87	+0.02	1.70	0	13	15	8	7	e.	E. E. Cordrey.
Corning	Clay	293	21	79.6	+ 4.3	97	17	54	6	36	2.87	−1.30	1.34	0	10	14	12	4	s.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	5.15	.....	1.64	0	11	20	0	10	sw.	J. R. Avera.
Dardanelle	Yell	330	35	79.3[a]	+ 2.2	95[a]	12	61[a]	6	31[a]	3.36	−0.26	0.70	0	10	9	14	7	e.	F. E. Wieser
Dodd City	Marion	1175	39	74.6	− 1.0	92	1†	53	6	35	6.21	+1.93	1.40	0	15	3	27	0	s.	Neal Dodd.
Dumas	Desha	162	14	80.8	+ 2.8	97	29	60	5	32	5.33	+1.47	1.45	0	13	1	23	6	.....	Ben. Johnson.
Dutton	Madison	265	17	79.6	+ 0.7	96	1†	64	3	32	11.56	+6.07	2.47	0	16	7	16	7	s.	J. M. Ricketts.
El Dorado	Union	229	14	79.8	+ 2.0	98	19†	61	5	30	4.15	−0.25	0.78	0	13	11	7	12	sw.	Mrs. Virgil N. Walls.
England	Lonoke	1465	19	75.3	+ 1.6	92	28	55	6	33	3.76	−0.21	0.84	0	13	8	14	8	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1451	35	75.6	+ 1.5	92	2	62	21	28	5.21	−1.13	1.40	0	10	9	16	5	sw.	George W. Nicholds.
Fayetteville	Washington	481	39	78.6	+ 1.8	95	1	66	24	26	6.89	+2.37	1.85	0	11	15	3	12	ne.	University of Arkansas.
Fort Smith	Sebastian	264	35	.....	.....	.....	.....	.....	.....	.....	6.50	−2.50	1.58	0	16	7	7	16	e.	U. S. Weather Bureau.
Fulton	Hempstead	200	8	.....	.....	.....	.....	.....	.....	.....	4.05	+0.52	1.34	0	7	12	6	12	s.	T. J. Logan.
Georgetown	White	.....	3	79.6[b]	.....	95[b]	2†	64[b]	6	30[b]	4.22	.....	2.00	0	8	22	4	4	e.	Cleve Bell.
Gillett	Arkansas	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.02	.....	2.00	0	7	13[b]	13[b]	2[b]	se.	H. E. F. Beverburg.
Grannis	Polk	921	3	74.8	.....	94	1	58	7†	32	12.03	.....	3.67	0	11	12	12	6	se.	W. C. Mc Vay.
Gravette	Benton	1250	23	74.8	+ 1.4	91	1	61	5†	26	11.71	+6.76	3.20	0	15	6	13	11	sw.	A. F. Stevens.
Hardy	Sharp	643	24	75.5[c]	+ 0.4	103[c]	12	46[c]	8	42[c]	5.35	+1.02	3.10	0	4	8[c]	11	8[c]	nw.	Mrs. D. S. Madden.
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	3.50	+0.47	0.90	0	9	19	7	4	sw.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	4.30	.....	1.55	0	13	8	4	18	s.	Arthur Cross.
Hope	Hempstead	377	49	79.8	+ 2.2	102	2	65	1	34	4.23	+0.17	1.00	0	12	13	7	10	s.	N. P. O' Neal.
Hot Springs	Garland	600	28	79.5	+ 2.4	95	19	65	27	26	3.40	+1.34	2.00	0	7	17	4	9	s.	A. & N. Gen. Hospital.
Huttig	Union	.....	14	81.9	+ 2.8	99	1†	66	4	29	2.21	−1.95	0.60	0	7	18	3	9	.....	R. M. Johnson.
Jonesboro	Craighead	345	26	81.8	+ 4.5	100	3	60	6	32	4.91	+1.23	1.90	0	13	19	7	4	s.	Benedictine Sisters.
Junction‡‡	Union	182	28	81.3	+ 2.7	100	19	66	10	27	4.01	+0.08	2.20	0	7	20	6	4	sw.	I. A. Lowderback.
Little Rock	Pulaski	286	42	79.0	+ 1.8	94	1	67	9	23	4.67	+0.58	0.87	0	13	12	10	8	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	24	77.4	+ 2.2	95	1	65	5†	26	3.58	−1.11	1.05	0	11	14	9	7	e.	H. Kauffeld.
Magnolia	Columbia	315	3	79.0[b]	.....	95[b]	1	65[b]	4	28[b]	5.94	.....	1.72	0	9	12[b]	14[b]	2[b]	s.	State Agriculture Schoo
Malvern	Hot Spring	277	38	77.6	+ 0.2	95	19	64	6	29	5.77	+1.73	2.97	0	10	10	7	13	s.	Mrs. Kate L. Smith.
Mammoth Spring	Fulton	512	16	77.3	+ 3.4	93	1	53	6	37	3.44	+1.02	0.71	0	9	10	16	4	sw.	W. S. Vincent.
Marianna	Lee	235	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. K. Trousdale.
Marked Tree	Poinsett	229	16	81.2	.....	97	2†	62	5	30	3.07	−0.03	1.03	0	10	7	19	4	se.	Charles Walton.
Marshall	Searcy	1083	6	78.0	.....	94	18†	60	6	26	2.83	.....	0.66	0	13	4	25	1	sw.	W. F. Reeves.
Mena	Polk	1208	33	76.8	+ 0.9	98	18	62	21	32	9.31	+4.45	2.70	0	15	9	11	10	s.	E. W. St. John.
Morrillton	Conway	347	1	.....	.....	.....	.....	67[e]	25	.....	6.11	.....	1.05	0	13	7	13	10	s.	L. W. Jackson.
Mountain Home	Baxter	800	7	77.2	.....	95	18†	54	6	34	4.66	.....	0.70	0	13	12	13	6	s	B. S. Halbert.
Mount Ida	Montgomery	730	23	76.5	....	96	1	59	7	35	7.29	+2.87	2.80	0	11	9	11	10	sw.	G. A. Whittington.
Murfreesboro ††	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	5.55	.....	2.50	0	13	4	13	13	e.	Henry A. Davis.
Nail	Newton	2233	28	72.8	+ 1.2	88	1	58	6	27	9.25	+4.19	2.00	0	15	10	13	7	s.	Charles Paxton.
Newport	Jackson	231	37	80.8	+ 3.2	98	20	62	6	32	5.09	+1.47	1.06	0	8	10	13	7	sw.	George L. Robinson.
Okay	Pope	1700	6	74.8	.....	98	18	61	30†	28	4.94	.....	0.80	0	16	10	11	9	s.	U. S. Forest Service.
Osceola	Mississippi	240	21	82.0	+ 4.9	99	2	62	5	32	1.41	+2.06	0.80	0	4	6	14	10	.....	Atwood P. Smith.
Ozark	Franklin	377	25	78.4	+ 0.5	96	1	58	20	36	4.48	+0.09	1.79	0	13	5	1	24	sw.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	4.43	.....	1.95	0	5	12	1	17	s.	W. E. Baker.
Pine Bluff	Jefferson	215	37	81.5	+ 2.7	100	19	68	4†	31	4.35	+0.56	2.64	0	10	20	3	7	s.	Roy F. Hammond.
Pocahontas	Randolph	300	29	79.8	+ 3.8	96	19†	60	6	31	3.65	−0.07	1.30	0	9	7	18	5	s.	Benedictine Sisters.
Portland	Ashley	122	15	81.7	+ 3.1	99	1†	65	3	32	3.51	−0.38	1.02	0	9	12	9	9	s.	W. E. Edmiston.
Prescott	Nevada	327	39	80.1	+ 1.6	98	19	60	11	29	4.57	+0.95	2.10	0	11	8	15	7	n.	F. J. Johnson.
Princeton ††‡‡	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	4.49	+0.24	2.00	0	9	21	0	9	sw.	Foote Coleman.
Rison	Cleveland	243	17	80.8[d]	+ 3.4	99[d]	2†	65[d]	4†	33[d]	2.76	−1.32	1.43	0	7	1[e]	16[e]	10[e]	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	74.6	+ 1.4	93	18	57	6	30	4.42	−0.31	2.08	0	15	15	4	11	s.	Carl A. Starck.
Searcy	White	236	8	79.0	.....	95	19†	61	6	31	2.88	.....	0.70	0	11	14	8	8	s.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	10.24	+6.53	3.10	0	13	12	4	14	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	79.4	+ 2.0	96	19	62	6	31	3.46	−0.61	1.36	0	8	15	9	6	s.	H. A. Buerkle.
Subiaco	Logan	1050	24	79.2[e]	+ 2.1	97[e]	1	66[e]	20	30[e]	3.88	−0.14	0.85	0	16	12	11	7	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	80.8	+ 1.8	103	3	62	8	33	4.65	−1.05	2.10	0	9	14	6	10	s.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	77.6[b]	.....	96[b]	1†	62[b]	20†	28[b]	3.56	.....	1.04	0	13	15[b]	11[b]	2[b]	s.	U. S. Forest Service.
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	5.00	.....	1.59	0	16	10	4	16	s.	Dr. Cheves. Bevil.
Warren	Bradley	206	26	79.7	+ 1.2	95	19†	61	5	31	2.16	−1.89	0.50	0	8	9	15	6	se.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	5.45	−1.93	1.30	0	8	13	4	13	se.	Miss Eulela M. Schir
Wynne	Cross	250	13	81.2	+ 3.8	97	28†	62	6†	32	5.05	−1.91	2.10	0	9	21	1	8	sw.	J. M. Larkan.
State Means and Extremes				78.5	+ 2.1	103	3†	46	8	42	4.84	+0.60	3.67	0	11	12	10	8	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in deter ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appe in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows: June Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for June, 1921.

ations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
.....	Ouachita	....	....	....	T.	....	....	T.	.73	1.50	.10	.20	....	1.41	....	....	....	....	....	.15	....	.19	....	....	.40	.60	....	.20	....	....	....	....	5.14
delphia ‖	.....do	....	....	....	....	....	....	....	....	.30	.40	.45	....	....	....	....	....	....	....	....	.95	.20	.35	....	.40	.60	....	.20	....	....	....	....	3.85
nsas City ‖	Mississippi	....	....	....	....	.05	....	.14	....	T.	.29	.69	.10	.60	.20	.01	....	....	T.	....	.30	....	....	....	.35	....	.25	....	....	....	....	....	3.43
Knob	White	....	....	....	....	....	....	....	.40	1.23	.20	.47	....	.75	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	3.45
ville ‖	.....do	....	....	....	....	....	....	T.	T.	.76	.68	T.	.76	.06	.12	.26	....	....	....	....	....	....	T.	....	.16	T.	.14	T.	.04	.08	.06	....	3.12
Branch	Arkansas	....	....	....	....	....	....	.10	T.	2.00	T.	....	1.25	....	.20	.20	....	....	....	....	....	.10	....	.20	.10	.10	T.	.10	.10	T.	....	....	4.45
onville ***	.....do	....	.59	.37	....	....	T.	.26	.08	.02	1.55	.65	T.	....	....	T.	....	....	....	.03	.09	.10	.33	2.46	.27	.30	.30	.25	1.27	.31	....	....	9.23
man	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
k Rock ‖	.....do	....	....	.06	....	....	....	.58	.22	.89	.05	....	....	....	....	....	....	....	....	.10	....	....	....	....	.15	....	.20	.08	.17	....	.93	....	3.43
eville	Arkansas	....	....	.12	.02	.16	....	.06	.62	.62	....	....	.23	T.	.03	....	....	....	....	.93	....	....	T.	.29	.22	.10	....	....	.30	.67	.10	....	4.47
kley ‖	White	....	....	....	....	....	....	.14	....	....	.42	.21	.71	.13	....	.11	....	....	....	....	....	.08	....	....	.06	....	....	....	....	.31	....	....	2.17
o Rock ‖	.....do	....	....	.02	.05	....	....	.03	T.	.10	1.15	....	.29	....	....	....	T.	....	....	....	....	.09	.01	.11	.24	.04	.02	....	.34	....	.10	....	2.59
len ‖	Ouachita	....	....	....	.08	.18	....	....	....	.19	.13	.92	.40	.06	.91	....	....	....	....	....	.34	.28	.67	.01	.22	....	.11	.07	....	....	....	....	4.57
erpoint	Little River	....	....	....	....	....	T.	T.	1.40	.65	.83	.95	T.	T.	....	....	....	....	....	.21	....	.13	.97	.67	.51	.23	....	....	....	.31	....	....	6.86
ndon ‖	White	....	....	....	....	....	....	.05	....	T.	.02	.60	.23	....	.24	.21	....	....	....	....	....	....	.61	....	.20	....	....	....	....	....	....	....	2.16
way	Arkansas	.07	....	....	....	....	....	.07	.54	1.70	....	.19	....	.08	.02	.06	....	....	....	....	....	.06	.95	....	.01	.07	.05	....	....	....	....	....	3.87
ning	White	....	....	....	....	....	....	....	.30	.44	.18	....	....	....	....	....	....	....	....	....	1.34	.18	....	.05	.05	....	.20	.09	.04	....	....	....	....	2.87
ville ‖	Arkansas	....	....	T.	....	....	....	T.	T	1.50	.06	T.	....	.20	.50	....	.37	....	....	....	....	.10	T.	.20	.21	.16	....	....	....	1.64	.21	....	5.15
danelle	.....do	....	....	....	....	.25	....	.52	.29	....	.10	....	.30	....	.20	....	.60	....	....	....	....	....	....	.70	.20	....	....	....	.20	....	....	....	3.36
d City	White	....	.05	1.02	....	....	....	1.40	.06	.63	.40	.26	....	.41	.03	.21	....	....	....	....	....	.03	....	.83	.54	.28	....	.06	....	....	....	....	6.21
as	Arkansas	....	....	....	.06	....	.24	T.	.20	1.29	1.45	.45	.05	.03	....	....	....	....	....	....	T.	T.	.03	.12	.06	.25	....	....	....	1.16	....	....	5.33
on	White	....	....	.54	....	....	....	T	.71	1.86	.32	.07	....	1.44	T.	....	....	....	....	.34	.47	2.47	....	.80	.78	.57	....	.12	.74	.32	.01	....	11.56
orado ‖	Ouachita	....	....	....	.60	....	....	.03	....	.72	.20	.40	.30	.15	.52	....	....	....	....	.08	.78	T.	T.	.05	.15	....	....	.17	....	....	....	....	4.15
land	Arkansas	....	....	....	....	....	T.	.47	.12	.32	.14	.10	.15	.13	.05	.33	....	....	....	....	....	.45	....	.02	.70	T.	....	....	....	....	.08	....	....	3.76
ka Springs	White	....	....	.65	....	....	....	.57	.17	.17	.67	.11	....	....	....	....	....	....	....	T.	....	T	....	1.10	1.40	.16	....	....	.21	....	T.	....	5.21
etteville	.....do	....	....	1.06	....	....	T.	T	T.	.42	.64	T.	....	....	....	....	....	....	....	T.	1.05	.44	.12	1.85	.61	.10	....	.18	....	.42	....	....	6.89
Smith ***	Arkansas	....	1.17	T.	.07	....	.04	.92	T.	.96	....	.11	T.	.02	....	....	....	....	....	.11	....	.10	T.	.97	.07	.03	....	.15	.85	.83	.10	....	6.50
on ‖	Red	....	....	....	....	....	....	....	.11	.38	....	1.34	1.00	T.	....	....	....	....	....	....	T	....	.53	.28	T.	.41	....	T.	....	....	....	....	4.05
rgetown ‖	White	....	....	....	....	....	....	.05	....	.65	2.00	....	....	.32	.95	.05	....	....	....	....	....	....	.10	....	.10	....	....	....	....	....	....	....	4.22
ett	Arkansas	....	....	.89	....	....	....	....	.08	T	2.00	.02	.65	T.	.08	....	....	....	....	....	....	....	T.	....	....	.30	T.	....	....	....	T.	....	4.02
nnis	Red	....	....	T.	....	....	T.	.80	2.88	.03	3.67	....	T.	....	....	....	....	....	....	.02	2.88	....	....	1.22	.33	.02	....	....	....	.10	.08	....	12.03
vette	White	....	.70	T.	....	....	....	1.05	.45	07	3.20	.05	T.	....	....	....	....	....	....	.07	....	.07	.18	2.80	.16	.70	.71	....	.31	1.19	..	....	11.71
dy	.....do	....	....	....	....	....	....	....	1.40	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	.40	....	....	3.15	....	....	5.35
ena ‖	Mississippi	....	T.	....	....	.06	....	....	....	....	.22	.96	.34	.94	.52	....	....	....	....	....	....	....	....	....	.22	....	.06	....	....	....	.18	....	3.50
den	White	....	....	T.	....	....	T.	.14	1.33	....	.16	.50	....	.25	....	....	....	.16	.14	.18	....	.44	.34	....	.40	.22	.04	....	....	....	....	....	4.30
e	Red	....	....	....	....	.23	.51	.13	.08	1.00	.82	T.	.33	....	....	....	....	....	....	....	.04	.42	....	.53	.10	....	.04	....	....	....	....	....	4.23
Springs	Ouachita	....	....	....	....	....	....	....	....	2.00	.09	....	....	.02	....	....	....	....	....	.13	.11	....	....	.25	....	....	.80	....	....	....	....	....	3.40
tig	.....do	....	....	....	....	....	.20	....	....	....	....	.40	.29	.30	....	....	....	.60	....	....	....	....	.30	....	.12	....	....	....	....	....	....	....	2.21
esboro	White	....	....	....	....	....	....	.39	.54	.12	.10	.52	.10	1.97	.08	....	....	....	T	....	....	....	....	.07	.08	....	T	....	.64	.06	.24	....	4.91
ction	Ouachita	....	....	....	.19	....	T.	....	.48	.27	....	....	.31	....	....	....	....	....	T	2 20	T	.18	T.	.38	....	....	....	....	....	....	....	....	4.01
le Rock ***	Arkansas	....	T.	....	....	....	.52	.16	.26	.74	.73	.01	T.	.10	....	.09	....	....	....	T.	....	.57	....	.71	.02	T.	.01	....	.75	....	T.	....	4.67
nerville	.....do	....	....	.16	....	....	....	.30	.16	.70	....	....	.34	.06	....	....	....	....	....	....	.08	....	....	1.05	.35	.37	....	.01	....	....	....	....	3.58
nolia	Red	....	....	....	....	....	1.72	.11	....	.87	1.27	....	.09	....	....	....	....	....	....	....	....	1.12	.16	.26	....	....	.34	....	....	....	....	....	5.94
vern ‖	Ouachita	....	....	....	....	....	....	.10	....	.17	2.97	.40	....	....	....	....	....	....	....	....	.25	.45	.50	T.	.38	.45	.10	....	....	....	T.	....	5.77
nmoth Spring	White	....	....	....	....	....	....	....	.18	.48	.12	T.	....	....	.71	.41	....	....	....	....	....	....	....	T.	....	....	.54	.32	....	.30	.38	....	3.44
anna ‡	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
rked Tree ‖	St. Francis	....	....	....	....	....	....	T	....	.30	.12	.27	....	.03	1.03	.10	.13	....	....	....	....	.03	....	....	T.	.55	....	....	....	.51	....	T.	....	3.07
shall	White	.04	....	T.	....	....	....	.12	.28	.53	.21	.38	....	.12	.08	.06	....	....	....	.04	.32	T.	....	.66	.04	....	....	T.	....	....	T.	....	2.83
a ‡‡	Ouachita	....	....	.14	.10	1.55	....	T.	....	1.76	.21	.22	....	.19	.02	....	....	....	....	....	.93	.29	.01	.20	.72	.27	T.	....	....	....	....	2.70	....	9.31
rillton	Arkansas	....	....	....	....	....	....	.47	....	.91	1.05	.14	.20	....	....	.75	.91	....	.73	....	.08	....	.08	....	.23	....	.12	.44	....	....	....	....	....	6.11
ntain Home	White	....	T.	....	.47	....	....	T.	.09	.60	.12	.26	....	....	....	.40	....	....	....	.34	.24	.22	....	.98	.70	.12	T.	.12	....	....	....	....	....	4.66
nt Ida	Ouachita	....	....	....	....	....	....	.57	.65	2.80	....	....	....	.12	....	....	....	....	.63	....	.43	....	....	.42	.39	....	....	....	.52	.33	.43	....	7.29
reesboro ‖	.....do	....	....	....	....	....	....	....	....	2.59	.69	.17	.33	....	.09	.11	....	.18	....	.17	....	.13	.15	.23	.19	.21	....	....	.31	....	....	....	5.55
l	White	....	....	.30	....	....	....	.73	.53	2.00	1.05	.15	.40	.40	....	....	....	....	....	T	T.	.10	T.	2.00	.54	.15	....	.30	.30	T.	.30	....	9.25
yport ‖	.....do	....	....	....	....	....	....	....	....	90	1.05	....	.84	.10	....	....	....	....	....	....	....	....	.20	....	.19	....	....	....	....	1.06	.75	....	5.09
y	Arkansas	....	....	.33	....	....	....	.45	.73	.68	.85	.04	....	.08	....	.25	....	....	....	....	....	.02	....	.49	.36	.13	.14	.27	.01	.11	....	....	4.94
ola	Mississippi	....	....	....	....	....	....	....	....	....	.40	....	.20	....	T.	....	....	....	....	....	....	....	.01	....	....	....	....	T.	....	.80	....	....	1.41
rk	.....do	....	....	.15	....	.35	.10	.67	1.79	....	.08	....	....	....	....	....	....	....	....	....	.20	....	....	1.05	.35	.37	....	.01	....	....	....	....	4.48
erson ‡	White	....	....	....	....	....	....	....	.30	1.95	.73	.55	....	.90	....	....	....	....	....	....	....	....	....	.25	.12	....	.22	.14	.21	.20	....	....	4.43
e Bluff ‖	Arkansas	....	....	....	....	....	....	.18	....	....	.09	2.68	.19	.06	.18	....	....	....	....	....	....	.37	.01	.01	.65	....	....	....	....	....	....	....	4.35
ahontas	White	....	....	....	....	....	....	....	.15	1.30	.60	.15	.10	....	....	....	....	....	....	....	....	....	....	.55	....	.20	....	.30	....	....	.30	....	3.65
dland	Ouachita	....	....	.21	.04	....	....	.10	.29	.50	1.02	.37	....	....	....	....	....	....	....	....	....	....	....	.22	....	.76	....	....	....	....	....	....	3.51
scott	.....do	.14	....	....	....	....	T.	.28	.06	.69	.17	....	....	....	....	....	....	T.	....	....	2.10	.30	....	.20	.40	....	.03	....	.20	..	....	....	4.57
neeton ‡	Ouachita	....	....	....	....	....	....	....	.25	.50	.20	.15	.50	.29	....	....	....	....	....	....	....	.30	2.00	.50	....	....	....	....	....	....	....	....	4.49
on ‡	.....do	....	....	....	....	....	....	.21	.02	1.43	.33	.15	....	....	....	....	....	....	....	....	....	.45	....	....	....	.17	....	....	....	....	....	....	2.76
ers	Arkansas	....	.10	.07	....	....	.05	.37	.03	.16	.57	....	....	.08	....	....	....	....	....	....	T.	.11	.30	....	1.38	.70	.17	....	.20	....	.13	T.	....	4.42
rey	White	....	....	....	....	....	....	.12	.39	.45	.36	.70	.25	....	.01	.12	....	....	....	T.	....	....	.15	....	.09	.24	....	....	....	T.	....	....	....	2.88
ingbank ‡	Red	....	....	....	....	.12	....	T.	.46	.48	T.	3.10	.25	.35	.09	....	....	....	....	....	2.73	T.	1.76	.40	.05	T.	.20	.25	....	....	....	....	10.24
ttgart	Arkansas	T.	....	....	....	....	....	....	.10	.62	.81	1.36	....	.02	....	....	....	....	....	....	....	.04	....	.15	.36	....	T.	....	....	....	....	....	3.46
aco	.....do	....	.38	.31	....	....	.06	.37	.33	.70	T.	.28	T.	.07	T.	.01	....	....	....	.10	.01	....	T.	.85	.35	.01	....	.04	T.	T.	.01	....	3.88
arkana ‖	Red	....	....	....	....	....	....	.20	.40	....	2.10	T.	....	....	....	....	....	....	....	....	.05	....	.45	.35	.45	.55	.10	....	....	....	....	....	4.65
phers	Arkansas	....	....	....	....	.06	.12	.03	1.04	....	....	....	.29	....	....	....	....	....	.03	.33	.04	....	....	.56	.14	.17	....	....	.14	T.	.61	....	3.56
ldron	.....do	....	....	.09	.20	.17	.07	.20	.24	....	....	.32	.44	....	....	....	....	....	....	.25	.12	....	....	.56	.03	.19	....	....	.52	.51	1.08	....	5.00
rren	Ouachita	....	....	.20	....	....	....	.25	T.	.35	.50	.37	.14	....	....	....	....	....	.15	....	T.	....	....	.20	T.	....	T.	....	....	....	T.	....	2.16
ttecliffs	Red	....	....	....	....	....	....	....	1.30	....	....	.60	.80	1.10	....	....	....	....	....	....	....	....	.25	.80	.40	.20	....	....	....	....	....	....	5.45
nne	St. Francis	....	.50	....	....	....	....	T.	.48	.15	.30	.12	.20	2.10	....	1.10	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.05

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next owing measurement. ‖Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for June, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
t Smith	Arkansas	22	5.4	5.4	5.3	6.1	7.4	7.4	7.9	7.9	7.5	11.3	13.6	11.6	12.5	14.1	12.9	11.3	10.9	9.9	9.0	8.7	8.9	8.4	8.3	12.8	18.9	21.4	21.2	21.9	20.7	20.8	....
rdanelle	.....do	20	3.0	3.0	3.4	3.5	3.4	4.3	5.0	5.3	5.8	6.3	9.2	11.7	10.5	11.0	12.0	11.0	9.7	9.0	7.4	....	7.0	7.0	6.8	6.6	12.2	17.4	18.6	18.8	19.2	18.5	....
tle Rock	.....do	23	2.6	2.5	2.4	2.5	2.4	2.8	2.8	4.0	4.8	5.4	5.8	7.4	12.2	11.4	11.4	12.0	11.4	10.1	9.5	8.5	7.5	6.9	6.5	6.5	6.3	11.2	16.3	17.9	18.3	18.4	....
le Bluff	.....do	25	7.3	7.1	7.1	7.0	7.0	7.1	7.2	7.3	8.2	9.0	9.5	9.9	13.0	15.4	14.6	14.9	15.2	14.4	13.7	12.5	12.1	11.2	10.8	10.4	10.3	10.2	16.5	19.6	20.7	21.7	....
ick Rock	Black	14	8.0	7.5	7.0	6.5	6.2	6.0	6.0	5.8	5.8	6.1	6.1	6.1	6.4	6.4	6.6	6.6	6.0	6.0	5.8	5.7	5.7	5.6	5.3	5.3	5.0	5.0	5.0	5.0	5.4	....
ico Rock	White	18	1.9	1.8	1.9	1.8	1.7	2.3	2.6	2.6	2.6	2.9	2.6	4.3	5.7	4.7	5.5	4.6	3.8	3.8	3.3	3.0	2.7	2.6	2.4	2.7	6.1	8.5	7.2	6.5	7.4	5.6	....
tesville	.....do	23	7.7	7.7	7.6	7.6	7.5	7.5	8.3	8.4	8.5	8.7	8.5	8.4	11.1	11.0	10.6	10.8	10.1	9.6	9.4	8.9	8.6	8.3	8.2	8.4	9.7	13.3	14.7	13.1	13.8	12.9	....
wport	.....do	26	11.6	11.0	8.6	7.5	7.1	6.7	6.4	6.1	6.1	6.2	6.4	6.6	6.8	6.9	6.9	7.7	7.6	7.4	7.1	6.7	6.4	6.1	5.9	5.8	5.7	5.8	6.1	9.8	10.1	9.8	....
orgetown	.....do	22	14.4	13.0	11.8	10.8	9.8	9.0	8.4	7.9	7.9	7.9	8.0	8.5	8.8	9.0	10.5	11.3	11.5	11.4	10.9	10.1	9.5	9.0	8.4	7.8	7.4	6.8	7.7	10.3	11.9	12.4	....
rendon	.....do	30	25.0	24.5	23.9	23.2	22.4	21.6	20.6	19.7	18.7	17.8	17.2	16.7	16.4	16.5	16.6	17.0	17.6	17.9	18.1	18.1	17.9	17.5	16.9	16.4	15.8	15.2	14.7	14.6	15.5	16.6	....
lena	Mississippi	42	16.7	16.2	16.0	15.8	16.0	16.5	17.2	18.0	18.4	18.6	18.7	19.1	19.6	19.9	20.0	20.1	20.0	19.4	18.5	17.5	16.9	16.5	16.0	15.5	15.2	15.3	15.9	16.6	17.5	18.2	....
kansas City	.....do	42	25.9	24.5	23.5	22.6	22.1	21.9	21.9	22.3	22.7	23.0	23.3	23.6	23.8	24.3	24.9	25.7	26.2	26.3	25.8	25.2	24.3	23.3	22.5	21.7	21.0	20.5	20.2	20.8	22.9	24.5	....
mden	Ouachita	49	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.2	5.2	5.2	5.2	10.3	12.1	11.6	13.0	12.0	10.6	9.0	8.4	8.0	7.2	7.9	8.5	9.3	9.5	9.0	8.6	8.0	7.5	7.1	....
nville	Petit Jean	20	1.6	2.0	1.4	1.2	1.2	5.2	7.6	6.3	8.9	10.1	8.2	5.7	4.3	6.2	6.7	6.1	4.7	4.0	3.7	3.2	3.2	3.1	3.0	3.4	3.7	3.1	2.9	2.6	5.2	7.9	....
lton	Red	28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ladelphia	Ouachita	18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.8	3.3	3.0	2.9	3.4	2.9	2.0	1.5	1.2	1.1	1.0	1.1	1.1	1.2	2.0	1.5	1.4	1.2	1.3	1.2	1.1	....
tterson	Cache	9	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	5.1	5.2	5.4	5.5	5.6	5.6	5.3	5.0	4.7	4.4	4.1	4.0	3.8	3.8	3.7	3.7	3.7	3.7	4.0	4.2	4.3	4.3	....

Daily Temperatures for June, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Amity	Maximum	98	95	98	94	91	95	91	88	88	79	86	84	87	87	87	89	91	93	95	95	78	80	81	83	84	88	90	93	91	89	....
	Minimum	63	64	64	63	63	60	63	66	63	63	70	65	67	68	67	66	67	66	65	66	66	67	70	67	65	66	67	66	66	66	....
Batesville §§	Maximum	94	92	95	86	84	90	86	82	78	83	85	88	92	90	90	91	92	96	94	91	91	87	88	84	87	87	89	93	92	95	....
	Minimum	63	63	64	66	62	54	60	65	65	69	62	67	68	68	70	68	68	68	70	66	67	67	73	72	69	72	70	68	69	67	....
Bee Branch	Maximum	100	99	98	90	88	97	94	86	81	88	88	91	92	87	92	94	95	96	96	95	94	90	86	85	86	89	94	94	95	94	....
	Minimum	66	67	69	68	62	61	67	66	67	69	65	67	69	69	67	67	67	68	70	67	67	69	71	67	65	69	67	68	65	66	....
Bentonville	Maximum	89	88	82	81	80	86	83	79	81	81	86	89	87	87	86	87	90	90	88	87	86	77	72	69	79	83	78	90	80	87	....
	Minimum	65	65	65	66	62	58	66	66	69	68	69	66	69	70	69	68	66	68	68	67	65	66	66	66	66	67	68	67	66	64	....
Booneville	Maximum	95	94	90	88	84	89	84	84	82	87	88	90	88	89	90	90	96	96	88	90	85	82	78	77	83	89	89	93	90	84	....
	Minimum	67	73	66	71	67	66	70	69	69	71	69	69	70	72	72	73	71	72	69	66	67	71	70	66	68	69	72	72	66	67	....
Brinkley	Maximum	96	97	96	87	87	92	92	92	86	81	82	88	91	90	92	93	95	96	98	96	90	91	92	89	92	94	95	95	96	95	....
	Minimum	66	68	62	65	63	60	67	67	69	68	68	65	68	70	67	69	70	70	70	67	67	67	74	71	70	70	70	72	69	70	....
Calico Rock §§	Maximum	97	95	94	87	87	92	89	86	79	86	82	92	94	92	92	95	96	95	96	92	92	90	87	80	85	90	92	92	93	92	....
	Minimum	64	65	65	68	59	55	58	65	70	71	67	68	70	70	68	68	68	69	68	66	68	70	72	72	68	70	70	69	69	68	....
Camden §§	Maximum	95	93	94	92	89	91	89	84	82	78	84	89	86	89	89	90	91	94	95	91	78	85	84	85	89	88	89	91	92	89	....
	Minimum	65	66	63	65	66	65	68	69	72	68	70	68	69	69	69	69	70	69	70	69	69	68	69	69	67	70	71	70	70	69	....
Centerpoint	Maximum	95	92	91	92	89	91	90	88	87	82	86	87	86	88	88	88	90	91	94	95	89	87	85	88	81	85	91	90	88	86	....
	Minimum	68	69	69	67	68	70	68	67	62	63	64	66	69	72	70	70	70	70	71	70	69	69	68	67	66	65	63	65	67	68	....
Conway	Maximum	97	98	97	92	89	96	93	86	82	83	84	93	89	87	92	93	95	93	97	97	90	90	88	87	89	89	92	91	94	90	....
	Minimum	67	70	67	72	65	60	73	68	69	70	69	67	67	69	69	69	69	69	68	68	67	69	74	70	67	70	70	69	69	69	....
Corning	Maximum	96	96	96	86	84	90	93	85	85	81	84	92	94	95	93	95	97	94	96	95	92	90	88	87	91	92	93	92	96	94	....
	Minimum	66	67	68	65	56	54	62	67	69	70	68	70	70	71	70	69	71	71	68	68	68	70	72	72	70	69	70	68	68	69	....
Dardanelle	Maximum	90	90	93	89	86	92	87	83	83	85	87	95	90	89	89	94	93	92	....	92	82	85	84	83	87	91	93	93	91	89	....
	Minimum	68	70	68	69	69	61	69	71	70	71	70	70	71	76	72	69	69	70	....	67	69	72	74	70	69	70	71	70	67	68	....
Dodd City	Maximum	92	92	89	82	82	88	88	82	78	83	80	89	83	87	87	88	88	90	92	87	88	81	79	76	78	86	87	90	90	90	....
	Minimum	61	64	62	63	56	53	64	63	65	67	66	63	65	66	67	65	65	65	63	64	62	64	66	66	63	62	66	67	63	62	....
Dumas	Maximum	95	96	90	91	90	96	91	89	92	88	86	86	93	93	93	91	95	95	97	93	89	89	90	90	90	93	95	90	97	92	....
	Minimum	67	67	68	67	60	64	67	69	71	70	69	70	71	70	70	71	71	72	72	72	70	68	74	73	70	70	70	72	70	70	....
Dutton	Maximum	91	92	87	86	84	88	82	81	80	81	82	87	89	87	86	86	91	90	91	88	89	80	77	69	73	82	82	88	85	86	....
	Minimum	58	60	61	62	57	53	64	66	66	66	66	62	64	67	63	63	60	62	60	60	59	64	66	63	64	64	65	65	61	59	....
El Dorado	Maximum	96	96	96	93	92	91	89	86	85	86	88	90	88	91	91	92	93	95	94	92	86	86	86	88	90	91	92	94	94	92	....
	Minimum	65	69	64	65	65	65	68	69	71	68	72	69	70	69	69	69	68	70	69	70	67	68	68	69	68	68	69	69	70	70	....
England	Maximum	97	97	96	91	90	92	93	86	82	78	85	90	93	92	92	93	94	91	98	98	86	89	89	87	92	92	94	95	96	88	....
	Minimum	68	69	66	65	61	63	69	68	70	68	69	66	69	70	70	70	71	70	69	70	68	68	75	70	63	71	71	70	69	70	....
Eureka Springs	Maximum	91	90	87	84	83	88	82	82	82	85	88	87	87	87	86	89	89	91	87	91	80	71	72	79	84	82	92	83	87	....	....
	Minimum	63	70	64	64	58	55	67	63	66	67	67	65	69	69	68	69	65	70	69	66	64	65	66	64	64	66	69	71	65	64	....
Fayetteville	Maximum	91	92	84	87	89	87	87	79	80	79	84	86	85	86	85	86	88	89	89	84	89	80	75	74	78	87	80	91	88	85	....
	Minimum	63	67	64	67	64	65	69	67	67	69	67	65	66	68	69	68	66	68	68	64	62	67	67	67	66	67	65	71	67	63	....
Fort Smith	Maximum	95	93	89	90	86	89	88	84	87	87	82	89	87	90	92	91	93	93	92	88	91	83	76	73	83	90	87	91	88	86	....
	Minimum	69	68	68	70	69	66	68	69	69	72	71	70	72	73	72	72	72	72	71	70	70	71	70	66	68	69	67	68	68	69	....
Gillett	Maximum	....	95	94	91	88	94	89	87	84	85	86	87	91	90	91	91	93	94	95	90	85	89	....	87	86	90	92	93	93	91	....
	Minimum	....	67	65	66	66	64	68	68	70	69	70	70	70	70	71	71	72	70	72	69	68	....	70	72	70	71	71	70	70	....	....
Grannis	Maximum	94	91	90	91	88	88	88	84	78	80	80	85	85	86	85	85	87	88	88	90	79	78	76	78	79	81	83	87	86	84	....
	Minimum	62	64	62	59	62	66	58	67	66	66	67	67	66	67	67	66	65	63	64	65	58	68	66	65	65	62	67	64	65	76	....
Gravette	Maximum	91	89	84	81	80	86	82	79	80	84	86	87	86	86	87	87	88	88	87	86	86	77	77	71	79	83	85	88	78	86	....
	Minimum	65	65	65	66	61	61	67	66	67	66	67	65	66	70	72	71	67	68	67	64	64	65	64	66	66	63	67	68	65	62	....
Hardy	Maximum	96	94	94	85	84	92	92	88	78	84	85	103	93	92	91	73	....	96	96	94	95	92	85	85	89	91	93	....	95	....	....
	Minimum	63	66	65	68	63	54	64	46	68	69	67	70	68	68	68	67	....	68	67	67	68	69	74	71	68	67	68	....	68	....	....
Hope	Maximum	99	102	99	95	93	91	86	80	83	82	89	85	93	91	94	94	96	96	98	95	79	84	85	81	88	91	93	94	98	94	....
	Minimum	65	69	66	65	67	68	65	69	68	65	67	71	70	71	70	70	71	70	68	69	68	68	67	68	67	70	71	71	71	69	....
Hot Springs	Maximum	90	90	90	92	92	90	91	90	88	92	90	91	88	90	88	90	90	92	95	92	87	84	88	82	88	90	89	91	90	90	....
	Minimum	70	70	70	69	70	72	70	69	66	69	70	70	67	70	70	70	71	70	69	68	67	68	73	68	69	70	65	72	72	70	....
Huttig	Maximum	99	97	93	95	90	94	92	87	88	86	89	93	92	93	94	95	84	85	86	83	89	89	85	89	90	94	93	95	98	99	....
	Minimum	76	79	68	66	70	73	68	71	70	75	73	78	69	67	66	69	70	71	73	72	69	70	68	71	73	74	75	80	81	84	....
Jonesboro	Maximum	97	97	100	92	87	93	94	92	87	86	87	94	97	94	95	95	95	93	97	97	95	95	92	91	94	92	95	96	98	96	....
	Minimum	70	69	68	72	63	60	69	69	69	70	69	70	69	70	70	70	74	73	72	69	70	70	74	71	69	71	71	70	70	70	....
Junction	Maximum	96	95	97	96	94	96	95	89	83	86	90	92	93	94	95	94	96	98	100	93	88	84	86	90	91	90	93	95	97	93	....
	Minimum	70	71	70	70	68	69	70	69	67	66	68	70	71	70	73	72	73	75	73	70	71	69	71	70	68	67	68	70	70	72	....
Little Rock	Maximum	94	94	93	88	86	91	89	81	79	78	83	88	85	87	88	90	92	90	93	92	83	86	84	83	86	88	89	89	90	84	....
	Minimum	74	76	72	73	68	68	70	70	67	68	69	68	71	71	71	72	73	72	74	70	69	69	72	70	67	72	72	69	70	70	....
Lutherville	Maximum	95	92	93	87	87	90	83	82	79	83	86	91	88	87	85	90	92	93	92	86	85	81	82	74	82	88	88	90	87	83	....
	Minimum	69	71	67	70	65	66	68	67	67	70	68	70	70	70	70	69	69	66	66	69	69	65	68	67	65	68	71	68	67	66	....
Magnolia	Maximum	95	94	91	91	90	90	86	81	80	80	87	87	83	88	....	89	90	92	94	....	92	87	82	85	89	88	90	90	92	91	....
	Minimum	67	71	67	65	67	68	69	68	67	69	69	71	68	71	....	79	72	70	71	....	66	69	69	68	69	71	71	72	71	70	....
Malvern	Maximum	91	90	94	89	87	88	86	82	76	77	82	81	85	90	88	90	93	94	95	91	80	81	78	85	84	87	90	91	90	88	....
	Minimum	66	68	65	65	66	64	68	69	68	68	70	66	69	70	68	69	70	69	67	68	69	70	73	69	67	71	70	70	71	69	....
Mammoth Spring	Maximum	93	89	91	84	83	90	86	85	76	83	82	90	91	89	90	89	90	91	90	93	90	87	85	86	86	87	89	89	92	87	....
	Minimum	64	66	65	67	59	53	64	65	65	69	69	68	68	68	67	66	67	68	69	67	67	70	72	71	67	69	68	67	68	68	....
Marked Tree §§	Maximum	96	97	88	87	92	96	93	91	85	81	92	97	96	88	89	96	97	95	94	92	89	90	89	90	90	92	93	93	94	96	....
	Minimum	70	67	72	66	62	68	69	72	70	70	68	69	71	69	73	74	73	72	69	72	70	72	75	71	70	70	72	69	70	71	....
Marshall	Maximum	89	92	91	82	81	86	87	86	80	83	85	87	88	84	88	91	92	94	94	85	88	87	83	79	83	88	90	88	90	89	....
	Minimum	66	70	71	68	61	60	69	68	69	70	70	69	70	69	71	72	70	73	70	68	69	67	70	68	67	71	72	74	68	66	....
Mena	Maximum	96	95	90	88	85	87	88	85	79	83	85	89	87	90	88	89	91	98	93	88	88	80	75	78	82	86	88	89	90	85	....
	Minimum	64	67	66	65	65	64	67	69	67	68	69	68	67	68	68	68	67	68	65	64	62	68	68	64	65	65	69	69	66	65	....
Mountain Home	Maximum	94	94	93	84	83	88	86	86	77	83	85	90	93	91	91	90	93	95	94	91	91	89	84	78	86	88	91	92	94	95	....
	Minimum	64	65	64	65	56	54	66	63	66	68	66	64	67	67	66	65	65	67	65	64	64	69	70	67	66	67	68	69	66	65	....
Mount Ida	Maximum	96	94	95	92	89	90	88	86	87	86	85	89	89	90	89	88	93	93	94	92	80	82	79	80	82	87	89	91	88	84	....
	Minimum	61	65	63	62	63	62	59	66	67	63	65	66	66	70	67	64	66	65	63	64	61	63	69	67	66	64	66	67	65	66	....
Nail	Maximum	88	86	86	81	82	85	79	77	74	76	79	85	84	84	83	82	84	85	85	85	84	78	77	68	70	78	79	85	81	82	....
	Minimum	67	70	63	64	61	58	63	62	64	66	64	66	66	65	64	64	66	66	68	66	64	65	62	62	62	65	68	67	64	64	....
Newport	Maximum	95	97	96	89	90	94	92	86	82	81	84	87	91	91	91	93	97	95	97	98	90	90	88	87	91	93	91	94	92	95	....
	Minimum	70	73	69	70	64	62	71	70	69	70	69	70	71	71	70	72	75	73	71	69	70	71	75	72	71	72	71	72	70	70	....
Osceola	Maximum	96	99	97	98	95	96	96	94	94	92	90	87	88	96	94	92	94	95	95	94	97	94	92	92	95	93	90	94	92	92	....
	Minimum	68	70	69	70	62	64	71	69	72	72	70	68	68	72	68	69	72	72	71	72	73	71	73	74	72	72	72	72	70	71	....
Ozark	Maximum	96	95	93	90	88	90	85	84	80	86	85	91	91	73	72	71	69	69	68	58	69	71	72	67	68	69	69	68	68	68	....
	Minimum	67	70	68	68	68	64	71	70	70	70	71	70	71	73	72	71	69	69	68	58	69	71	72	67	68	69	69	68	68	68	....
Pine Bluff	Maximum	98	98	95	91	88	95	94	88	88	79	85	92	94	95	95	94	95	96	100	96	88	89	90	90	92	98	95	96	97	92	....
	Minimum	71	70	69	68	68	68	69	69	70	70	68	67	70	70	71	71	72	72	70	69	69	74	71	71	70	70	73	72	71	71	....
Pocahontas	Maximum	93	94	94	88	83	91	92	85	83	84	85	91	92	90	91	92	94	91	96	96	93	91	88	86	90	91	92	93	94	92	....
	Minimum	70	68	69	68	62	60	68	65	68	70	69	69	69	70	69	74	71	70	72	69	68	70	71	73	76	69	70	69	69	69	....
Portland	Maximum	99	99	97	95	93	98	95	89	83	91	91	83	92	94	95	95	97	97	99	95	89	95	90	92	90	93	96	95	98	98	....
	Minimum	70	67	65	68	66	68	67	70	70	69	69	70	70	70	70	69	69	70	70	72	70	69	68	73	73	70	69	71	72	72	....
Prescott	Maximum	97	95	95	95	95	93	89	86	86	85	88	86	91	90	91	90	93	94	98	94	80	89	82	90	87	90	91	93	94	91	....
	Minimum	69	68	68	66	72	73	69	68	72	69	60	73	69	70	69	68	70	69	69	66	71	69	70	70	70	74	71	78	69	....	....
Rison	Maximum	98	99	99	96	....	....	97	86	85	87	....	91	93	93	93	95	96	97	96	83	91	89	87	92	93	97	97	92	....	....	....
	Minimum	69	68	66	65	....	....	65	69	70	68	....	67	70	68	70	70	71	70	70	67	68	67	73	70	70	71	70	70	69	....	....
Rogers	Maximum	88	88	84	81	80	87	82	78	81	79	82	89	89	87	87	88	90	93	91	88	87	78	75	70	79	84	80	91	82	88	....
	Minimum	65	65	65	65	62	57	65	65	63	64	63	64	65	69	67	69	64	66	65	64	64	66	67	66	64	66	67	70	65	66	....
Searcy	Maximum	93	93	94	88	88	92	90	84	79	81	84	90	92	90	89	90	93	93	95	93	88	87	85	83	88	89	91	93	95	94	....
	Minimum	68	71	67	70	64	61	69	66	68	68	68	66	70	70	69	68	70	70	69	67	68	68	72	70	68	70	67	70	69	70	....
Stuttgart	Maximum	94	93	95	87	86	93	90	87	85	77	78	89	90	92	90	91	94	92	96	91	87	89	88	86	89	90	92	94	95	91	....
	Minimum	67	70	66	65	66	62	67	69	69	70	70	67	70	71	71	71	72	71	71	68	[illegible]	69	75	71	70	71	71	70	71	69	....
Subiaco	Maximum	97	....	....	....	....	....	84	87	84	87	82	92	91	89	90	94	95	96	93	92	[illegible]	85	84	76	84	91	92	92	91	86	....
	Minimum	67	....	....	....	....	....	70	71	70	71	69	69	70	70	70	72	71	66	[illegible]	72	71	68	69	66	68	69	68	71	70	67	67	....
Texarkana	Maximum	100	96	103	96	94	96	96	89	85	86	90	92	93	94	94	91	93	94	95	92	83	82	85	85	87	89	91	93	95	100	....
	Minimum	70	72	70	67	67	67	64	62	70	68	70	70	71	73	71	73	71	73	71	69	70	69	70	68	67	72	73	72	72	74	....
Umphers	Maximum	96	94	94	89	96	89	87	85	89	86	86	....	89	87	87	90	95	90	90	89	82	....	83	79	80	86	89	89	88	85	....
	Minimum	70	68	66	63	69	67	67	68	66	67	68	....	64	69	68	66	67	80	66	62	64	....	68	65	65	67	69	69	65	62	....
Warren	Maximum	93	93	93	92	87	92	90	84	81	81	84	83	86	90	90	89	93	94	95	91	83	87	86	87	89	90	92	94	95	88	....
	Minimum	69	70	62	68	61	62	69	70	72	68	71	70	71	71	71	72	73	73	73	69	71	69	73	72	72	72	72	79	73	72	....
Wynne	Maximum	95	94	95	87	85	93	94	90	89	85	84	88	92	95	90	92	95	94	96	95	94	90	89	88	92	95	96	97	97	97	....
	Minimum	71	71	66	72	65	62	62	70	71	71	70	68	70	70	71	72	73	73	73	69	71	70	74	74	73	73	69	74	72	70	....

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occur

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

UNIVERSITY OF ...
AUG 27 ...

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

L. XXVI. LITTLE ROCK, Ark., JULY, 1921. No.7.

GENERAL SUMMARY.

The weather during the month of July was hot and dry, the perature averaging 2.2° above normal and the precipitation 3 inches below, but these values are well within the limits of vious years. The dry weather following a rather wet June, favorable for cotton, causing it to put on squares and check- boll weevil, but weevil were numerous as far north as Law- ce and Independence counties, sections heretofore untouched. as too dry for corn and some damage resulted to the late crop northeastern counties, but the bulk of it escaped. A small ch crop was harvested under favorable conditions and most ers were favorably effected.

W C. H.

TEMPERATURE.

he mean temperature for the month of July was 82.0° which 2° above normal; all stations except Dodd City, Marion nty, showing positive departures. The highest monthly mean 88.2° recorded at Huttig, Union County; the lowest 76.4° ail, Newton County. The highest temperature recorded ng the month was 107° at Wynne, Cross County, on the and at Bee Branch, Van Buren County, on the 31st. The st was 54° at Dutton, Madison County, on the 23d. In most ions the highest occurred on the 31st and the lowest about 23d. The greatest daily range was 39° at Mountain Home, ter County, on the 23d.

PRECIPITATION.

he average precipitation for the State was 2.42 inches which 43 inches below the July normal. Although the geograph- distribution was irregular, most of the heavier totals are d in the southwestern sections with positive departures at a stations in the eastern and northeastern counties. The great- nonthly total was 5.46 inches measured at Fulton, Hemp- l County; the least 0.30 inch at Ozark, Franklin County. greatest amount measured in 24 consecutive hours was 2.80 es at Huttig, Union County, on the 13th. The average num- of rainy days was 6.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	30.00	30.16	12	29.64	2	2,989	18	s.	3	.....	.....	74
Fort Smith...	29.97	30.15	12	29.72	2	4,210	42	nw.	14	83	57	81
Little Rock..	29.99	30.19	26	29.77	2	5.030	33	nw.	14	85	60	77

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 2; 4th, 1; 5th, 5; 6th, 8; 7th, 10; 8th, 10; 9th, 9; 10th, 2; 11th, 2; 12th, 2; 13th, 11; 14th, 10; 15th, 7; 16th, 2; 18th, 2; 19th, 9; 20th, 3; 23d, 1; 24th, 1; 25th, 3; 26th, 1; 30th, 4; 31st, 4.

Solar Halos:— 5th, 1; 11th, 1; 18th, 1; 30th, 1.

Lunar Halos:— 13th, 1.

Light Hail:— 8th, 1.

Dense Fog:— 16th, 2; 17th, 1.

COMPARATIVE DATA FOR ARKANSAS---- JULY.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	76.5	−4.6	103	50	7.24	+4.14	13	8	10	10
1892.....	79.0	−1.3	104	50	3.58	−0.44	10	11	10	10
1893.....	80.9	+0.6	103	59	2.94	−1.08	17	11	3	6
1894.....	78.4	−1.9	108	51	3.98	−0.04	17	9	5	6
1895.....	78.9	−1.4	104	55	7.34	+3.32	12	10	9	12
1896.....	83.4	+3.2	110	52	1.61	−2.30	16	11	4	4
1897.....	82.4	+2.2	109	50	3.25	−0.66	16	11	4	5
1898.....	79.9	−0.1	105	50	4.25	−0.38	12	13	6	8
1899.....	79.0	−1.1	100	52	5.14	+1.97	15	11	5	8
1900.....	79.7	−0.7	102	51	4.46	+0.63	10	15	6	9
1901.....	83.7	+3.5	116	50	2.49	−1.36	15	13	3	6
1902.....	79.4	−0.7	105	50	4.49	+0.26	14	12	5	6
1903.....	79.6	−0.6	105	53	3.86	+0.06	13	12	6	9
1904.....	77.9	−2.0	104	49	4.43	+0.59	13	13	5	10
1905.....	76.7	−3.3	106	51	7.60	+3.67	10	13	8	13
1906.....	76.7	−3.4	99	48	5.96	+2.17	13	9	9	10
1907	81.4	+1.2	108	53	1.96	−2.08	21	8	2	4
1908.....	79.2	−0.9	103	48	3.00	−0.97	15	12	4	8
1909.....	81.9	+1.7	106	50	2.51	−1.73	19	9	3	5
1910.....	79.4	−0.7	105	41	5.46	+1.50	15	12	4	10
1911.....	78.4	−1.8	106	43	4.83	+0.97	9	14	8	11
1912.....	81.3	+1.4	104	56	2.82	−1.61	15	13	3	6
1913.....	81.5	+1.6	104	55	4.31	+0.35	13	14	4	8
1914.....	82.6	+2.8	110	54	2.69	−1.05	11	15	5	7
1915.....	77.1	−1.8	107	43	2.40	−1.74	20	7	4	5
1916.....	82.8	+3.2	106	55	2.09	−1.93	19	9	3	6
1917.....	79.6	−0.3	106	50	5.10	+1.18	15	9	7	8
1918.....	79.6	−0.1	111	49	1.53	−2.53	19	7	5	4
1919.....	81.2	+1.2	104	54	1.91	−1.82	19	8	4	5
1920.....	79.8	−0.3	105	52	4.22	+0.43	15	10	6	7
1921.....	82.0	+2.2	107	54	2.42	−1.43	19	8	4	6

Climatological Data for July, 1921.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observer.
Amity	Clark	250	28	80.4	+ 0.1	101	6†	63	24	34	3.45	−0.64	1.50	0	7	20	7	4	s.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	2.55	−1.45	1.20	0	4	22	1	8	e.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	4.97	+1.00	1.86	0	8	25	3	3	s.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Allen Moody.
Batesville	Independence	277	22	82.2	+ 2.4	104	31	58	23	33	1.80	−1.39	0.62	0	7	18	3	10	sw.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	83.2	+ 3.3	107	31	59	22	38	1.15	−2.41	0.40	0	5	5	23	3	sw.	J. E. Scanlan.
Bentonville	Benton	1303	15	79.0	+ 0.5	99	30	60	22	27	0.54	−3.77	0.30	0	5	21	6	4	s.	U. S. Weather Bureau.
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	2.62	−1.22	2.04	0	6	23	2	6	s.	S. J. Howe.
Booneville	Logan	925	7	83.1	.....	101	30†	66	22†	27	2.17	.....	0.85	0	8	24	4	3	s.	Supt. Tuberculosis San
Brinkley	Monroe	226	39	83.1	+ 2.9	105	31	59	23	34	1.69	−2.52	0.64	0	5	19	8	4	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	82.2	.....	101	31	56	23	37	2.41	−0.83	1.10	0	10	21	6	4	s.	J. M. Richardson.
Camden	Ouachita	158	35	81.2	+ 0.2	98	5	64	23	30	3.14	−0.85	1.62	0	10	19	5	7	sw.	A. B. Quarterman.
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	3.79	+0.11	1.07	0	5	16	6	9	sw.	J. W. Bishop.
Conway	Faulkner	309	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. E. Cordrey.
Corning	Clay	293	21	83.1	+ 4.3	104	13	59	22†	35	0.51	−3.21	0.48	0	2	18	11	2	s.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	3.18	.....	1.62	0	6	26	1	4	w.	J. R. Avera.
Dardanelle	Yell	330	35	82.2	+ 1.3	99	28	63	23	27	2.75	−0.98	1.15	0	5	16	11	4	e.	F. E. Wieser
Dodd City	Marion	1175	39	78.4	− 0.9	100	30	58	22†	34	2.01	−2.68	1.03	0	5	17	14	0	s.	Neal Dodd.
Dumas	Desha	162	14	82.9	+ 1.7	102	31	63	23	30	3.17	−0.67	0.98	0	8	5	21	5	.....	Ben. Johnson.
Durton	Madison	1590	19	77.2	+ 2.1	98	31	54	23	35	1.41	−2.74	1.16	0	4	17	10	4	s.	J. M. Ricketts.
El Dorado	Union	265	17	81.5	+ 0.2	100	31	63	24	30	.....	.....	.....	0	.....	13[g]	4[g]	7[g]	.....	Mrs. Virgil N. Walls.
England	Lonoke	229	14	83.4	+ 1.9	104	31	60	23	35	1.00	−1.98	0.34	0	7	20	4	7	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	80.7	+ 2.9	101	30[r]	60	22	31	0.69	−3.47	0.48	0	3	23	0	8	sw.	George W. Nicholds.
Fayetteville	Washington	1451	35	79.2	+ 1.5	98	30†	60	22†	29	1.08	−3.05	0.90	0	2	27	2	2	ne.	University of Arkansa
Fort Smith	Sebastian	481	39	82.7	+ 1.8	98	30	67	23	26	3.15	−0.69	2.13	0	7	13	14	4	e.	U. S. Weather Bureau
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	5.46	+1.96	2.05	0	8	16	8	7	e.	P. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	1.89	.....	0.55	0	5	29	2	0	s.	Cleve Bell.
Gillett	Arkansas	.....	3	82.7[k]	.....	101[k]	31	64[i]	26	29[i]	2.98	.....	1.25	0	3	11[k]	8[k]	1[k]	nw.	H. E. F. Beverburg.
Grannis	Polk	921	3	78.6	.....	94	6†	61	23	26	5.43	.....	2.20	0	10	21	5	5	s.	W. E. Mc Vay.
Gravette	Benton	1250	23	78.8	+ 1.6	99[e]	30	60[e]	21	29[e]	0.58	−4.45	0.38	0	1	22[e]	5[e]	1[e]	sw.	A. F. Stevens.
Hardy ††.	Sharp	643	24	82.2	+ 3.1	101[b]	29	59[i]	22	32[i]	.....	.....	.....	0	.....	17[b]	12[b]	0[b]	s.	Mrs. D. S. Madden.
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	4.38	+0.54	2.06	0	6	24	1	6	s.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	2.27	.....	0.90	0	6	16	5	10	sw.	Arthur Cross.
Hope	Hempstead	377	49	82.5[b]	+ 2.2	101[b]	31	66[b]	24	31[a]	3.51	−1.08	1.14	0	6	19[a]	6[a]	5[a]	sw.	N. P. O' Neal.
Hot Springs	Garland	600	28	82.8	+ 1.7	100	31	66	25	26	1.85	−2.69	1.10	0	4	22	5	4	s.	A. & N. Gen. Hospita
Huttig	Union	.....	14	88.2	+ 6.3	106	31	64	9	33	4.47	+0.38	2.80	0	3	24	2	5	.....	R. M. Johnson.
Jonesboro	Craighead	345	26	84.2	+ 3.3	103	14†	62	23	31	4.26	+1.13	1.00	0	6	13	12	1	sw.	Benedictine Sisters.
Junction‡‡	Union	182	28	83.4	+ 2.2	103	31	64	24	35	0.72	−3.40	0.40	0	2	21	4	3	w.	J. A. Lowderback.
Little Rock	Pulaski	286	42	82.2	+ 1.6	99	31	68	23	25	1.44	2.55	0.51	0	8	18	9	4	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	21	82.0	+ 2.8	102	31	66	22	29	1.23	−2.35	0.75	0	5	23	5	3	ne.	H. Kanfeld.
Magnolia	Columbia	315	3	82.6	.....	105	8	65	23	33	1.56	.....	0.70	0	6	4	22	5	s.	State Agriculture Sch
Malvern	Hot Spring	277	38	81.4	+ 0.4	100	31	62	23	28	4.90	+1.48	2.45	0	8	14	6	11	se.	Mrs. Kate L. Smith.
Mammoth Spring	Fulton	512	16	80.6	+ 2.8	96	12†	58	23	33	1.32	−2.68	0.60	0	4	21	10	0	s.	W. S. Vincent.
Marianna	Lee	235	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marked Tree	Poinsett	229	16	83.0	.....	101	3†	63	20	31	2.55	−0.40	0.83	0	6	14	16	1	n.	Charles Walton.
Marshall	Searcy	1083	6	81.7	.....	99	30	61	23	26	1.96	.....	1.08	0	8	17	18	0	ne.	W. F. Reeves.
Mena ††.	Polk	1208	33	80.2	0.0	98[a]	31	61	23	30[a]	3.36	−1.08	1.35	0	11	18	9	4	s.	E. W. St. John.
Morrillton	Conway	347	1	.....	.....	.....	.....	.....	.....	.....	2.22	.....	1.28	0	4	13	15	3	s.	J. W. Jackson.
Mountain Home	Baxter	800	7	81.2	.....	101	28†	56	23	39	0.87	.....	0.21	0	6	19	11	1	sw.	B. S. Haibert.
Mount Ida	Montgomery	730	23	80.0	.....	99	31	62	23	28	3.01	−0.81	2.0	0	6	16	14	1	sw.	A. A. Whittington.
Murfreesboro ††	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	3.33	.....	0.90	0	7	16	3	12	e.	Henry A. Davis.
Nail	Newton	2233	28	76.4[a]	+ 1.1	99[a]	31	61[a]	24†	21[a]	2.20	−2.9[a]	1.00	0	8	21[a]	9[a]	0[a]	s.	Charles Paxton.
Newport	Jackson	231	37	84.0	+ 2.9	102	6	65	23	28	2.27	−0.85	0.90	0	8	16	13	2	s.	George L. Robinson.
Okay	Pope	1700	6	78.8[d]	.....	95[d]	30	63[i]	23	26[i]	2.39	.....	0.68	0	7	25	6	0	s.	U. S. Forest Service.
Osceola	Mississippi	240	21	84.0	+ 3.3	102	14†	65	23†	31	2.71	−0.88	1.20	0	6	9[b]	6[b]	14[b]	s.	Atwood P. Smith.
Ozark	Franklin	377	25	83.4[c]	+ 1.9	101[c]	30†	66[c]	22	36	0.50	−3.40	0.20	0	2	.....	.....	.....	.....	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	0.51	.....	0.30	0	2	24	0	7	sw.	W. E. Baker.
Pine Bluff	Jefferson	215	37	84.2	+ 2.2	104	31	67	23	32	1.68	−2.18	0.85	0	7	27	2	2	s.	Roy F. Hammond.
Pocahontas	Randolph	300	29	82.6	+ 2.7	101	14	60	23	31	3.42	+1.28	1.50	0	8	8	23	0	w.	Benedictine Sisters.
Portland	Ashley	122	15	83.7	+ 2.3	102	31	65	2	32	2.40	−2.3	0.85	0	5	17	9	5	s.	W. E. Edmiston.
Prescott ††.	Nevada	327	39	82.4	+ 0.6	100	6	67	23	30	3.27	+0.0	1.47	0	6	22[a]	3[a]	5[a]	n.	F. J. Johnson.
Princeton ††.	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	3.65	−0.45	1.45	0	4	23	0	8	se.	Foote Coleman.
Rison	Cleveland	243	17	86.4[a]	+ 4.3	105[a]	31	64[a]	23	33[a]	1.89	−1.88	0.72	0	4	6[a]	20[a]	4[a]	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	79.1	+ 2.3	101	30	59	22†	34	1.64	−2.76	1.46	0	4	26	3	2	s.	Carl A. Starck.
Searcy	White	236	8	83.4	.....	103	31	62	23	29	2.50	.....	0.72	0	8	19	3	9	s.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	4.21	+1.24	1.27	0	7	22	4	5	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	83.7	+ 3.0	105	31	62	23	31	1.27	−3.08	0.30	0	7	18	12	1	sw.	H. A. Buerkle.
Subiaco	Logan	1050	24	84.2	+ 1.5	103	29†	64	23	32	1.67	−1.81	0.80	0	6	21	9	1	sw.	New Subiaco Abbey.
Texarkana	Miller	332	39	81.0	+ 1.7	105	7	69	23†	32	5.25	−2.10	1.52	0	8	20	6	5	s.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	81.0	.....	100	31	66	22	30	2.89	.....	2.00	0	6	25	5	1	s.	U. S. Forest Service.
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	1.37	.....	0.61	0	5	13	14	4	s.	Dr. Cheves. Bevil.
Warren	Bradley	206	2	82.6	+ 0.8	101	31	65	23	29	3.39	−0.28	1.53	0	4	19	9	3	sw.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	3.21	+1.27	1.20	0	4	21	3	7	sw.	Miss Eulela M. Schi
Wynne	Cross	250	13	84.8	+ 4.6	107	4	62	23	36	2.37	−1.11	1.70	0	4	26	0	5	sw.	J. M. Larkan.
State Means and Extremes				82.0	+ 2.2	107	4†	54	23	29	2.42	−1.43	2.80	0	6	19	8	4	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in det ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], app in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Ju Randolph, La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark

Daily Precipitation for July, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita	....	....	....	....	....	....	.17	.22	.27	....	....	....	.20	T.	1.50	....	....	....	.70	.39	....	....	....	T.	T.	....	....	....	....	....	....	3.45
rkadelphia ‖	do	....	....	....	....	....	....	....	....	.20	....	....	....	.20	.95	....	....	....	....	....	1.20	....	....	....	....	....	....	....	....	....	....	....	2.55
rkansas City ‖	Mississippi	....	....	....	....	....	....	....	T.	.46	1.40	....	....	....	....	1.86	.15	.02	T.	.01	1.05	.02	....	....	....	T.	....	....	....	....	....	....	4.97
ald Knob	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
atesville ‖	do	.02	T.	....	....	T.	....	....	.04	.56	....	.30	....	....	....	T.	....	.22	....	....	.62	....	....	....	....	T.	....	....	....	....	T.	.04	1.80
ee Branch	Arkansas	....	....	....	....	....	T.	T.	....	....	....	....	.40	....	....	....	....	....	.20	.20	....	....	....	.25	T.	....	....	....	....	....	.10	....	1.15
entonville ***	do	....	....	....	....	.04	....	....	....	.30	....	....	.15	.02	.03	....	....	....	T	....	....	....	....	....	....	....	....	....	....	....	....	....	0.54
ergman	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
lack Rock ‖	do	....	.03	....	....	....	....	.06	....	....	....	....	....	....	....	....	....	....	....	T.	2.04	....	....	....	....	.16	.04	....	....	....	.29	....	2.62
ooneville	Arkansas	....	....	....	....	....	....	.23	....	....	T	....	.02	....	....	.85	....	.37	.25	.15	.26	....	....	....	....	.04	....	....	....	....	....	....	2.17
rinkley ‖	White	....	....	....	....	....	....	.41	....	.64	.34	....	T.	.21	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	1.69
alico Rock ‖	do	.33	....	....	....	....	....	....	1.10	.08	.05	.10	....	....	.08	T.	.41	....	.01	.05	....	....	....	....	....	.20	....	....	....	....	....	....	2.41
amden ‖	Ouachita	.11	....	....	....	....	....	.24	....	.17	.06	.52	....	....	.28	....	1.62	....	....	....	.04	....	....	....	....	....	.05	.05	....	....	....	....	3.14
enterpoint	Little River	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
larendon ‖	White	....	....	....	....	....	....	.50	....	.37	.90	....	....	....	....	....	....	....	....	....	1.07	.95	....	....	....	....	....	....	....	....	....	....	3.79
onway	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
orning	White	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	.03	....	.48	....	....	....	....	....	....	....	....	....	....	....	0.51
anville ‖	Arkansas	T.	....	....	....	....	....	....	....	.41	....	.11	.48	....	....	.30	.26	T.	....	....	1.62	....	....	....	....	....	....	....	....	....	....	....	3.18
ardanelle	do	....	....	....	....	....	....	....	.30	....	....	....	.60	....	.10	....	....	....	....	1.15	....	....	....	....	....	.60	....	....	....	....	....	....	2.75
odd City	White	....	....	....	....	....	....	1.03	....	....	.05	....	....	.22	.06	T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.01
umas	Arkansas	....	....	....	....	....	T.	....	T.	.98	.11	....	.02	....	....	....	.35	.52	.30	T.	....	....	....	....	....	....	T.	.86	.03	....	....	.65	....	3.17
utton	White	....	....	....	....	T.	....	.07	....	....	.02	T.	....	....	....	1.16	....	....	....	.16	....	....	....	....	T.	....	....	....	....	....	....	....	....	1.41
l Dorado ‖	Ouachita	....	....	....	....	....	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	.87	....	....	....	....	....	....	....	T.	....	....	....	....	....
ngland	Arkansas	....	....	....	....	....	T.	....	.34	.04	.05	....	....	.02	....	.10	....	T.	....	....	.34	....	....	....	....	.11	....	....	....	....	....	....	....	1.00
oreka Springs	White	....	....	....	....	....	....	....	....	....	.48	....	....	....	....	.21	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	0.69
ayetteville	do	....	....	....	....	....	....	....	....	....	T.	....	....	....	.18	....	.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.08
ort Smith ***	Arkansas	....	....	....	....	....	.01	....	....	T.	.01	....	....	....	.35	.64	....	....	....	2.12	.01	....	....	....	....	T.	.01	....	....	....	....	....	....	3.15
ulton	Red	....	....	....	....	....	....	....	1.09	.10	.53	2 05	....	....	.59	.26	.11	....	....	....	T.	.73	....	....	....	....	....	....	....	....	....	....	....	5.46
eorgetown ‖	White	....	....	....	....	....	....	.50	....	....	.30	....	....	....	.14	....	....	....	....	....	.40	.55	....	....	....	....	....	....	....	....	....	....	....	1.89
illett	Arkansas	....	....	....	....	....	T.	....	.65	1.25	....	....	....	....	....	....	....	....	....	1.08	....	....	....	....	....	....	....	....	....	....	....	....	....	2.98
ramms	Red	....	....	....	....	....	....	....	1.31	....	0.37	.33	....	....	....	.37	....	.63	....	....	2.20	....	....	....	....	.22	....	....	....	....	....	....	....	5.43
ayette	White	....	....	....	....	....	....	....	....	....	T.	T.	....	....	.38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.38
ardy	do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
elena	Mississippi	....	....	....	....	....	....	.10	....	.08	.58	....	....	....	....	....	....	....	....	....	2.06	1.22	....	....	....	.34	....	....	....	....	....	....	....	4.38
gden	White	....	....	....	....	....	....	.52	.40	.01	....	....	....	.90	....	....	....	....	....	.32	.12	....	....	....	T.	....	....	....	....	....	....	....	....	2.27
ope	Red	....	....	....	....	....	....	....	.46	....	1.14	....	....	....	.31	.98	....	....	....	.42	....	....	....	....	....	.20	....	....	....	....	....	....	....	3.51
ot Springs	Ouachita	....	....	....	....	....	....	1.10	....	....	.10	....	....	T.	....	....	....	....	....	.30	....	....	....	....	....	.35	....	....	....	....	....	....	....	1.85
uttig	do	....	....	....	....	....	....	....	....	....	....	....	2.80	....	....	....	....	....	....	....	....	.97	....	....	....	....	....	....	....	....	....	....	....	4.47
unsboro	White	....	....	....	....	....	....	....	1.00	....	....	....	....	....	.62	....	....	....	....	.26	.88	T.	....	....	.67	....	....	....	....	....	.83	....	....	4.26
unction	Ouachita	....	....	....	....	....	....	....	.40	.32	T.	....	....	....	T.	....	....	....	....	....	T	....	....	....	....	....	....	....	....	....	....	....	....	0.72
ittle Rock ***	Arkansas	....	....	....	....	.07	....	.28	....	T.	....	....	.10	.30	....	.11	....	....	....	.51	T.	....	....	....	....	.01	.06	....	....	....	....	....	....	1.44
umberville	do	....	....	....	....	....	.05	....	....	....	....	....	.73	....	.36	....	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	.04	....	1.23
agnolia	Red	....	....	....	....	....	....	.22	.30	.20	T.	....	....	....	....	.70	....	....	....	....	.05	....	....	....	....	.09	....	....	....	....	....	....	....	1.56
alvern	Ouachita	.67	....	....	....	....	....	....	....	2.45	.10	....	....	....	T.	.15	T.	....	.43	....	.40	.25	....	....	....	....	.45	T	....	....	....	....	....	4.90
ammoth Spring	White	.05	....	....	....	....	....	....	.12	T.	....	....	....	....	....	....	....	....	....	....	.67	....	....	....	....	.48	....	....	....	....	....	....	....	1.32
arianna	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.55
arked Tree ‖	St. Francis	....	..	....	....	....	....	T	....	.73	....	....	....	....	....	....	.09	.22	....	....	.83	.25	....	....	....	....	....	....	....	....	.43	....	2.55
arshall	White	....	....	....	....	....	....	.12	....	.08	.02	.06	....	.01	.16	....	T.	....	....	1.08	....	....	....	....	.40	....	....	....	....	....	....	....	....	1.96
ena	Ouachita	1.28	....	....	....	....	....	....	....	.07	.14	.07	....	....	.03	.21	.01	.05	....	....	1.35	.13	.02	....	....	....	....	....	....	....	....	....	....	3.36
orrilton	Arkansas	....	....	....	....	....	....	....	1.28	.07	....	....	....	....	....	....	....	....	....	.80	....	....	....	....	....	....	.07	....	....	....	....	....	....	2.22
ountain Home	White	.08	....	....	....	....	....	.21	....	....	....	....	T.	.20	T.	T.	....	....	....	.12	....	....	....	....	T.	....	.16	....	....	....	....	.10	....	0.87
ount Ida	Ouachita	....	....	....	....	....	....	.17	.30	....	.18	.22	....	.14	....	....	....	....	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	3.01
urrensboro	do	....	....	....	....	....	....	....	....	....	.58	....	....	....	.49	.90	.74	.32	.13	.17	....	....	....	....	....	....	....	....	....	....	....	....	....	3.33
ul	White	....	....	....	....	....	....	....	.05	....	.11	T.	.32	.15	.16	....	T.	....	1.00	....	....	....	....	....	....	.20	.21	....	....	....	....	....	....	2.20
wport	do	.06	....	....	....	....	....	.18	....	.12	....	....	....	....	....	.31	....	.22	....	....	.90	....	....	....	....	....	....	....	....	....	....	.19	.29	2.27
ay	Arkansas	....	....	....	....	....	....	.42	....	.40	....	....	....	.63	.09	....	....	....	....	.68	....	....	....	....	....	....	....	....	....	....	....	.07	.10	2.39
eola	Mississippi	....	....	....	....	....	....	1.20	....	.10	....	....	....	....	....	....	....	....	....	.06	T.	.50	....	....	....	.70	....	....	....	....	....	.15	....	2.71
ark	do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	.20	....	....	....	....	....	....	....	0.30
tterson	White	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	0.50
ne Bluff ‖	Arkansas	....	....	....	....	....	....	....	.07	.84	....	....	....	....	.01	.21	....	....	....	....	.19	.17	....	....	....	....	.19	....	....	....	....	....	....	1.68
ocahontas	White	.60	....	....	....	....	....	.10	....	....	....	....	....	.07	1.30	....	....	.10	....	....	.90	....	....	....	....	.25	....	....	....	....	.10	....	3.42
ortland ‖	Ouachita	....	....	....	....	.05	....	....	.32	....	....	....	....	....	....	.85	....	....	....	.55	.63	....	....	....	....	....	....	....	....	....	....	....	....	2.40
rescott	do	....	....	....	....	....	....	....	....	.60	.21	....	....	....	1.47	.05	....	....	....	.31	....	.63	....	....	....	....	....	....	....	....	....	....	....	3.27
rinceton ‖	Ouachita	....	....	....	....	....	....	.40	....	.70	....	....	....	....	1.45	....	....	....	....	....	....	1.10	....	....	....	....	....	....	....	....	....	....	....	3.65
son	do	....	....	....	....	....	....	.72	....	.60	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	1.89
ogers	Arkansas	....	....	....	....	....	....	....	....	....	.11	....	.05	1.46	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	....	....	1.64
arey	White	....	....	....	....	....	....	....	.05	....	.64	....	T.	....	.29	....	....	.01	....	.72	.42	....	....	....	....	....	....	.27	....	....	....	.10	....	2.50
pringbank ‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	T.	....	T.	....	....	....	....	....	4.24
uttgart	Arkansas	....	....	....	....	....	.14	....	.12	.30	.40	1.25	.66	.38	....	1.17	.08	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	1.27
ulaco	do	T.	....	....	....	T.	....	....	....	....	T	T.	....	....	.16	....	.21	....	....	....	.24	....	....	....	....	....	....	....	....	....	....	....	.54	1.67
exarkana ‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	.80	.07	....	....	....	.18	.07	....	....	....	.01	T.	....	....	....	....	....	....	....	5.25
ephers	Arkansas	....	....	....	T.	.34	.41	T.	....	....	.03	T.	....	....	1.03	1.52	....	....	....	.20	.15	....	....	....	....	....	....	....	....	....	....	....	....	2.89
audron	do	....	....	....	....	.12	....	....	....	....	.04	....	....	....	.05	....	....	....	....	T	2.00	....	....	....	.06	....	....	....	....	....	....	....	....	1.37
arren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.61	....	.14	....	....	.46	....	....	....	....	....	....	....	....	....	....	....	....	....	3.39
hitecliffs	Red	....	....	....	....	....	....	1.53	.64	.80	....	....	....	....	.42	....	....	....	....	T.	T.	....	....	....	....	....	....	....	....	....	....	....	....	3.21
ynne	St. Francis	....	....	....	....	....	....	....	....	T.	.56	....	....	....	1.20	....	.85	....	....	T.	.60	....	....	....	....	....	....	....	....	....	....	....	....	2.37
		....	....	....	....	....	....	....	....	.30	....	....	....	....	.32	....	....	....	....	1.70	....	....	....	....	....	....	....	....	....	....	....	.05	

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next lowing measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for July, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith	Arkansas	22	21.2	18.0	15.2	12.5	10.4	9.6	9.0	8.7	8.4	8.3	7.8	7.3	7.3	7.2	7.1	7.7	7.8	7.9	7.5	8.4	8.5	7.5	7.4	7.3	7.9	7.0	6.3	8.7	7.8	6.5	6.1
rdanelle	do	20	18.6	18.6	16.0	13.6	11.0	9.3	8.6	8.0	7.4	7.2	7.0	6.5	5.9	5.4	5.0	5.0	5.5	5.6	5.7	5.6	6.0	6.8	6.3	5.3	5.5	6.0	5.3	4.7	4.8	6.0	5.2
ttle Rock	do	23	18.0	18.1	18.1	16.8	14.6	12.1	9.8	8.6	7.9	7.2	6.8	6.5	6.2	5.5	5.0	4.5	4.2	4.2	4.6	5.0	5.5	5.0	6.0	5.0	5.0	4 4	4.8	4.9	4.1	3.7	4.6
ne Bluff	do	25	21.4	21.1	21.0	21.0	19.3	17.5	15.3	13.5	12.3	11.7	11.1	10.8	10.6	10.1	9.5	9.3	8.7	8.4	8.5	8.8	9.2	9.3	9.1	9.6	9.8	9.0	8.6	8.9	8.8	8.2	8.0
ack Rock	Black	14	5.5	5.3	5.2	5.0	5.0	5.0	4.8	4.6	4.5	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.8	5.0	5.5	4.6	4.0	4.0	3.8	3.6	3.6	3.4	3.4	3.4	3.4
lico Rock	White	18	5.9	5.4	5.2	5.2	4.5	3.7	3.4	3.1	2.7	2.1	1.9	1.8	1.3	1.6	1.8	1.9	1 8	1.5	1.3	1.1	1.7	1.7	1.3	1.2	1.1	0.9	0.7	0.5	0.7	0.8	0.7
tesville	do	23	11.6	11.6	11.2	11.0	10.8	10.0	9.4	9.1	8.7	8.4	8.0	7.6	7.2	6.8	7.0	7.3	7.7	7.2	7.0	7.0	6.6	7.0	7.0	6.6	6.5	6.5	6.2	6.0	5.9	5.9	6.0
wport	do	26	9.9	9.7	9.0	8.8	8.8	8.6	8.3	8.3	8.1	6.7	5.1	4.8	4.6	4.4	4.4	4.3	4.3	4.2	4.0	3.9	3.9	4.2	4.3	4.5	4.5	4.4	4.2	4.0	3.9	3.8	3.5
orgetown	do	22	12.5	12.7	12.3	12.0	11.5	11.0	10.5	9.8	9.0	8.6	7.8	6.9	6.5	5.8	5.4	4.8	4.3	4.0	4.0	3.8	3.7	3.6	3.4	3.6	4.0	3.6	3.5	3.0	2.6	2.0	1.7
rendon	do	30	17.4	18.0	18.3	18.5	18.6	18.5	18.4	18.1	17.8	17.3	16.7	16.0	15.3	14.6	14.0	13.3	12.7	12.2	11.9	11.8	11.8	11.6	11.5	11.4	11.5	11.5	11.3	11.0	10.7	10.4	10.1
lena	Mississippi	42	18.9	19.5	20.3	21.2	22.0	22.5	22.4	22.2	21.9	21.7	21.0	20.1	19.0	18.0	17.0	15.9	14.9	13.7	12.7	11.9	11.3	10.9	10.8	10.8	10.9	11.2	11.5	11.8	12.1	12.3	12.4
kansas City	do	42	25.7	26.6	27.4	28.1	28.9	29.6	29.8	29.7	29.3	28.6	28.0	27.3	26.3	25.3	23.9	22.6	21.3	20.1	18.2	17.4	16.4	15.6	15.0	14.6	14.4	14.6	11.8	15.0	15.2	15.4	15.6
nden	Ouachita	49	6.9	6.8	6.7	6.6	6.5	7.3	7.0	5.9	6.1	5.9	6.1	6.0	5.9	5.9	5.9	5.8	6.7	7.4	7.4	7.1	6.9	6.7	6.4	6.2	6.1	6.1	6.0	5.9	5.9	5.8	5.7
nville	Petit Jean	20	7.3	5.1	4.7	4.0	3.6	3.0	2.9	2.3	2.6	2.4	2.1	2.7	2.4	2.1	2.0	2.0	1.9	1.7	1.7	7.2	7.4	5.3	3.9	3.1	2.8	2.6	2.4	2.1	1.9	1.9	1.7
adelphia	Ouachita	18	1.0	1.2	4.0	3.0	1.9	1.5	1.2	1.1	1.2	1.3	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.2	1.4	1.2	1.1	1.0	0.0	0.0	0.0	0.0	0.0
tterson	Cache	9	4.8	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.7	3.5	3.5	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0

Daily Temperatures for July, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Amity	Maximum	92	89	90	95	101	101	100	94	89	81	92	94	97	96	93	90	94	94	86	87	91	92	92	93	88	89	93	95	94	97	99
	Minimum	66	66	66	68	67	67	69	69	68	70	70	69	72	69	71	69	72	73	72	70	70	65	64	63	64	67	66	65	65	66	68
Batesville §§	Maximum	93	94	94	99	99	100	98	90	91	86	93	97	99	100	94	93	96	99	96	92	88	91	92	93	92	94	100	102	100	98	104
	Minimum	68	65	69	68	70	70	72	71	70	67	70	69	70	68	70	72	72	73	76	74	68	62	58	62	67	68	69	69	69	70	72
Bee Branch	Maximum	96	97	96	100	98	98	99	96	95	90	98	97	95	100	95	102	100	98	93	90	97	96	94	95	98	100	100	104	104	107	
	Minimum	67	65	70	68	73	74	75	70	68	68	69	70	72	66	69	71	72	73	72	68	65	59	66	65	66	66	67	67	72	72	71
Bentonville	Maximum	87	88	87	89	91	92	90	90	88	86	88	91	91	92	88	90	92	88	88	86	85	87	88	89	88	89	92	93	95	99	96
	Minimum	66	67	70	70	67	69	68	69	65	66	70	70	71	69	68	70	72	74	72	66	62	60	62	64	67	68	68	68	71	73	73
Booneville	Maximum	93	91	90	95	96	97	98	94	90	85	93	98	98	98	92	94	92	98	96	91	90	91	91	90	87	91	98	99	100	101	101
	Minimum	71	75	74	74	71	74	73	71	69	71	71	72	74	73	70	70	75	76	74	73	71	66	66	67	70	72	74	72	75	76	74
Brinkley	Maximum	97	97	98	100	102	101	95	90	87	86	94	94	100	99	93	96	101	99	96	90	90	94	93	95	94	95	98	100	100	100	105
	Minimum	68	69	72	69	72	75	70	70	70	68	69	73	72	70	70	71	72	74	75	73	67	64	59	67	68	68	70	69	73	74	74
Calico Rock §§	Maximum	92	94	92	96	99	99	97	95	92	92	94	96	95	96	91	92	96	96	96	83	89	87	93	95	90	94	97	98	99	99	101
	Minimum	70	67	68	70	71	72	72	70	73	71	72	72	72	68	72	72	73	74	75	75	67	61	56	63	67	69	69	69	69	70	72
Camden §§	Maximum	93	92	93	95	98	97	94	90	86	85	90	93	94	95	88	91	94	94	93	83	86	91	91	90	89	87	93	94	94	94	97
	Minimum	70	70	71	70	68	74	71	71	70	71	70	71	72	71	71	74	72	75	75	76	71	67	64	66	69	69	69	69	70	69	68
Corning	Maximum	92	97	96	99	100	100	96	90	92	92	98	101	104	102	95	98	101	99	97	90	90	93	93	92	93	96	98	100	99	97	102
	Minimum	68	68	70	69	68	72	75	70	69	69	71	70	71	71	72	72	66	72	77	73	62	59	59	66	68	67	72	72	72	76	74
Dardanelle	Maximum	97	95	94	95	96	95	98	93	89	86	87	93	95	95	89	94	95	98	94	92	90	91	90	90	87	93	94	95	98	94	98
	Minimum	71	69	74	71	72	75	71	70	70	72	70	72	74	70	71	72	75	76	75	74	72	65	63	66	70	70	72	68	71	74	72
Dodd City	Maximum	90	90	87	93	93	95	94	93	90	87	91	94	89	89	95	91	95	89	91	87	87	91	92	90	88	90	93	96	98	96	96
	Minimum	66	62	65	66	66	66	67	65	63	66	69	67	68	65	69	67	65	71	72	70	61	58	58	62	63	66	65	62	66	68	69
Dumas	Maximum	96	90	96	100	99	99	96	92	86	88	94	96	93	99	95	97	92	95	97	87	90	93	93	90	90	97	98	95	96	97	102
	Minimum	71	73	71	70	73	76	73	75	72	70	70	74	73	71	71	74	74	74	74	75	69	67	63	67	68	68	69	71	72	70	72
Dutton	Maximum	87	86	88	91	92	95	95	94	94	83	91	94	96	94	84	90	91	91	90	90	88	90	89	89	87	89	90	92	93	97	98
	Minimum	62	64	64	66	65	63	62	61	63	63	65	64	69	63	67	64	65	66	66	66	67	55	54	57	61	61	65	61	64	69	65
El Dorado	Maximum	96	95	95	96	99	91	98	91	89	90	97	96	97	98	90	96	96	96	91	80	88	87	85	86	86	86	90	91	90	97	100
	Minimum	71	71	70	69	69	69	74	72	67	69	70	70	70	73	73	71	72	69	70	74	74	74	72	63	69	68	71	70	72	71	71
England	Maximum	97	96	97	98	100	100	96	93	89	85	96	97	100	97	97	97	98	100	97	95	94	94	95	95	92	95	97	100	99	99	104
	Minimum	70	68	72	71	74	75	71	70	70	70	73	73	70	73	71	72	73	74	76	73	70	65	60	67	67	68	71	68	73	72	73
Eureka Springs	Maximum	88	88	87	91	94	96	94	94	94	93	91	93	93	91	88	93	94	89	92	92	90	91	93	94	91	91	94	96	97	101	101
	Minimum	68	71	69	70	67	69	68	67	67	66	69	69	71	71	68	69	70	74	71	68	63	60	64	63	66	69	69	71	72	75	75
Fayetteville	Maximum	85	85	84	89	90	93	92	92	90	85	92	94	92	87	94	92	92	87	92	87	88	89	89	88	87	90	93	95	98	98	
	Minimum	67	71	70	69	64	67	66	66	65	66	68	67	70	67	69	70	70	74	73	71	62	60	60	62	62	68	71	72	73	75	72
Fort Smith	Maximum	92	90	90	93	95	96	95	95	92	81	92	94	96	95	89	92	94	96	95	91	88	89	91	93	88	91	93	94	96	98	98
	Minimum	71	71	74	74	72	75	75	74	73	73	72	73	75	69	72	74	76	76	74	73	71	69	67	71	72	74	76	76	74	96	98
Gillett	Maximum	....	....	....	95	....	98	99	95	89	89	88	95	92	95	....	....	....	95	97	95	84	89	....	....	....	....	....	93	93	....	96	98	101
	Minimum	....	....	71	....	70	73	72	75	72	69	71	75	72	....	....	....	....	71	75	74	74	70	....	....	....	....	....	64	69	....	73	....	70
Grannis	Maximum	89	87	89	90	93	94	94	91	86	76	85	89	93	92	89	86	91	91	90	84	85	87	87	88	84	87	89	91	91	92	93
	Minimum	63	70	70	68	68	76	72	67	68	68	69	68	69	71	69	71	69	70	71	69	69	65	61	64	67	67	68	67	67	67	67
Gravette	Maximum	86	87	....	....	89	92	91	90	90	88	87	....	92	93	88	90	94	90	89	87	87	89	89	90	90	89	92	93	95	99	97
	Minimum	66	69	....	....	64	64	67	65	64	63	66	....	67	68	67	68	72	70	72	65	60	67	60	61	66	67	70	70	73	80	73
Hardy	Maximum	93	94	92	99	95	96	94	92	93	91	94	98	98	99	93	98	100	99	97	92	92	89	92	93	92	98	....	....	101	100	100
	Minimum	68	66	67	68	69	76	72	70	69	69	69	69	70	69	72	71	68	72	75	72	65	59	65	68	68	67	....	..	69	72	72
Hope	Maximum	99	99	93	100	100	98	101	95	89	83	92	94	93	95	92	94	90	96	95	....	86	92	92	93	93	95	94	97	98	98	98
	Minimum	69	71	71	71	69	75	70	72	70	70	68	70	71	72	71	73	71	73	....	71	72	68	67	66	68	68	68	68	71	71	71
Hot Springs	Maximum	92	89	90	89	95	96	95	99	90	90	89	90	95	99	92	89	90	93	98	98	97	98	94	92	89	92	94	94	96	100	
	Minimum	68	72	74	72	76	75	76	71	72	70	71	74	72	72	73	71	70	72	75	74	76	74	70	69	66	70	72	71	73	74	74
Huttig	Maximum	99	96	101	104	101	103	100	98	97	99	101	100	101	100	99	101	101	100	102	101	100	99	100	101	98	97	102	101	101	103	106
	Minimum	78	79	69	70	72	69	70	71	64	73	75	69	72	75	74	79	80	81	82	83	79	80	81	80	74	80	78	77	82	81	83
Jonesboro	Maximum	96	96	98	100	100	101	98	98	93	87	95	97	101	103	101	98	99	100	99	91	88	92	91	92	94	95	101	101	101	101	96
	Minimum	71	71	73	71	73	77	73	73	72	69	70	72	74	72	72	74	74	76	76	72	66	64	62	67	69	69	72	73	74	73	75
Junction	Maximum	100	98	100	100	101	97	98	93	89	90	95	96	97	100	90	94	97	100	97	96	95	97	94	93	96	97	98	99	97	94	102
	Minimum	69	70	68	69	70	68	69	72	71	70	69	70	71	73	72	73	74	75	73	71	70	68	67	64	68	68	70	72	71	69	67
Little Rock	Maximum	91	90	91	93	97	97	92	91	85	81	91	93	92	95	89	94	93	94	93	88	88	90	90	90	86	88	91	94	93	94	99
	Minimum	73	72	73	75	76	78	76	69	71	71	73	75	77	70	74	75	74	76	73	73	71	69	68	71	72	71	72	73	73	74	76
Lutherville	Maximum	93	93	92	95	94	94	92	94	91	84	91	97	93	90	88	93	90	96	95	91	90	93	94	92	90	92	95	99	99	100	102
	Minimum	70	70	73	72	71	70	68	70	70	70	70	73	73	69	69	70	74	74	75	70	71	66	67	70	68	71	70	70	71	75	76
Magnolia	Maximum	94	92	93	95	98	96	102	105	96	82	90	93	93	95	88	91	93	94	94	81	90	91	92	92	92	92	94	95	95	95	98
	Minimum	72	73	72	71	70	76	72	72	71	71	70	71	73	73	74	75	78	75	76	74	72	70	65	66	70	65	77	71	75	71	69
Malvern	Maximum	93	92	91	92	96	95	91	95	84	85	90	94	92	91	93	94	95	90	93	92	89	90	90	91	90	91	92	94	94	95	100
	Minimum	69	67	72	70	71	75	71	72	71	72	70	71	73	70	73	74	75	75	76	74	72	65	62	66	67	68	69	68	71	72	74
Mammoth Spring	Maximum	91	91	90	95	94	95	94	94	91	88	92	96	96	95	92	93	94	96	94	90	88	90	91	90	88	90	91	94	95	96	96
	Minimum	68	66	67	68	69	70	72	70	70	75	70	69	69	68	72	70	66	70	70	74	63	61	58	65	67	69	67	68	69	73	71
Marked Tree §§	Maximum	97	97	101	99	98	99	92	87	87	99	99	99	98	93	96	95	84	88	90	92	97	91	93	92	100	99	97	98	95	101	98
	Minimum	71	70	70	70	74	73	74	72	71	70	71	73	73	72	74	74	71	67	64	63	66	70	69	71	72	74	75	72	74	70	71
Marshall	Maximum	94	93	94	97	93	94	94	92	90	89	90	91	92	90	87	92	97	95	91	87	85	87	87	86	86	89	95	96	97	99	95
	Minimum	71	74	74	74	71	72	73	70	71	70	73	74	70	66	71	72	72	78	75	73	66	64	61	70	70	72	73	73	75	78	77
Mena	Maximum	90	89	88	92	94	93	94	90	87	85	90	93	96	93	89	92	91	95	96	89	90	89	....	91	90	91	93	95	96	97	98
	Minimum	70	70	70	70	64	69	69	68	66	67	70	67	70	70	68	68	75	73	73	64	70	65	61	62	66	68	69	68	71	71	70
Mountain Home	Maximum	93	93	91	97	95	97	100	94	92	92	94	99	95	96	90	93	95	97	96	91	91	92	95	93	92	93	99	101	98	100	101
	Minimum	67	64	67	68	69	71	70	67	67	67	70	67	69	65	70	70	68	72	70	72	64	60	56	64	65	66	66	65	66	71	70
Mount Ida	Maximum	91	89	90	94	97	97	98	92	88	76	90	95	96	97	92	94	95	94	97	90	90	90	91	90	90	94	95	96	98	99	102
	Minimum	67	65	70	67	66	68	69	67	66	69	68	68	70	69	70	69	71	70	71	72	70	65	62	63	62	67	66	64	65	65	67
Nail	Maximum	82	82	81	86	88	90	87	85	81	86	90	89	88	79	88	87	86	88	83	82	85	82	84	86	82	83	84	87	88	90	....
	Minimum	67	67	67	70	70	70	69	66	66	67	70	68	70	67	69	71	71	67	68	64	63	65	65	65	65	65	66	69	69	72	....
Newport	Maximum	96	95	96	101	100	102	97	87	87	83	95	100	101	101	96	94	100	99	93	91	91	92	90	91	91	94	96	98	98	91	99
	Minimum	71	70	73	73	74	77	74	73	71	70	72	75	76	74	72	77	76	76	78	75	69	68	65	69	70	71	78	73	73	73	75
Osceola	Maximum	93	93	93	95	99	99	101	98	94	93	92	96	99	102	102	101	101	102	101	101	98	96	94	94	94	97	97	91	92	91	97
	Minimum	70	70	71	72	72	75	68	73	74	74	71	71	72	78	75	7-	74	74	72	67	68	66	65	65	71	71	71	72	73	75	73
Ozark	Maximum	92	91	90	95	98	98	99	98	92	89	92	96	98	97	95	92	96	96	91	91	91	93	94	94	93	92	96	98	100	101	101
	Minimum	71	79	68	69	73	73	75	....	....	74	74	72	75	72	73	73	75	75	71	73	73	70	66	....	67	71	72	70	68	....	....
Pine Bluff	Maximum	96	97	97	100	97	96	99	97	82	87	95	98	100	100	97	97	97	99	100	89	92	93	93	92	92	96	97	100	100	99	104
	Minimum	71	71	71	72	78	73	73	73	73	70	71	75	75	73	72	74	74	75	76	75	73	68	67	69	69	69	71	71	75	72	72
Pocahontas	Maximum	89	94	94	98	96	97	94	90	93	89	94	100	100	101	95	95	100	95	94	89	88	92	91	92	89	93	96	99	97	94	99
	Minimum	69	67	69	70	71	75	77	71	68	70	70	70	76	74	73	74	71	74	78	73	68	67	60	67	68	68	69	72	71	75	74
Portland	Maximum	98	98	98	100	99	99	95	96	91	93	97	98	99	100	93	98	93	99	97	88	88	92	93	92	92	95	98	100	100	100	102
	Minimum	69	72	70	70	74	78	72	74	73	70	72	73	74	71	69	73	73	74	74	73	71	68	65	68	68	68	69	71	71	70	70
Prescott	Maximum	95	95	95	95	99	100	96	94	94	89	95	95	96	97	91	90	93	95	95	88	90	90	91	90	92	95	96	95	95	95	96
	Minimum	70	72	71	70	70	70	71	72	70	69	69	72	74	71	72	74	73	74	75	73	73	68	67	69	69	68	70	71	71	71	70
Rison	Maximum	99	97	97	102	103	102	100	94	99	88	96	99	96	100	92	98	....	101	101	81	94	96	99	95	92	95	99	97	100	101	103
	Minimum	68	72	71	71	74	75	72	72	70	71	82	73	74	71	70	72	....	75	75	71	77	67	64	80	68	68	69	72	73	72	72
Rogers	Maximum	88	87	85	92	93	94	93	95	91	88	88	94	95	95	87	90	93	88	92	89	87	89	89	90	89	88	93	95	96	101	100
	Minimum	64	67	70	68	64	66	66	66	65	65	61	64	69	68	67	71	71	74	70	70	62	59	59	62	66	67	70	64	71	74	73
Searcy	Maximum	95	95	93	98	101	101	96	92	87	84	93	95	98	97	93	94	98	98	95	88	88	91	91	91	90	91	92	97	98	100	103
	Minimum	70	67	69	70	74	75	74	72	69	68	71	72	72	69	71	73	74	74	74	71	68	67	62	71	77	73	77	84	77	79	84
Stuttgart	Maximum	97	95	94	99	98	99	94	91	83	86	93	95	97	100	96	96	97	99	99	91	90	91	93	93	93	95	99	100	103	100	103
	Minimum	71	69	71	78	73	76	71	71	72	70	72	73	72	70	73	78	72	75	74	71	65	62	70	69	72	73	72	74	71	73	73
Subiaco	Maximum	95	95	94	97	99	100	100	99	94	86	96	99	102	100	90	97	94	100	100	93	93	94	95	97	94	94	98	101	103	103	103
	Minimum	71	69	72	72	72	74	74	70	70	71	71	71	75	72	71	71	74	75	76	73	71	66	64	67	71	71	70	69	72	75	77
Texarkana	Maximum	94	95	92	99	102	103	105	96	92	85	92	95	97	104	97	92	97	97	97	92	94	94	94	95	93	92	100	94	96	97	98
	Minimum	71	74	73	74	70	77	72	71	70	71	70	72	73	74	72	72	73	76	76	71	73	72	69	69	71	70	72	73	74	72	76
Umphers	Maximum	90	88	88	92	94	94	96	91	89	78	90	94	91	101	88	94	93	96	96	89	90	87	88	89	90	92	93	94	96	98	100
	Minimum	70	67	72	74	69	73	78	62	68	68	71	73	76	73	67	70	72	73	74	70	70	66	67	67	67	68	70	70	70	72	73
Warren	Maximum	96	95	94	97	99	98	95	82	77	85	93	94	94	97	90	93	94	97	90	93	82	90	92	93	89	91	92	96	97	98	98
	Minimum	71	74	73	73	70	77	74	74	72	71	73	75	73	75	73	72	71	71	71	71	75	73	69	65	68	69	69	72	75	75	74
Wynne	Maximum	102	102	103	107	102	101	95	93	91	90	98	99	101	102	96	99	99	100	97	87	91	93	94	93	100	97	99	101	102	95	100
	Minimum	71	71	74	71	73	73	72	72	72	73	77	73	73	72	72	74	74	71	76	75	67	64	62	63	69	72	72	73	73	79	73

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occu

NAR

UNIVERSITY OF ILLINOIS
OCT 14

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

OL. XXVI. LITTLE ROCK, Ark., AUGUST, 1921. No.8.

GENERAL SUMMARY.

The temperature for August, 1921, was in decided contrast to at of August, 1920, the monthly mean being 2.4° above nor-l while that of the previous year was 2.6° below. The means August for 7 of the past 31 years have been higher than that the past month, but the temperatures were rather high dur-the entire month. Temperatures of 100° or more were re-ded at a number of stations from the 1st to the 7th and from 19th to the 25th, the highest recorded being 106°, which s not unusually high. Lower temperatures have been record-in August every year except three in the past 31 years.

The mean precipitation, 5.46 inches, is the greatest on record ce 1915 and has been exceeded but three times in August in past 31 years The 10.72 inches rainfall at Mount Ida, ugh heavy, has been exceeded many times The rains were eral and the amounts rather large from the 3d to the 16th, showers being light and scattering the remainder of the nth. There were slightly more than the usual number of udy and rainy days with the resulting deficiency of sunshine. A windstorm of more than usual severity occurred at Gra-te on the 5th, considerable corn, a number of trees, and e small buildings being blown down.

The rainy weather was very favorable for corn, rice, hay, po-es, sweet potatoes, truck and forage crops, but very unfa-able for cotton. Boll weevil and army worms were very de-ctive, causing the crop to deteriorate rapidly during the en- month.

TEMPERATURE.

The monthly mean temperature for the State, as indicated by stations, was 81.5°, the highest mean being 84.6° at Junction, lowest, 76.0° at Okay. The departure, as shown by 43 ions, was +2.4°, the departures being positive at all stations, l usually larger in southern and central than in northern por-ns. The highest temperature recorded during the month was ° at Booneville on the 5th and at Junction on the 20th and ; the lowest, 56° at Dodd City on the 8th.

PRECIPITATION.

The monthly mean precipitation for the 71 stations reporting August was 5.46 inches, the greatest at any station being 10.72 es at Mount Ida, the least, 0.37 inch at Junction. Amounts ix to eight inches were reported from the northeastern, cen-, west-central, and extreme northwestern stations, smaller a-nts being reported from the remaining stations, especially se in the southern counties. The greatest 24 hour amount 4.00 inches at Arkadelphia, several stations reporting near-s much. The average departure from the normal for the 52 ions having a record of ten years or more was +1.40 inch-most of the departures in the northern and central portions g positive, those in the southern being negative.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.02	30.16	25	29.79	5	3,345	24	nw.	4	.....	.....	58
Fort Smith...	29.99	30.13	12	29.77	6	4,717	51	w.	2	88	63	72
Little Rock..	30.02	30.19	13	29.81	6	4,807	33	nw.	4	88	67	68

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 1; 2d, 4; 3d, 7; 4th, 6; 5th, 8; 6th, 5; 7th, 10; 8th, 4; 9th, 1; 11th, 9; 12th, 12; 13th, 5; 14th, 9; 15th 3; 17th, 3; 18th, 5; 21st, 2; 22d, 1; 24th, 4; 25th, 8; 26th, 3; 27th, 11; 28th, 5; 30th, 4; 31st, 5.

DenseFog:— 3d, 1; 4th, 1; 10th, 1; 13th, 3; 26th, 1.

Hail:— 12th, 1; 24th, 1; 27th, 2.

Solar Halos:— 10th, 1.

Lunar Halos: 17th, 1.

COMPARATIVE DATA FOR ARKANSAS---- AUGUST.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
1891.....	76.4	−1.9	108	39	2.75	−0.06	21	8	2	5
1892.....	78.3	+0.1	106	40	4.39	+1.03	13	11	7	9
1893.....	77.3	−0.9	102	48	3.08	−0.28	18	9	4	5
1894.....	78.1	−0.1	104	48	4.63	+1.27	12	11	8	8
1895.....	79.4	+1.2	102	55	2.64	−0.72	18	9	4	4
1896.....	82.6	+4.5	112	48	2.32	−0.90	17	9	5	5
1897.....	79.6	+1.5	111	45	2.59	−0.63	17	10	4	5
1898.....	79.4	+0.6	108	54	4.35	+1.01	13	13	5	7
1899.....	82.2	+3.6	112	54	2.04	−1.13	19	9	3	4
1900.....	81.1	+2.3	108	57	2.95	−0.15	16	12	3	5
1901.....	80.5	+1.5	109	52	2.95	−0.25	14	13	4	6
1902.....	80.7	+1.1	108	51	2.55	−0.56	19	9	3	4
1903.....	78.7	−0.4	105	47	4.34	+1.39	15	12	4	8
1904.....	78.1	−1.1	105	46	2.81	−0.57	16	12	3	6
1905.....	79.1	0.0	103	51	3.73	+0.60	18	10	3	6
1906.....	77.9	−1.4	100	42	4.92	+1.04	14	10	7	10
1907	82.0	+2.7	113	54	2.92	−0.30	16	10	5	6
1908.....	79.3	−0.4	103	52	4.48	+1.40	15	10	6	8
1909.....	82.4	+3.0	111	47	1.27	−2.21	20	8	3	4
1910.....	79.2	−0.4	104	43	3.92	+0.81	13	12	6	8
1911.....	78.0	−1.6	107	45	8.19	+4.37	11	11	9	12
1912.....	78.7	−0.4	105	45	3.30	−0.17	15	10	6	7
1913.....	82.1	+3.0	107	46	1.62	−2.07	20	10	1	3
1914.....	78.5	−0.8	104	57	6.81	+3.19	8	11	12	12
1915.....	74.7	−4.9	102	40	10.44	+7.37	9	9	13	11
1916.....	81.8	+2.8	107	46	2.63	−1.05	17	9	5	5
1917.....	77.1	−2.1	104	43	4.10	+0.59	16	7	8	8
1918.....	82.9	+3.2	115	52	3.90	+0.37	15	9	7	7
1919.....	80.6	+1.3	113	55	4.29	+0.50	16	8	7	7
1920.....	76.8	−2.6	102	46	4.08	+0.27	13	9	9	8
1921.....	81.5	+2.4	106	56	5.46	+1.40	15	9	7	8

Climatological Data for August, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observer.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	81.0	+ 1.3	100	6†	65	30	33	7.04	+2.75	3.92	0	11	15	9	7	s.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	8.15	+3.42	4.00	0	5	21	0	10	sw.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	2.16	−1.77	0.63	0	8	23	4	4	s.	Geo. E. Payne.
Bald Knob	White	229	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Allen Moody.
Batesville	Independence	277	22	80.0	+ 1.4	102	1	62	9	33	6.19	+1.88	2.06	0	12	13	2	16	se.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	81.3	+ 2.1	103	1†	64	8†	35	6.15	+2.38	1.35	0	10	5	19	7	sw.	J. E. Scanlan.
Bentonville	Benton	1303	15	78.4	+ 1.9	96	5	59	8	33	7.89	+3.85	2.18	0	11	11	14	6	s.	U. S. Weather Bureau
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	7.84	+3.38	2.97	0	13	18	1	12	s.	S. J. Howe.
Booneville	Logan	925	7	82.9	.....	106	5	79	15	36	4.12	.....	1.61	0	13	15	10	6	s.	Supt. Tuberculosis
Brinkley	Monroe	226	39	83.4	+ 3.6	101	1†	63	9†	32	5.65	+2.13	2.90	0	10	11	17	3	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	80.6	.....	101	2	63	8	30	6.30	+0.67	3.44	0	13	16	6	9	s.	J. M. Richardson.
Camden	Ouachita	158	35	82.0	+ 1.7	99	5†	66	24	32	3.62	+0.44	3.15	0	6	11	13	7	sw.	A. B. Quarterman.
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	2.49	−2.49	0.75	0	8	11	10	10	s.	J. W. Bishop.
Conway	Faulkner	309	37	82.4	+ 4.6	102	1	66	10†	32	3.68	0.00	1.09	0	9	20	9	2	s.	E. E. Cordrey.
Corning	Clay	293	21	79.8	+ 1.7	102	1†	60	9	34	3.00	−0.50	1.62	0	7	15	11	5	s.	Rev. N. E. Skinn
Danville	Yell	337	5	.....	.....	.....	.....	.....	.....	.....	5.44	.....	2.98	0	6	19	0	12	se.	J. R. Avera.
Dardanelle	Yell	330	35	82.0	+ 2.5	102	19	67	30†	32	5.88	+2.06	3.30	0	5	20	4	7	e.	F. E. Wieser.
Dodd City	Marion	1175	39	78.0	+ 0.2	98	20	56	8	32	5.79	+1.15	2.15	0	8	19	11	1	s.	Neal Dodd.
Dumas	Desha	162	14	82.4	+ 1.6	101	1	63	29	31	6.74	+2.91	1.80	0	10	3	23	5	.....	Ben. Johnson.
Dutton	Madison	1590	19	76.8	+ 1.9	95	2†	60	8	33	5.92	+1.54	2.55	0	9	11	17	3	s.	J. M. Ricketts.
El Dorado	Union	265	17	84.2	+ 3.3	103	21†	66	24	37	1.06	−2.80	0.38	0	7	13	8	10	sw.	Mrs. Virgil N. W
England	Lonoke	229	14	82.7	+ 2.7	102	1	62	10†	34	6.92	+1.91	3.47	0	6	17	7	7	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	19	79.3	+ 1.6	98	6	58	8	34	9.35	+4.31	3.19	0	9	10	18	3	sw.	George W. Nichos
Fayetteville	Washington	1451	35	80.8[g]	+ 3.6	97[n]	26	63	8	29[n]	6.50	+2.32	3.85	0	7	17	10	4	sw.	University of Ark
Fort Smith	Sebastian	481	39	82.7	+ 3.3	101	6	68	7	29	4.45	+0.79	1.27	0	10	12	11	8	e.	U. S. Weather Bu
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	3.78	+1.07	1.82	0	6	15	7	9	s.	T. J Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	7.81	.....	3.50	0	7	23	5	3	s.	Cleve Bell.
Gillett	Arkansas	.....	3	82.4[b]	.....	101[b]	1†	64[a]	27	34[b]	3.99	.....	2.75	0	3	12	14	5	ne.	H. E. F. Beverbu
Grannis	Polk	921	3	79.3	.....	96	6	65	30	28	6.84	.....	2.61	0	11	19	6	6	s.	W. E. Mc Vay.
Gravette	Benton	1250	23	78.2	+ 1.0	96	5	59	8	32	8.68	+5.09	1.83	0	10	16	8	7	sw.	A. F. Stevens.
Hardy	Sharp	643	24	80.4[b]	+ 2.0	103[b]	2	60[b]	8†	34[b]	3.28	−1.23	1.75	0	3	17[b]	7[b]	5[b]	sw.	Mrs. D. S. Madd
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	6.30	+2.47	2.64	0	8	20	6	5	s.	James A. Burnett
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	5.58	.....	2.03	0	11	11[a]	9[a]	10[a]	sw.	Arthur Cross.
Hope	Hempstead	377	49	84.2	+ 4.7	103	7	65	29	34	2.95	−0.50	1.85	0	6	21	5	5	s.	N. P. O' Neal.
Hot Springs	Garland	600	28	83.8	+ 4.3	102	20†	69	7	29	4.40	+0.57	1.46	0	8	21	3	7	s.	A. & N. Gen. Ho
Huttig	Union	.....	14	.....	.....	.....	.....	64	28†	.....	4.43	+0.16	1.60	0	4	13	9	9	.....	F. M. Johnson.
Jonesboro	Craighead	345	26	83.0	+ 3.3	103	19	62	9	37	3.46	−0.33	1.07	0	10	15	11	5	s.	Benedictine Siste
Junction‡‡	Union	182	28	84.6	+ 4.2	106	20†	61	29	35	0.37	−3.02	0.22	0	2	22	3	6	w.	J. A. Lowderbac
Little Rock	Pulaski	286	42	81.4	+ 2.2	97	24	68	4	25	7.08	+3.43	2.09	0	11	12	11	8	s.	U. S. Weather Bu
Lutherville ‡‡	Johnson	775	24	82.0	+ 3.5	101	1	67	5†	28	4.59	+0.14	2.60	0	8	17	9	5	e.	H. Kauffeld.
Magnolia	Columbia	315	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Agriculture
Malvern	Hot Springs	277	38	81.9	+ 2.3	100	21	66	29	31	7.85	+4.39	2.90	0	9	12	1	18	sw.	Mrs. Kate L. Sm
Mammoth Spring	Fulton	512	16	78.9	+ 1.8	99	1†	59	8	30	5.19	+0.74	1.39	0	7	13	14	4	s.	W. S. Vincent.
Marianna	Lee	235	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Walton.
Marked Tree	Poinsett	229	16	81.1	.....	100	19†	62	8	30	7.51	+3.55	2.58	0	8	14	10	7	n.	W. F. Reeves.
Marshall	Searcy	1083	6	80.8	.....	98	1†	64	15	26	3.64	.....	0.92	0	12	3	25	3	s.	E. W. St. John.
Mena	Polk	1208	33	80.5	+ 1.3	102	6	65	29†	31	8.59	+3.82	2.94	0	8	14	10	7	sw.	J. W. Jackson.
Morrillton	Conway	347	1	.....	.....	.....	.....	68	7†	.....	7.57	.....	2.17	0	9	10	8	13	e.	
Mountain Home	Baxter	800	7	79.6	.....	103	1†	59	8	35	6.50	.....	2.45	0	10	19	3	9	sw.	B. S. Halbert.
Mount Ida	Montgomery	730	23	80.2[a]	.....	102[a]	6	63[a]	30†	32[a]	10.72	+7.39	3.62	0	8	15[a]	7[a]	8[a]	sw.	G. A. Whittingto
Murfreesboro ‡‡	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	4.40	.....	3.37	0	.....	.....	.....	.....	.....	Henry A. Davis
Nail	Newton	2233	28	76.7	+ 0.1	93	1	62	8†	23	3.66	+0.15	1.65	0	9	5	18	8	s.	Charles Paxton.
Newport	Jackson	231	37	81.9	+ 2.3	100	1†	65	9	28	4.97	+1.47	1.96	0	9	16	7	8	s.	George L. Robin
Okay	Pope	1700	6	76.0	.....	93	6	61	15	26	7.50	.....	2.60	0	12	17	11	3	s.	U. S. Forest Ser
Osceola	Mississippi	240	21	80.8	+ 2.4	99	1	62	10	28	7.13	+4.17	2.80	0	9	12	4	15	s.	Atwood P. Smit
Ozark	Franklin	377	25	83.8[e]	+ 2.2	101	1†	69[j]	29†	28[j]	2.83	−1.08	1.38	0	6	8	9	14	se.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	7.30	.....	2.75	0	8	22	0	9	sw.	W. E. Baker.
Pine Bluff	Jefferson	215	37	84.6	+ 3.4	104	5	67	27	30	4.98	+1.78	1.97	0	9	22	2	7	s.	Roy F. Hammon
Pocahontas	Randolph	300	29	80.6	+ 1.5	101	2	62	8	31	7.15	+2.80	1.70	0	8	9	14	8	s.	
Portland	Ashley	122	15	84.2	+ 3.4	104	1†	65	27†	34	3.73	−0.07	1.32	0	6	17	10	4	sw.	Benedictine Sist
Prescott	Nevada	327	39	83.6[a]	+ 2.5	100	20†	68[b]	31	30[b]	3.23	−0.10	1.93	0	4	21	6	4	n.	W. E. Eamiston
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	3.81	+0.55	1.11	0	5	20	0	11	sw.	F. J. Johnson.
Rison	Cleveland	243	17	84.2[a]	+ 4.0	104[a]	1†	67[a]	27	34[a]	3.47	+0.53	1.79	0	6	16	9	6	sw.	Foote Coleman.
Rogers	Benton	1385	30	78.5	+ 1.2	96	24	60	4†	36	6.67	+3.26	2.10	0	7	18	10	3	s.	Geo. H. Tisdale.
Searcy	White	236	8	84.4	.....	100	1†	70	9	21	7.55	.....	2.00	0	12	19	4	8	sw.	Carl A. Starck.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	0.75	−3.12	0.43	0	4	17	4	10	.....	Miss Sarah Cyp
Stuttgart	Arkansas	228	33	82.7	+ 2.9	102	2	66	24	30	4.61	+1.02	2.23	0	7	16	13	2	sw.	Miss Grace Fiel
Subiaco	Logan	1050	24	82.8	+ 1.7	102	6	68	7†	30	6.13	+2.12	2.11	0	13	13	12	6	ne.	H. A. Buerkle.
Texarkana	Miller	332	39	84.6	+ 2.6	105	23	67	30	32	1.76	−1.25	0.57	0	4	18	6	7	s.	New Subiaco Ab
Umphers ‡‡	Yell	2000	4	80.8[b]	.....	99[b]	23†	67[b]	28†	28[b]	6.73	.....	1.81	0	10	18	7	6	s.	H. S. Brashear
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	7.56	.....	3.16	0	11	12	9	10	sw.	U. S. Forest Ser
Warren	Bradley	206	2	83.4	+ 2.2	101	1†	67	29	32	4.44	+0.58	2.35	0	6	14	14	3	ne.	Dr. Cheves. Be
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	6.05	+1.63	2.60	0	5	20	5	6	sw.	Mrs. J. L. Cleg
Wynne	Cross	250	13	82.4	+ 2.9	101	1†	64	9	29	7.72	+4.42	3.30	0	7	20	1	10	sw.	Miss Eulela M
State Means and Extremes				81.5	+ 2.4	106	5†	56	8	37	5.46	+1.40	4.00	0	8	15	9	7	s.	J. M. Larkan.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a, b, e, in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark

Daily Precipitation for August, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	....	T.	....	....	....	.23	1.12	.08	....	.11	.13	....	.15	3.92	....	....	....	....	....	....	....	....	....	T.	....	.85	.19	....	.06	.20	7.04
Arkadelphia ‡	.....do	....	....	....	.35	....	....	....	....	.20	....	3.20	.40	....	....	....	4.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8.15
Arkansas City ‖	Mississippi	....	....	..	....	.35	.01	....	....	.02	.63	....	....	.05	....	....	.10	.56	....	....	.01	....	....	....	....	....	....	....	....	....	....	.43	2.16
Bald Knob	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Batesville ‖	.....do	.14	....	2.06	.47	.12	.06	1.84	.06	....	....	.08	.16	....	....	.16	.02	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	Arkansas	....	....	.20	....	1.10	....	1.35	....	....	....	T.	1.10	....	.35	....	.10	....	.10	....	....	.65	....	....	....	....	....	....	1.02	....	....	....	6.19
Bentonville ***	.....do	....	.08	....	3.18	....	1.05	.81	....	....	....	.16	T.	.10	.94	.03	....	T.	1.19	....	....	....	....	....	....	....	1.10	....	....	....	.10	6.15
Bergman	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.31	T.	....	.04	....	....	....	....	7.89
Black Rock‖‡	.....do	....	....	1.60	.16	.06	.72	2.97	.03	....	....	.70	.15	....	....	.85	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Booneville	Arkansas	....	....	.03	....	.06	....	1.61	T.	.11	....	.06	.67	....	.67	.22	.01	....	.25	....	....	....	....	....	....	....	.20	.08	.30	....	....	.02	7.84
Brinkley ‖	White	.06	....	....	....	.36	.06	....	....	....	....	....	.44	....	....	.49	.26	....	....	....	....	....	....	....	....	....	.24	.16	....	.03	....	4.12
Calico Rock ‖	.....do	.20	....	1.00	T.	.02	T.	3.44	.01	....	....	.17	.25	....	.03	.37	.09	T.	....	.09	.88	....	.11	....	....	2.90	....	....	....	....	....	5.65
Camden ‖	Ouachita	....	....	....	....	....	....	....	....	.13	....	....	.12	.01	....	.19	3.15	....	....	....	....	....	....	....	....	T.	....	.01	.44	.27	....	....	6.30
Centerpoint	Little River	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	3.62
Clarendon ‖	White	.65	....	....	.09	.14	....	....	....	....	....	....	.24	....	....	.17	.35	....	....	.75	....	....	....	....	....	....	....	....	....	....	....	....	....
Conway	Arkansas	....	....	.10	....	....	....	1.00	....	....	....	.83	.33	....	.05	.03	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	2.49
Corning	White	....	....	1.62	....	.11	.25	.30	....	....	....	.30	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	1.09	....	....	.13	3.68
Danville ‖	Arkansas	....	....	....	....	.78	....	2.98	.43	....	....	T.	T	.72	T.	.39	.14	....	....	....	....	....	....	....	....	....	.07	....	....	....	....	....	3.00
Dardanelle	.....do	....	....	.08	....	1.90	....	3.30	....	....	....	....	.10	....	.50	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	T.	....	5.44
Dodd City	White	.21	....	.08	....	....	....	2.15	....	....	1.50	....	.23	.48	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.88
Dumas	Arkansas	....	....	.70	T.	....	....	.40	.45	....	....	.15	1.70	....	.45	.97	....	....	....	....	....	....	....	....	....	....	1.04	....	....	....	....	....	5.79
Dutton	White	....	.09	....	.73	T.	2.55	....	.10	....	.16	T	....	.49	....	....	....	.19	....	....	....	....	T.	....	T.	....	T.	....	.05	.07	1.80	6.74
El Dorado‡	Ouachita	....	....	....	....	....	....	....	.38	T.	....	....	T.	....	.03	.05	.32	....	....	....	....	....	....	....	....	1.46	.15	....	....	....	....	5.92
England	Arkansas	....	.03	....	1.75	....	....	....	....	....	T.	3.47	....	T.	1.14	....	....	....	....	....	....	....	....	....	T.	T.	.03	.05	....	.20	1.06
Eureka Springs	White	....	.78	....	.40	....	1.44	....	....	....	....	3.19	T.	1.82	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	T.	....	.50	6.92
Fayetteville	.....do	T.	.10	....	.65	....	3.85	....	.18	....	....	.75	....	.57	....	....	....	.15	....	....	....	....	.26	....	....	....	1.31	....	....	....	....	9.35
Fort Smith ***	Arkansas	....	.66	....	T.	....	....	.90	.02	.18	....	.05	1.27	....	.39	.87	....	.08	....	....	....	....	....	....	....	T.	....	.40	....	T.	....	6.50
Fulton ‡	Red	....	....	....	....	....	....	....	....	.23	1.21	....	T.	T.	....	1.82	.30	....	....	....	....	....	....	....	....	....	.70	....	.10	....	....	7.81
Grannis	Red	....	....	....	....	....	.10	.03	2.61	....	....	1.62	....	.31	1.09	....	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	2.75	3.99
Gravette	White	....	T.	T.	....	1.46	....	1.83	....	T.	....	.21	.50	.12	1.74	.15	....	....	.82	....	....	....	....	....	....	.02	.13	.49	....	.15	.29	6.84
Hardy	.....do	....	....	....	....	....	....	.85	....	....	....	.68	....	....	....	....	....	....	....	....	....	....	....	....	1.04	.81	....	....	....	....	....	....	8.68
Helena‖	Mississippi	....	....	....	1.92	.26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.75	....	....	....	....	....	3.28
Higden	White	....	....	.70	.43	....	....	2.03	....	....	....	.22	....	1.00	12	.12	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	.38	.10	6.30
Hope	Red	....	....	....	....	....	....	....	.53	....	T.	.41	....	.08	1.85	....	....	....	....	....	....	....	....	....	T.	....	.78	....	....	.08	.07	5.58
Hot Springs	Ouachita	....	....	.06	.83	....	....	.40	....	....	....	.30	.06	....	....	.99	....	....	....	....	....	....	....	....	....	....	....	.03	....	.05	....	2.95
Huttig	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	1.60	.98	....	....	....	....	....	....	....	....	1.46	....	....	....	....	....	.30	4.40
Jonesboro	White	....	....	1.07	....	.66	.10	.48	....	....	....	.50	....	....	....	.03	.33	....	....	....	....	....	....	....	....	....	....	....	....	.25	1.60	4.43
Junction	Ouachita	....	....	....	....	....	....	....	T.	T.	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.08	.10	....	....	.11	3.46
Little Rock ***	Arkansas	....	....	.53	1.71	.38	....	.08	....	....	....	1.20	.61	....	T.	1.34	....	....	.19	....	....	....	15	....	....	....	....	....	....	.22	....	0.37
Lutherville	.....do	....	....	....	....	.85	....	2.60	....	....	....	.04	.02	.40	.31	....	....	....	....	....	....	....	....	....	....	.03	....	.03	T.	....	T.	.95	7.08
Magnolia	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.22	....	....	.15	4.59
Malvern ‖	Ouachita	....	....	....	.50	.95	....	....	T.	.85	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mammoth Spring	White	....	....	.71	....	.20	....	.59	....	....	....	.86	....	....	T.	....	.10	1.27	....	....	....	....	....	....	....	....	.21	....	.97	T.	....	.10	7.85
Mariana	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.39	....	.05	1.33	....	....	....	....	5.19
Marked Tree ‖	St. Francis	....	....	....	2.58	T.	....	2.35	.04	....	....	1.16	....	....	....	....	.27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marshall	White	....	T.	.85	.04	.22	....	.92	....	....	.02	.36	....	....	.20	.18	....	T.	....	.26	....	....	T.	....	....	....	....	....	....	.37	.48	7.51
Mena	Ouachita	....	....	....	.15	....	....	....	.55	.18	.60	....	1.39	....	....	2.94	2.61	....	....	....	....	....	....	....	....	....	.73	.08	....	.04	.02	3.64
Morrilton	Arkansas	....	....	....	.30	2.07	....	2.17	.08	....	....	....	.53	....	....	.75	.24	....	.90	....	....	....	....	....	....	....	....	....	.53	....	....	.11	8.59
Mountain Home	White	....	....	.87	....	.03	.47	.65	....	....	.05	2.45	....	.51	.48	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	3.23
Mount Ida	Ouachita	....	....	....	....	....	....	1.16	.59	05	....	....	3.92	....	.88	3.62	....	....	....	....	....	....	....	....	T.	....	.97	....	....	....	....	7.57
Murfreesboro ‖	.....do	....	....	....	....	....	.13	.37	....	.31	....	....	....	....	....	....	3.37	....	....	....	....	....	....	....	....	....	....	.27	....	....	.23	6.50
Nail	White	....	....	T.	....	.47	....	1.65	....	T.	....	.23	.41	....	.05	.10	....	....	....	....	....	....	....	....	....	....	....	....	.22	....	....	10.72
Newport ‡	.....do	.05	....	1.90	.30	....	.49	1.23	....	....	....	....	.32	....	....	....	.06	....	....	....	....	....	....	....	T.	....	.60	.05	....	....	.10	4.40
Okay	Arkansas	....	.59	....	.65	....	.20	.70	....	....	....	.06	1.60	....	.61	.13	.03	....	.19	....	....	....	....	....	....	....	....	.33	....	....	.29	3.66
Osceola	Mississippi	....	....	1.10	.95	2.80	.23	1.05	.10	....	....	.4	T.	....	T.	T	T	.40	....	....	....	....	....	....	....	2.60	.31	....	....	....	....	4.97
Ozark	.....do	....	....	....	.05	....	.54	1.38	....	....	....	.12	....	.70	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	.10	7.50
Patterson ‡	White	.20	....	....	.20	.40	.20	2.75	....	....	....	....	2.35	.15	....	....	....	....	....	....	....	....	....	....	....	....	.04	T.	....	....	....	7.13
Pine Bluff ‖	Arkansas	....	....	....	.21	....	.53	.28	.08	.51	..	....	1.23	.14	....	.03	1.97	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.83
Pocahontas	White	....	....	1.35	....	1.10	.20	1.70	....	....	..	.80	....	....	1.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.05	7.30
Portland ‖	Ouachita	....	....	....	....	....	....	....	....	.41	....	....	....	....	....	1.17	1.32	....	....	....	....	....	....	....	....	.30	....	.65	....	....	....	....	4.98
Prescott	.....do	....	....	..	T.	....	....	.99	....	T	.2	....	....	.10	1.93	....	....	.40	....	....	....	....	....	....	....	....	.45	....	....	....	.02	.36	7.15
Princeton ‖	Ouachita	....	....	....	.62	....	....	....	.83	....	....	.75	.50	....	....	1.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	3.73
Rison	.....do	....	....	....	.55	....	....	.59	....	....	....	.21	....	....	1.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.23
Rogers	Arkansas	....	.21	....	1.70	....	2.10	....	....	....	T.	.02	....	1.25	....	....	T.	.53	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.81
Searcy	White	....	.53	.73	.33	....	1.90	....	....	....	2.00	1.30	....	....	....	.05	.05	....	T.	....	....	....	....	....	....	....	....	.10	....	....	.23	3.47
Springbank ‖	Red	....	....	....	....	....	....	....	.43	....	....	....	....	....	....	....	.07	....	....	....	....	....	....	....	....	.04	....	.15	....	.22	....	.25	6.67
Stuttgart	Arkansas	....	1.18	.09	2.2	....	....	....	....	....	....	....	.34	....	T.	.47	....	....	....	....	....	....	....	....	....	....	....	T.	....	.10	....	.15	7.55
Subiaco	.....do	....	.07	....	.47	.94	2.11	....	....	....	.07	.60	....	1.03	.13	....	.46	....	....	....	....	....	....	....	.09	....	....	.21	....	....	T.	0.75
Texarkana ‖	Red	....	....	....	....	....	....	....	T.	.47	....	....	....	.52	.57	....	....	....	....	....	....	....	....	....	....	.11	.02	.08	.04	....	....	4.61
Umphers	Arkansas	....	....	....	.68	1.10	....	....	.04	....	....	1.30	....	.48	.50	....	.24	....	....	....	....	....	....	....	....	....	T.	....	.20	T.	1.76	6.13
Waldron	.....do	....	T.	....	....	....	1.39	.19	.46	....	.01	1.56	....	1.44	1.72	.04	....	....	....	....	....	....	....	....	....	1.81	.48	....	.10	6.73
Warren	Ouachita	....	....	....	....	....	....	2.35	....	....	....	....	T.	....	T.	.80	....	....	....	....	....	....	....	.11	.29	....	....	....	.35	....	7.56
Whitecliffs	Red	....	....	....	....	....	....	....	2.60	....	....	....	.80	....	1.10	1.55	....	....	....	....	....	....	....	.38	....	.15	....	T.	....	.21	.55	4.44
Wynne	St. Francis	.10	....	.50	.10	.50	3.10	....	....	....	....	.12	T	....	....	3.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6.05
																																	7.72

Except as indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of the observation. *** Regular Weather Bureau station; precipitation is for 24-hour period, midnight to midnight. ‡ Separate dates of falls not recorded. *Precipitation included in the next following measurement. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. T. Trace, or less than 0.01 inch.

Daily River Stages for August, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.8	6.0	7.9	9.0	8.5	7.8	6.4	6.3	6.4	8.9	9.4	9.1	8.2	7.9	7.7	7.4	6.7	5.7	5.6	5.6	5.4	5.3	5.2	5.1
Dardanelle	.....do	20	4.5	4.0	4.0	3.9	4.6	4.0	6.0	5.0	4.4	4.0	4.5	6.4	7.0	6.0	5.3	4.8	6.0	6.7	7.3	7.3	6.5	5.9	5.6	5.6	5.0	4.6	4.0	3.8	3.6	3.3	3.0
Little Rock	.....do	23	4.9	4.0	3.3	2.9	3.0	3.5	3.5	4.1	5.5	4.6	3.7	3.5	4.5	5.4	6.0	5.1	4.4	4.4	5.7	6.5	6.7	6.2	5.5	5.0	4.6	4.4	4.1	4.4	3.0	2.8	2.5
Pine Bluff	.....do	25	8.6	8.8	8.0	7.9	7.8	7.7	7.6	7.6	8.3	9.3	8.6	8.0	7.8	8.8	10.2	9.9	9.5	8.4	8.5	8.5	10.2	10.5	10.2	9.3	8.9	8.6	8.3	7.9	7.5	7.2	7.1
Black Rock	Black	14	3.2	3.2	3.5	4.2	3.5	4.0	4.4	3.7	3.4	3.0	3.0	3.5	4.2	3.5	3.7	3.4	3.4	3.4	3.0	3.0	3.0	3.0	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6
Calico Rock	White	18	0.5	0.5	0.6	0.3	0.6	0.7	2.1	1.6	1.3	1.0	0.8	1.3	2.2	2.8	2.8	7.7	7.9	5.4	4.1	3.3	3.0	2.4	1.9	1.2	1.3	1.3	0.9	1.2	1.3	1.5	1.0
Batesville	.....do	23	6 1	5.8	6.1	6.5	5.7	5.9	8.1	7.7	7.0	6.5	6.3	6.1	7.2	8.2	8.8	8.3	14.5	12.9	10.3	9.3	8.7	8.6	7.8	7.1	7.7	6.6	6.5	6.4	6.4	6.5	6.6
Newport	.....do	26	3.2	3.0	2.9	2.9	3.3	4.0	4.2	4.3	7.5	6.9	6.4	6.0	5.8	5.8	6.0	6.2	6.3	8.2	8.4	8.7	6.4	4.6	4.2	4.0	3.7	3.6	3.8	3.7	3.5	3.4	3.4
Georgetown	.....do	22	1.4	1.0	0.8	0.8	1.3	1.8	3.8	4.0	5.0	6.4	5.8	5.8	5.0	4.3	3.9	4.9	5.8	7.1	9.7	10.4	9.8	8.0	7.3	6.4	5.2	4.3	4.0	3.1	2.5	2.3	2.3
Clarendon	.....do	30	9.9	9.6	9.5	9.3	9.3	9.4	9.6	10.0	10.5	11.1	12.0	12.4	12.6	12.4	12.0	11.8	11.9	12.4	13.2	14.6	15.6	16.0	15.8	15.2	14.4	13.6	12.9	12.2	11.6	11.1	10.7
Helena	Mississippi	42	12.4	12.1	11.5	10.8	10.1	9.4	9.1	8.9	8.9	9.5	10.6	11.5	12.1	12.4	12.5	12.7	12.9	13.3	13.8	14.4	15.0	15.4	15.5	15.4	15.3	15.4	15.5	15.6	15.6	15.5	15.0
Arkansas City	.....do	42	15.7	15.7	15.5	15.2	14.6	13.7	12.9	12.7	12.6	12.7	12.9	13.4	14.4	14.9	15.4	16.0	16.5	16.8	17.0	17.4	18.0	18.8	19.5	19.9	19.9	19.8	19.6	19.6	19.6	19.5	19.3
Camden	Ouachita	49	5.6	5.4	5.3	5.2	5.2	5.1	4.9	4.7	4.6	4.5	4.4	4.4	4.3	6.7	8.0	8.6	14.0	18.5	21.5	21.9	11.4	11.6	8.7	7.1	6.9	6.6	6.4	6.1	5.9	5.8	5.8
Danville	Petit Jean	20	1.6	1.4	1.4	1.3	1.6	1.8	6.2	9.6	6.7	4.6	3.7	3.0	2.6	7.1	9.4	5.8	4.2	5.2	4.7	4.2	3.9	3.7	3.4	3.3	3.2	3.0	2.8	2.5	2.2	4.1	3.8
Fulton	Red	28	10.3	10.1	10.0	9.9	9.7	9.5	9.5	9.5	9.7	9.6	10.2	10.0	9.9	10.0	10.0	10.1	10.8	12.7	12.8	11.6	10.6	9.9	9.5	8.9	9.2	8.4	8.2	8.0	8.0	7.9	8.2
Arkadelphia	Ouachita	18	0.2	0.2	0.3	0.4	0.5	0.2	0.1	0.2	0.4	0.1	0.1	0.6	2.8	2.3	2.8	7.0	4.9	4.8	4.8	3.5	3.0	2.4	2.5	2.0	1.6	1.3	1.0	1.0	0.9	0.8	0.8
Patterson	Cache	9	3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.4	5.6	6.6	6.8	6.6	6.4	6.2	6.0	6.0	6.0	5.8	5.6	5.4	5.2	4.8	4.4	4.2	4.0	3.8	3.6	3.4	3.4	3.4	3.4

Daily Temperatures for August, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	98	96	93	98	99	100	92	81	84	93	93	91	93	86	74	90	91	95	95	98	99	98	99	100	99	100	94	90	90	90	85	93.
	Minimum	67	67	67	72	67	67	73	70	70	71	71	70	71	70	70	70	72	72	70	66	69	69	71	68	68	68	68	68	67	65	67	69.
Batesville §§	Maximum	102	101	82	90	89	96	85	84	85	89	88	91	90	84	78	89	91	98	97	101	98	93	101	98	91	94	97	90	90	88	87	91.
	Minimum	71	72	73	68	68	70	69	63	62	63	65	71	72	74	66	68	75	71	71	68	70	66	70	68	71	68	67	68	65	66	64	68
Bee Branch	Maximum	103	103	95	96	94	99	93	87	86	93	95	94	93	89	79	93	95	97	98	100	103	97	100	100	91	99	98	90	91	81	90	94.
	Minimum	68	69	72	69	67	73	67	64	66	64	72	69	69	69	65	70	69	71	70	67	70	67	70	67	73	67	68	67	65	64	70	68.
Bentonville	Maximum	95	90	80	93	96	93	78	83	79	89	90	88	87	82	76	89	86	92	92	94	95	93	94	95	78	91	91	88	88	86	86	88.
	Minimum	71	70	64	60	68	69	63	59	65	69	72	72	71	68	68	70	72	70	70	71	71	70	72	70	69	71	70	69	67	68	66	68.
Booneville	Maximum	100	101	89	101	106	103	85	86	80	93	96	90	92	86	79	90	92	98	96	99	99	98	98	99	100	96	95	95	86	89	87	93.
	Minimum	75	77	73	72	70	78	67	72	70	72	74	71	73	70	70	71	76	73	75	74	73	73	77	76	75	78	70	69	68	68	71	72.
Brinkley	Maximum	101	99	92	96	93	101	88	91	90	95	95	94	94	90	81	92	94	98	99	101	101	97	101	99	96	93	96	94	92	92	94	94.
	Minimum	70	74	75	75	86	75	81	81	63	63	76	77	72	67	66	66	73	74	74	71	73	68	72	67	73	72	67	72	66	70	69	71.
Calico Rock §§	Maximum	99	101	88	90	92	98	84	87	87	88	88	91	92	82	79	91	93	96	98	99	95	95	101	86	89	97	95	93	89	92	91	91.
	Minimum	71	71	72	70	68	70	70	63	64	66	71	71	72	72	66	65	74	72	72	69	71	70	72	71	70	71	70	70	68	66	68	69.
Camden §§	Maximum	98	96	95	96	99	98	96	87	84	96	95	90	93	94	78	92	93	94	95	97	99	98	99	98	97	95	93	89	90	90	86	93.
	Minimum	71	71	72	72	70	72	71	72	70	70	73	75	69	71	73	71	74	76	72	69	69	71	72	66	67	71	69	71	63	66	68	70.
Conway	Maximum	102	101	91	97	94	99	86	88	85	94	96	93	94	82	79	93	96	97	99	100	100	98	97	100	96	96	95	92	94	95	88	94.
	Minimum	70	71	70	73	67	74	70	69	67	66	73	70	71	73	71	73	72	72	72	74	73	72	73	74	71	69	69	71	66	67	70	70.
Corning	Maximum	102	102	81	88	90	92	84	86	88	90	82	90	91	84	85	89	92	96	100	101	91	95	100	91	94	98	89	90	94	88	83	91.
	Minimum	70	76	70	64	69	73	68	59	60	62	71	70	71	73	65	71	73	74	72	68	72	71	66	66	69	70	68	68	69	70	67	68.
Dardanelle	Maximum	101	92	95	94	96	85	85	81	88	97	91	93	85	78	92	93	94	98	102	98	93	96	97	90	93	96	90	83	90	91	90	91.
	Minimum	71	81	75	74	69	75	68	71	70	70	75	73	74	73	72	74	75	73	73	70	71	73	74	72	73	73	72	70	68	67	67	72.
Dodd City	Maximum	95	94	83	90	94	95	92	84	82	85	90	84	86	80	86	86	91	89	93	95	98	93	94	97	96	96	95	92	90	88	86	89.
	Minimum	67	68	65	65	66	69	66	56	63	65	62	67	68	74	68	63	70	67	66	66	67	70	70	68	72	67	66	63	65	61	69	71.
Dumas	Maximum	101	100	100	98	92	96	91	82	89	94	96	94	85	92	78	92	94	94	95	96	97	96	95	98	97	96	95	92	92	90	88	93.
	Minimum	72	75	74	75	70	74	72	72	69	68	73	74	70	72	73	72	74	76	74	71	72	74	72	67	71	70	64	72	63	67	69	71.
Dutton	Maximum	94	95	89	92	94	94	88	83	74	85	88	86	88	81	74	87	93	92	95	94	95	95	96	97	93	92	90	88	86	85	83	88.
	Minimum	63	65	68	61	64	66	66	60	62	67	71	68	67	67	68	69	69	67	66	64	62	65	65	64	62	67	65	66	62	61	66	66.
El Dorado	Maximum	101	97	98	100	101	100	100	90	89	98	98	97	97	95	79	97	97	100	100	102	103	102	102	103	102	98	97	96	95	95	92	92.
	Minimum	72	74	74	72	73	75	74	73	70	70	73	75	71	71	74	73	74	75	73	70	71	71	71	66	68	73	70	70	63	67	70	71.
England	Maximum	102	100	94	99	95	100	90	89	87	91	95	90	94	89	79	92	95	98	97	101	101	98	100	101	97	96	95	95	92	92	89	93.
	Minimum	71	74	75	73	69	74	72	70	69	62	71	70	72	73	73	74	73	76	72	70	71	73	72	67	72	70	66	71	65	62	69	70.
Eureka Springs	Maximum	96	93	88	95	97	98	85	85	81	89	90	90	86	80	78	89	87	93	93	96	96	94	96	97	81	92	93	91	89	88	86	90.
	Minimum	74	72	65	61	68	75	65	58	66	68	72	68	69	67	65	67	74	70	75	74	69	68	73	71	67	68	71	68	64	64	64	70.
Fayetteville	Maximum	94	94	85	93	95	96	93	85	....	....	....	....	86	....	....	....	....	....	....	....	....	....	....	....	96	92	97	90	90	91	89	89.
	Minimum	78	76	71	72	66	75	65	63	74	65	69	72	71	67	68	69	70	71	75	73	75	67	71	68	72	72	71	68	68	64	64	70.
Fort Smith	Maximum	96	97	85	98	100	101	88	84	78	93	95	92	91	82	78	91	92	96	99	99	99	99	106	99	91	93	95	92	91	85	87	93.
	Minimum	76	70	72	72	71	76	68	72	72	70	75	72	74	71	73	72	75	73	76	73	74	74	75	75	76	75	74	73	71	70	71	73.
Gillett	Maximum	101	98	97	98	94	99	90	84	89	95	91	89	....	94	79	93	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	72	73	73	75	67	71	71	71	68	67	72	73	....	71	73	73	73	75	73	71	79	73	70	65	67	69	64	72	63	68	69	70.
Grannis	Maximum	93	93	91	94	95	96	88	85	78	88	91	85	88	83	79	88	89	89	91	91	94	95	94	95	94	93	92	87	86	85	83	89.
	Minimum	69	68	73	71	68	69	68	71	68	68	72	67	70	70	71	72	70	70	69	66	68	69	70	68	69	70	68	69	66	65	67	69.
Gravette	Maximum	95	91	81	94	96	95	82	83	79	89	91	89	86	82	78	89	85	92	92	93	93	94	94	95	85	92	92	90	90	87	83	89.
	Minimum	63	75	65	68	65	78	65	59	67	69	72	71	69	66	67	68	74	67	73	68	67	68	69	68	65	70	61	63	67	65	65	69.
Hardy	Maximum	102	103	98	88	89	96	91	86	88	90	89	92	90	83	82	90	95	97	91	100	....	96	100	98	86	96	89	....	90	88	87	90.
	Minimum	71	69	70	66	76	74	68	60	60	62	69	70	72	67	71	73	72	74	72	73	72	70	69	67	69	69	67	68	....	66	65	68.
Hope	Maximum	100	99	98	100	101	102	103	98	90	99	101	94	96	98	87	94	94	98	100	102	102	101	102	101	101	102	99	98	98	92	90	91.
	Minimum	72	72	73	73	72	72	71	71	70	69	75	75	71	71	71	90	91	85	89	90	93	95	102	102	180	100	100	96	92	97	97	95.
Hot Springs	Maximum	98	95	96	96	97	98	98	97	96	91	92	91	90	91	85	89	90	93	95	102	102	73	71	71	70	72	75	74	70	71	76.	
	Minimum	72	76	73	79	79	76	69	70	74	70	71	72	74	72	71	74	70	70	72	75	74	73	71	71	70	72	75	74	70	71	76.	
Huttig	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	70	72	71	72	70	72	78	78	70	74	71	79	72	70	75	74	78	70	76	78	70	82	72	68	72	72	65	64	64	68	76.	
Jonesboro	Maximum	100	102	96	92	93	96	89	88	90	94	91	97	94	92	83	93	95	100	105	101	95	101	101	100	94	101	99	96	101	95	97.	
	Minimum	73	76	73	67	68	76	69	64	62	69	72	70	73	74	68	71	75	74	71	73	74	67	69	67	71	71	66	71	64	67	70.	
Junction	Maximum	104	103	102	103	103	102	102	94	92	101	99	98	96	89	82	98	99	103	103	106	105	106	105	103	104	103	96	94	93	92	90.	
	Minimum	69	69	67	69	70	71	72	71	68	73	72	73	73	72	73	74	73	75	68	72	73	71	70	71	72	72	71	71	68	67	61	64.
Little Rock	Maximum	97	95	90	93	91	96	83	84	83	92	92	88	89	82	77	88	90	93	94	97	96	93	95	97	93	91	91	90	88	88	86.	
	Minimum	76	75	74	68	68	76	71	71	71	71	74	70	72	74	70	73	74	76	75	73	75	73	77	74	72	72	71	71	71	70	71.	
Lutherville	Maximum	101	100	94	98	92	99	87	87	81	89	93	90	89	84	82	91	91	94	97	98	97	99	98	98	96	97	96	94	86	90	89.	
	Minimum	73	74	73	72	67	77	67	69	69	68	74	71	71	72	70	71	71	72	73	71	73	75	75	73	78	75	73	70	69	68	68.	
Malvern	Maximum	99	98	95	95	96	97	92	87	84	93	94	89	90	89	79	90	89	94	95	97	100	99	98	99	94	93	91	89	90	88	79.	
	Minimum	75	74	75	74	69	73	73	72	70	70	72	73	71	73	71	72	72	73	72	69	71	74	72	68	72	70	71	70	66	68	71.	
Mammoth Spring	Maximum	99	99	92	87	87	91	90	83	85	87	86	88	88	84	79	87	91	93	96	94	93	96	94	95	85	91	91	90	91	90	87.	
	Minimum	70	69	70	66	68	74	69	59	61	63	69	70	71	73	68	71	71	69	68	68	70	68	68	69	70	67	68	68	66	65	69.	
Marked Tree §§	Maximum	97	78	87	86	94	84	85	85	80	89	92	94	91	81	90	91	96	98	100	96	100	92	95	91	91	91	90	91	92	95	91.	
	Minimum	75	72	70	71	69	70	64	62	63	65	71	71	73	71	71	71	74	71	75	74	70	70	68	70	70	65	69	63	66	69	70.	
Marshall	Maximum	98	97	86	91	94	96	87	84	85	90	93	89	88	81	77	89	89	93	94	96	96	95	98	98	86	95	91	88	88	84	85.	
	Minimum	74	77	70	71	72	79	70	65	66	69	74	71	73	71	64	70	65	73	75	72	70	73	76	78	76	78	76	70	68	65	71.	
Mena	Maximum	97	97	92	98	100	102	90	84	78	93	93	88	91	83	75	90	91	94	94	97	97	97	96	97	94	93	92	90	90	87	89.	
	Minimum	69	71	74	71	69	73	68	69	70	66	73	69	71	69	68	70	72	73	72	68	66	68	70	68	70	70	72	68	66	63	68.	
Mountain Home	Maximum	103	103	85	91	94	100	83	86	85	97	87	88	91	85	78	93	93	96	97	98	94	93	98	99	84	95	94	90	90	87	89.	
	Minimum	68	68	67	65	67	70	68	59	63	64	67	69	70	68	66	70	71	69	70	67	69	67	69	67	74	67	68	68	66	63	68.	
Mount Ida	Maximum	....	96	91	97	99	102	88	80	81	92	92	92	89	81	77	89	91	97	95	95	98	98	98	97	96	94	93	89	90	89	85.	
	Minimum	....	67	74	72	69	70	68	69	70	68	73	71	69	70	70	71	70	71	69	65	66	68	67	68	69	70	67	70	67	68	66.	
Nail	Maximum	93	90	80	88	86	90	81	81	72	82	85	84	84	76	79	88	87	90	88	91	92	92	91	90	88	87	86	86	85	81	80.	
	Minimum	74	74	67	66	64	74	64	62	64	66	70	65	64	66	65	62	64	68	72	72	73	74	70	71	72	68	69	66	66	65	66.	
Newport	Maximum	100	99	95	90	90	96	88	86	89	91	88	94	87	86	79	91	95	100	99	100	94	95	99	97	91	95	92	91	92	89	92.	
	Minimum	72	76	72	71	69	76	70	66	65	66	75	70	72	69	69	73	75	73	74	72	74	69	72	71	75	71	69	70	68	69	75.	
Osceola	Maximum	99	96	96	92	90	88	85	84	86	90	88	89	90	90	88	86	90	94	95	96	94	91	93	92	93	91	90	88	91	89	89.	
	Minimum	76	76	68	69	68	76	70	64	64	62	73	71	71	74	71	73	75	76	75	75	75	69	67	69	70	72	68	71	67	70	70.	
Ozark	Maximum	101	101	101	100	100	99	88	96	86	80	91	95	93	81	78	91	94	96	98	98	100	98	101	101	95	97	98	90	92	91	89.	
	Minimum	....	....	....	....	....	....	....	....	....	....	....	72	76	75	71	74	74	72	73	74	70	73	76	76	74	74	76	74	72	69	69	74.	
Pine Bluff	Maximum	102	103	96	101	104	102	94	83	87	97	95	92	97	91	79	96	96	98	99	100	101	99	101	101	100	97	96	95	95	95	95.	
	Minimum	74	75	75	75	75	76	73	73	72	69	73	71	72	73	74	71	74	76	75	71	73	75	75	71	74	72	67	73	68	71	70.	
Pocahontas	Maximum	99	101	98	88	88	94	90	85	88	91	88	91	88	87	79	91	91	97	98	99	95	93	99	91	89	95	91	91	92	92	92.	
	Minimum	72	75	71	67	68	75	68	62	64	63	69	70	72	72	66	71	76	71	76	71	72	67	68	69	70	70	69	69	64	67	69.	
Portland	Maximum	104	102	102	102	103	103	101	87	94	97	99	93	97	96	86	94	96	95	99	101	101	100	102	103	102	102	103	102	98	97	93	92.
	Minimum	73	74	74	72	73	72	73	74	71	71	72	75	71	70	72	72	74	74	72	73	74	70	73	74	75	73	70	71	65	72	65.	
Prescott	Maximum	96	98	98	99	98	99	95	83	76	92	96	94	95	95	95	93	94	95	95	100	99	98	100	99	98	97	95	95	92	92	93.	
	Minimum	71	71	71	71	71	71	72	83	....	....	....	73	82	72	72	74	75	72	74	71	73	73	69	70	70	71	70	71	71	71	68.	
Rison	Maximum	104	102	99	101	101	104	99	86	81	98	98	91	98	94	81	94	99	....	....	86	70	70	71	71	68	71	70	67	73	66	68	69.
	Minimum	72	74	75	73	68	74	72	71	80	68	72	71	70	72	72	78	....	72	72	78	....	73	74	73	74	73	72	71	68	65	66.	
Rogers	Maximum	95	95	83	95	95	95	84	82	78	88	91	87	88	84	77	90	87	93	92	95	96	94	95	96	87	90	93	92	87	86	85.	
	Minimum	64	72	62	60	66	72	66	60	64	71	73	72	68	67	67	70	75	64	72	67	60	67	74	72	68	69	68	67	64	65	66.	
Searcy	Maximum	100	100	92	95	91	99	95	87	85	94	92	91	90	85	82	91	94	98	98	99	95	93	95	96	92	91	91	90	88	88	86.	
	Minimum	81	81	82	77	72	79	74	78	70	75	76	74	76	77	74	77	78	79	80	80	77	75	77	78	76	74	74	74	73	73	74.	
Subiaco	Maximum	101	101	90	101	99	102	87	87	82	91	96	88	94	84	80	92	94	96	97	99	100	99	100	100	95	96	96	88	91	90	89.	
	Minimum	73	73	74	73	69	74	68	71	70	71	75	73	72	71	71	71	71	73	72	73	72	71	73	74	73	74	73	72	70	69	68.	
Stuttgart	Maximum	101	102	94	98	90	96	87	88	85	94	94	91	95	90	81	92	92	95	98	99	100	98	99	100	96	94	97	95	95	91	90.	
	Minimum	73	73	73	74	69	69	71	68	69	68	73	73	72	72	74	73	75	75	74	76	70	72	70	66	68	70	76	74	76	70	65.	
Texarkana	Maximum	96	100	96	98	100	99	100	95	88	95	95	93	96	95	90	94	96	98	97	102	102	102	105	104	102	100	99	91	93	92	89.	
	Minimum	72	73	74	76	75	75	75	76	70	70	76	77	72	72	72	74	74	69	71	72	70	70	73	73	72	73	74	73	72	68	67.	
Umphers	Maximum	96	98	92	97	94	96	87	83	79	89	92	90	88	83	77	87	90	92	92	94	98	97	99	99	94	....	....	....	91	86	87.	
	Minimum	74	75	75	72	68	73	66	70	70	68	74	70	70	71	70	70	73	74	76	72	73	73	71	71	70	....	....	....	67	67	67.	
Warren	Maximum	101	99	98	99	101	101	100	88	89	92	93	89	94	91	81	91	91	95	96	97	98	101	100	99	101	95	92	91	92	90	87	88.
	Minimum	74	77	77	71	75	72	76	74	70	72	71	74	76	73	73	73	74	75	77	71	73	72	74	73	69	74	71	68	72	67	69	71.
Wynne	Maximum	101	101	87	90	91	98	86	87	89	95	95	94	93	93	85	93	94	97	99	100	97	94	96	96	95	93	94	92	91	89	94	92.
	Minimum	72	70	74	72	70	77	69	65	64	67	74	72	72	74	72	73	75	75	73	72	72	71	70	68	73	69	69	73	65	70	71.	

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occu

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVI. LITTLE ROCK, ARK., SEPTEMBER, 1921. No. 9.

GENERAL SUMMARY.

The month of September, 1921, was marked by unusually high emperature up to and including the 29th, every day being nor-al or above. The monthly mean, 79.6°, has not before been qualed during the past 31 years, 79.0° in 1911 and 78.5° in 912 being the next highest recorded. This was the fifth consecu-ve month with a positive temperature departure and April 1921 the only month with a mean temperature below normal since ovember, 1920 Higher temperatures than the extreme of 104° ave frequently been recorded during September, but never before ave temperatures been so continuously above normal. On the 0th a HIGH from the Northwest overspread the Mississippi alley bringing with it the first cool weather of the fall, Gravette eporting light frost with a temperature of 35°.

Rain fell at some point in the State every day during the onth except the 3d and the 24th, but the amounts were sel-om heavy and the weather was generally favorable for farm ork. Most of the cotton was open at the close of the month nd picking was in progress, the rice harvest was beginning, and her crops were being taken care of under favorable conditions.

On the afternoon of the 7th a tornado occurred in Oil Trough ottom, 10 miles west of Newport. A few barns and tenant ouses were blown down but the damage was not great.

W. C. H.

TEMPERATURE.

The mean temperature for the State, as determinated from e records of 55 stations, was 79 6°, the departure from the nor-al being +5.7° with all stations showing positive departures. he highest monthly mean was 83 8° recorded at Huttig; the west, 73.8°, at Nail and Dutton. The highest temperature re-rded during the the month was 104° at Huttig on the 2d and Jonesboro on the 5th; the lowest, 35°, at Gravette on the 30th. he highest occurred on different dates, but the lowest came the 30th in all sections. The greatest daily range was 38° Marked Tree on the 29th and at Gravette on the 30th.

PRECIPITATION.

The average precipitation, as shown by the record of 69 sta-ons, was 3.38 inches, which is only 0.05 inch above normal. he geographical distribution was irregular, but most of the avier totals were in the southern counties with the lighter in e northern. The greatest monthly total was 6.96 inches, mea-red at Arkansas City: the least, 0.67 inch, at Huttig. The great-amount measured in 24 consecutive hours was 3.43 inches at xarkana on the 25th. The average number of rainy days was 7.

Corrections: August 1921.
oneville, lowest temperature should be 67° on 7th.
llett. lowest temperature should be 63° on 29th.
ount Ida, greatest 24 hour precipitation should be 3.92 on 12th.
ail, clear, partly cloudy, and cloudy days should be 13, 10, 8.
ark, clear and cloudy days should be 9, 13.
ne Bluff, daily river stages 27th, 8.4; 28th, 7.9; 29th, 7.5; 30th, 7.2; 31st, 7.0.
n 8.6.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	29.98	30.15	30	29.81	4	3,279	15	s.	20	.....	.....	57
Fort Smith...	29.96	30.15	30	29.75	29	4,872	29	s.	9	89	64	66
Little Rock..	30.00	30.14	22	29.78	29	5,265	39	e.	5	91	67	67
Memphis....	30.05	30.19	22	29.86	29	5,093	30	nw.	21	81	66	72

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 3; 4th, 1; 5th, 9; 6th, 2; 7th, 2; 8th, 3; 9th, 5; 10th, 1; 11th, 5; 12th, 5; 13th, 9; 14th, 4; 15th, 1; 18th, 1; 19th, 1; 20th, 1; 21st, 13; 22d, 3; 23d, 1; 25th, 3; 26th, 2; 28th, 1; 29th, 14; 30th, 1.

Solar Halos:— 3d, 1.

Moderate Hail:— 29th, 1.

Light Frost:— Gravette, 30th.

Dense Fog:— 27th, 2.

COMPARATIVE DATA FOR ARKANSAS---- SEPTEMBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
Normal*	**73.9**		**103**	**36**	**3.33**		**17**	**7**	**6**	**6**
1891.....	73.4	−0.5	102	40	0.94	−2.39	22	6	2	2
1892.....	70.8	−3.1	96	32	2.14	−1.19	23	4	3	3
1893.....	74.0	+0.1	103	36	3.75	+0.42	19	5	6	5
1894.....	73.1	−0.8	100	38	3.56	+0.23	14	8	8	6
1895.....	77.1	+3.2	105	32	1.36	−1.97	19	7	4	4
1896.....	73.3	−0.6	106	35	3.25	−0.08	11	9	10	10
1897.....	76.6	+2.7	108	33	0.60	−2.78	21	7	2	2
1898.....	75.2	+1.3	104	40	7.35	+4.02	15	6	9	8
1899.....	71.9	−2.0	109	28	1.21	−2.12	20	7	3	3
1900.....	78.0	+4.1	104	48	4.25	+0.92	12	12	6	7
1901.....	72.6	−1.3	101	32	3.08	−0.25	18	8	4	4
1902.....	68.4	−5.5	99	30	5.06	+1.73	15	8	7	8
1903.....	70.7	−3.2	102	34	2.47	−0.86	18	7	5	5
1904.....	75.4	+1.5	101	37	2.46	−0.87	15	9	6	5
1905.....	74.2	+0.3	100	44	3.90	+0.57	16	7	7	8
1906.....	75.7	+1.8	100	47	6.24	+2.91	11	9	10	10
1907	73.9	0.0	106	38	2.22	−1.11	19	8	3	4
1908.....	73.4	−0.5	101	29	4.00	+0.67	13	8	9	7
1909.....	74.7	+0.8	108	31	2.84	−0.49	18	7	5	5
1910.....	76.4	+2.5	101	44	2.41	−0.92	18	8	4	5
1911.....	79.0	+5.1	102	46	3.67	+0.34	18	9	3	6
1912.....	78.5	+4.6	106	32	2.40	−0.93	18	8	4	4
1913.....	71.7	−2.2	108	33	10.10	+6.77	9	9	12	13
1914.....	74.4	+0.5	101	38	3.19	−0.14	16	9	5	5
1915.....	74.9	+1.0	100	34	1.43	−1.90	16	8	6	3
1916.....	72.5	−1.4	102	30	3.40	+0.07	19	6	5	5
1917.....	71.8	−2.1	99	37	1.76	−1.57	18	7	5	4
1918.....	67.3	−6.6	104	29	4.63	+1.30	16	5	9	7
1919.....	74.6	+0.7	108	40	2.72	−0.61	15	8	7	4
1920.....	74.9	+1.0	100	30	3.56	+0.23	17	6	7	5
1921.....	79.6	+5.7	104	35	3.38	+0.05	14	9	7	6

* Based on 30 years record.

Climatological Data for September, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	79.4	+ 5.3	99	15	55	30	30	2.92	−0.41	1.70	0	4	22	1	7	s.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	4.05	+1.58	0.95	0	8	11	0	19	sw.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	6.96	+4.06	2.00	0	11	16	8	6	s.	Geo. E. Payne.
Batesville	Independence	277	22	78.8	+ 6.4	97	15	47	30	32	3.40	−0.67	0.94	0	10	12	2	16	s.	Mrs. Leia I. Teter.
Bee Branch	Van Buren	.....	29	79.6	+ 5.2	100	5	47	30	33	3.65	+0.40	1.60	0	9	3	21	6	w	J. E. Scanlan.
Bentonville	Benton	1303	15	76.2	+ 7.3	98	22	40	30	36	0.86	+2.61	0.34	0	7	13	9	8	s.	U. S. Weather Bureau
Bergman	Boone	1324	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John T. Maxey.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	3.60	−0.02	1.73	0	9	14	4	12	s.	Vernon C. Howe.
Booneville	Logan	925	7	80.8	.....	93	15†	50	30	26	3.86	.....	2.42	0	8	20	8	2	s.	Supt. Tuberculosis S
Brinkley	Monroe	226	39	81.8	+ 7.7	100	18	54	30	31	4.20	+0.97	1.12	0	9	15	12	3	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	79.6	.....	98	15	48	30	33	3.04	−0.89	0.92	0	8	20	6	4	s.	J. M. Richardson.
Camden	Ouachita	158	35	80.2	+ 5.1	97	19†	58	30	32	5.36	+1.92	3.36	0	8	16	8	6	s.	A. B. Quarterman.
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. M. Huddleston.
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	3.50	−0.59	1.56	0	8	9	7	14	s.	J. W. Bishop.
Conway	Faulkner	309	37	81.9	+ 8.1	101	16†	49	30	32	1.06	−2.59	0.34	0	4	15	11	4	s.	E. E. Cordrey.
Corning	Clay	293	21	76.2	+ 4.1	94	4†	47	30	35	2.46	−1.22	1.25	0	12	12	13	5	sw.	Rev. N. E. Skinner
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	3.91	.....	1.78	0	7	20	0	10	se.	J. R. Avera.
Dardanelle	Yell	330	35	80.2	+ 5.9	98	5†	48	29†	34	1.93	−1.58	0.73	0	6	18	0	12	s.	J. D. Raley
Dodd City	Marion	1175	39	76.0	+ 4.3	94	16	39	30	34	1.94	−1.91	0.47	0	10	15	14	1	s.	Neal Dodds
Dumas	Desha	162	14	80.8	+ 6.2	100	13	57	30	30	5.72	+1.59	1.90	0	14	2	22	6	.....	Ben. Johnson.
Dutton	Madison	1590	19	73.8[g]	− 5.4	91[g]	15	40[g]	30	31[g]	.....	.....	.....	0	.....	9[g]	11[g]	3[g]	s.	J. M. Ricketts
El Dorado	Union	265	17	82.7	+ 6.1	100	14	57	30	31	5.24	+1.98	2.22	0	8	13	8	9	sw.	Mrs. Virgil N. Wall
England	Lonoke	229	14	81.6	+ 4.7	100	11†	56	30	31	2.66	−1.31	0.86	0	8	18	9	3	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	76.4	+ 4.5	93	15†	42	30	33	4.82	+0.97	2.60	0	8	11	18	1	se.	George W. Nichoald
Fayetteville	Washington	1451	35	77.0	+ 4.7	92	22	42	30	28	1.50	−2.22	0.80	0	4	21	7	2	ne.	University of Arkan
Fort Smith	Sebastian	481	39	80.1	+ 7.4	96	4	49	30	26	1.24	−1.93	0.54	0	8	10	11	9	e.	U. S. Weather Bur
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	5.23	+2.75	2.13	0	5	17	2	11	s.	T. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	4.02	.....	2.30	0	7	23	2	5	w.	Cleve Bell.
Gillett	Arkansas	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. E. F. Beverburg
Grannis	Polk	921	3	77.4	.....	91	15†	18	30	29	2.52	.....	0.66	0	11	18	8	4	s.	W. E. Mc Vay.
Gravette	Benton	1250	23	76.3	+ 5.4	94	23	35	30	38	1.66	−2.01	0.44	0	7	16	8	6	sw.	A. F. Stevens.
Hardy	Sharp	643	24	78.8[e]	+ 6.3	99[e]	3†	46	30	35[e]	0.81	−3.32	0.46	0	2	14[e]	6[e]	3[e]	sw.	Mrs. D. S. Madden
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	3.62	+0.10	1.30	0	9	13	2	15	s.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	2.53	.....	0.62	0	9	12	16	2	sw.	Arthur Cross.
Hope	Hempstead	377	49	82.1	+ 8.0	102	5†	56	30	32	5.68	+2.66	2.00	0	7	16	9	5	s.	N. P. O' Neal.
Hot Springs	Garland	609	28	79.7	+ 4.7	98	11	54	30	35	3.29	+0.29	1.16	0	8	20	8	2	s.	A. & N. Gen. Hosp
Huttig	Union	.....	14	83.8	+ 7.3	104	2†	60	30	34	0.67	−2.49	0.39	0	2	14	6	10	sw.	J. L. Collett.
Jonesboro	Craighead	315	26	81.8	+ 7.6	104	5	50	30	34	4.14	+0.56	0.80	0	11	11	16	3	s.	Benedictine Sisters
Junction‡‡	Union	182	28	82.1	+ 6.6	101	15†	59	30	34	2.21	−0.08	1.18	0	3	22	5	3	sw.	J. A. Lowderback.
Little Rock	Pulaski	286	42	79.6	+ 6.5	95	14	55	30	26	2.18	−1.08	0.78	0	9	18	8	4	s.	U. S. Weather Bure
Latherville ‡‡	Johnson	775	24	79.6	+ 6.1	97	4	47	30	33	4.35	+0.71	1.45	0	10	15	12	3	sc.	H. Kauffeld.
Magnolia ††	Columbia	315	3	80.6	.....	97	16	49	30	39	2.90	.....	1.60	0	4	7	0	13	s.	State Agriculture Sc
Malvern	Hot Springs	277	38	79.3	+ 4.9	96	11	57	30	27	3.57	+0.49	0.95	0	7	7	8	15	sw.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	16	77.0[a]	+ 2.6	94[a]	4	46[a]	30	37[a]	2.23	−2.25	0.53	0	8	13[a]	13[a]	3[a]	s.	W. S. Vincent.
Marianna	Lee	235	12	79.6	+ 6.6	95	14	56	30	26	2.28	.....	0.44	0	9	18	2	10	sw.	S. G. Helm
Marked Tree	Poinsett	229	16	79.4	.....	99	22	45	30	38	2.93	−0.56	0.54	0	10	13	13	4	n.	Charles Walton.
Marshall	Searcy	1083	6	78.8	.....	95	4	47	30	28	2.46	.....	0.64	0	7	2	26	2	sw.	W. F. Reeves.
Mena	Polk	1208	33	78.6	+ 4.6	95	13†	52	30	27	3.25	−0.35	1.64	0	10	13	11	6	s.	E. W. St. John.
Morrilton	Conway	347	1	80.0	.....	96	15†	61	26†	26	2.38	.....	0.73	6	7	3	22	5	s.	J. W. Jackson.
Mountain Home	Baxter	800	7	78.0	.....	99	1	43	30	32	4.43	.....	3.00	0	5	12	15	3	sw.	B. S. Harbert.
Mount Ida	Montgomery	730	23	79.4	.....	98	15	48	30	31	1.04	−2.24	0.65	0	3	18	8	4	sw.	G. A. Whittington.
Murfreesboro	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	2.48	.....	2.48	0	1	14	10	6	ne.	Henry A. Davis.
Nail	Newton	2233	28	73.8[a]	+ 3.7	89[a]	4†	42[a]	30	29[a]	2.38	−2.29	0.75	0	9	14	10	6	s.	Charles Paxton.
Newport	Jackson	231	37	80.1	+ 6.4	95	5†	52	30	30	3.62	−0.27	1.56	0	10	10	14	6	s.	George L. Robinson
Okay ††.....	Pope	1700	6	.....	.....	.....	.....	.....	.....	.....	3.59	.....	1.30	0	9	12[b]	13[b]	3[b]	s.	U. S. Forest Servic
Osceola	Mississippi	240	21	81.0	+ 9.0	95	13†	54	30	26	1.88	−0.84	1.25	0	5	.....	.....	.....	s.	Atwood P. Smith.
Ozark	Franklin	377	25	80.8	+ 4.3	99	16	46	30	33	3.07	+0.10	1.12	0	8	3	9	18	sw.	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	3.13	.....	1.05	0	5	16	0	14	sw.	W. E. Baker.
Pine Bluff	Jefferson	215	37	82.8	+ 7.1	101	5†	59	30	31	3.91	+0.38	1.22	0	10	20	3	7	sw.	Roy F. Hammond.
Pocahontas	Randolph	396	29	79.4	+ 6.5	98	16	49	30	36	3.28	−0.29	1.30	0	9	2	21	7	s.	Benedictine Sisters
Portland	Ashley	122	15	82.6	+ 6.5	101	13	59	30	32	4.89	+1.89	3.05	0	6	15	11	4	s.	W. E. Edmiston.
Prescott	Nevada	327	39	82.5[b]	+ 6.6	99[b]	5	60[b]	30	30[d]	6.05	+3.06	1.95	0	7	17[a]	6[a]	6[a]	.....	F. J. Johnson.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	4.39	+1.08	1.50	0	8	21	0	9	ne.	Foote Coleman.
Rison	Cleveland	243	17	82.5	+ 7.3	101	5†	57	30	30	2.24	−1.67	0.89	0	4	6	24	0	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	76.4	+ 5.2	94	15	41	30	30	2.82	−0.80	0.92	0	6	17	7	6	s.	Carl A. Starck.
Searcy	White	236	8	82.6	.....	97	15†	58	30	27	2.21	.....	0.52	0	11	13	7	10	sw.	Miss Sarah Cypert.
Springbank ††	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	4.44	+1.14	3.00	0	4	17	1	12	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	81.5	+ 7.4	99	15†	57	30	29	3.84	+0.34	1.71	0	8	16	10	4	sw.	H. A. Buerkle.
Subiaco	Logan	1050	24	80.6	+ 5.5	98	4	49	30	26	5.74	+2.14	2.28	0	9	15	13	2	s.	New Subiaco Abbey
Texarkana	Miller	352	39	82.4	+ 5.6	100	18	61	30	28	4.16	+1.37	3.43	0	5	19	5	6	s'	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	77.6[b]	.....	92[b]	13	62[b]	21†	28[b]	5.34	.....	1.70	0	7	15[b]	9[b]	4[b]	s.	U. S. Forest Servic
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	5.72	.....	3.31	0	10	7	13	10	s.	Dr. Cheves. Bevil.
Warren	Bradley	206	2	81.7	+ 5.3	99	24	58	30	27	4.15	−0.45	2.57	0	5	12	12	6	se.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	5.90	+3.62	2.40	0	6	15	4	11	sw.	Miss Eulela M. Sch
Wynne	Cross	250	13	81.1	+ 8.0	99	19	54	30	30	2.95	−0.55	0.60	0	1	16	1	13	s.	J. M. Larkan.
State Means and Extremes				79.6	+ 5.7	104	2†	35	30	38	3.38	+0.05	3.43	0	7	14	9	7		

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete
ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], app
in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Jun
Randolph, La.; Latherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for September, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita									.99	.01																						
Arkadelphia	do	.30				.50	.25			.95	.20																1.70			.22			
Arkansas City	Mississippi	1.68	T.				T.	.03	.01	T																.90	.35					2.92
Batesville	White	.44				.24		.14	T.						.10						.07	T.	2.00	.07		.22	1.40	1.04			.60		4.05
Bee Branch	Arkansas	.10			1.60									.94	.14					T.		.04	.56				.02			.34		6.96
Bentonville ***	do	T.			.10			.07				.01	T		T.				.05			.35				T	.15			.08	.80		3.40
Bergman	White																					.34				.18					.35		3.65
Black Rock	do	.13						1.73	.24																					.11			0.86
Booneville	Arkansas	.75		.08					.10	T.				.02	.20	.42		.16				.04	.32					T.					
Brinkley	White	.43				1.12			.51	.06	T.	.01		T.							2.42					.32	.14				.36		3.60
Calico Rock	do					.04		T.														1.11					.12	.03		.03			3.86
Camden	Ouachita	.59				.61	.05	.46						.85	.01					.20		.33									.81		4.20
Centerpoint	Little River																.06												.01		.92		3.04
Clarendon	White	.45				.20			.07	.02																3.36	.11				.12		5.36
Conway	Arkansas								.23													.78				.40	.02			1.56		
Corning	White	.09					.02	.14			.04		.05	.08				.05				.32				.34	.17					3.50
Danville	Arkansas		.06			.51				.87		.04	.17	T.								.30		1.25		.05	.03					1.06
Dardanelle	do	.20				.40							.44									1.78					.48				.36		2.46
Dodd City	White				.10			.03		.04				.47	.30				.25			.73				.12							3.91
Dumas	Arkansas	.04			.18	.15	.01	.40	.02			.25	.05		.03							.36				.10							1.93
Dutton	White							.06	.25	.06	.01		.01			.20		.66	.18	.57	.02	.47			1.90	.52			1.04	.03			1.94
El Dorado	Ouachita	T.					.12	.04	.44	.10									.02			.05				.24	.12			.55			5.72
England	Arkansas	.02			.39	.02	.86	.22	.12																	.22	2.05						
Eureka Springs	White	T.			2.60			.20																		.56				2.22		5.24
Fayetteville	do	T.			.18			T.						.15						.12		1.06				.26				.47		2.66
Fort Smith ***	Arkansas	.02			.54		.02	.02	T.					T.								.80				.20	T.			.43			4.82
Fulton	Red					.77	.72	T.	.45	T.									.04			.39				.20	T.			.12			1.30
Georgetown	White	.50				.95	.10	.02							.10												2.13			.01			1.24
Gilbert	Arkansas																														1.16		5.23
Grannis	Red	.21			.66		.02	.16	.45	.03	T.																	2.30	.05				4.02
Gravette	White	.06			.08			.38	T.		.19								.04														
Harly	do																		.15			.36				.23	.32	.02		.35			2.52
Helena	Mississippi	1.00					.08		.04	.22					.35											.44				T.			1.66
Higden	White					.08	.55	.09	.05				.07	.32		1.30							.16				.32	.10			.46		0.81
Hope	Red				.33	2.60	T.	.53	.05													.45				.30				.40		3.62
Hot Springs	Ouachita					.60	.10	.05							.34							T.				T.	1.83			.62			2.53
Huttig	do		.39										.04	.90									.07	.37			1.16			.60			5.68
Jonesboro	White	.37					.28				.60	.07	.30	.48								.40				.02	.48		.34		.28		3.29
Junction	Ouachita							T.	.31																					.80		0.67
Little Rock ***	Arkansas	.01			.56		T.	.04	T.	T.		T.	.12														.72			1.18			4.14
Lutherville	do	.35			1.45			.45		.10			.40									.07				.10	.68			.59	.01		2.21
Magadia	Red					1.60	.25															.43				.09	.15			.16	.77		2.18
Malvern	Ouachita	.95	.20			.45	.32	T.	.40	T.						.95							.10										4.35
Mammoth Spring	White				.44			.18			.18		.19	.53									T.				.85	T.					2.90
Marianna	Mississippi					.15		.04	.44				.25	.28								.40		.03		T.					.40		3.57
Marked Tree	St. Francis						.07	.46	.16			.47		.54	.42							.45				T.	.21				.33		2.23
Marshall	White	T.				.35		.03	.05		.64		.32							T.			.29			.16	.09	.27		.04	.42		2.28
Mena	Ouachita	.37	.08			.07	.14	.01	.05										T.			.55				T.	T.						2.93
Morrilton	Arkansas	.18			.73				.48														.11				1.64	.22		.52			2.46
Mountain Home	White				.30																	.42				.17	.10				.56		3.25
Mt. Ida	Ouachita								.30		.30	3.60										.68		T.		.09					.30		2.38
Murfreesboro	do																						09			.65				T.	.15		4.43
Nail	White	.29			.75			.11	.42	.03	T.		.03														2.48						1.04
Newport	do	.20						.52		.06		.07		1.56	.19							.40				.10				.25			2.48
Ozan	Arkansas	.6			.65			.02	1				.10										.56				.20			.04	.22		2.38
Osceola	Mississippi	1.25				T.		.28	.05	T.		.05	T.	T.	T.				.11			1.30					.15						3.62
Ozark	do	.14			.57		T.		.10	.07													.25				T.			1.10			3.59
Patterson	White	1.05				.60																.70				.17	.20				T.		1.88
Pine Bluff	Arkansas	.40				.14	.11		.04	.60					.15								.20					.90	1.12				3.07
Pocahontas	White	.20					.55	.35			.05			1.30			.15					.40	.15				1.07	.03			1.22			3.13
Portland	do						.21	.31														.09				.05				.25			3.91
Prescott	do	T.				.61	1.09	.20	.78	.35																3.05	.29				.91		3.28
Princeton	Ouachita	.50				.87	.25	.2	.20																	.98	T.				1.95		4.89
Rison	do																										1.50	.37			.50		6.05
Rogers	Arkansas				.92			.12							.53												.89			.41	.41		4.39
Searcy	White	.09			.03		.01		.32				.20	.12								.77				.27				.62			2.24
Springbank	Red						.68	.48	.28					.14								.52	T.			.15	.45			.08	.22		2.82
Stuttgart	Arkansas	.52				1.71		.02	.19	.03			T.													3.00							2.21
Subiaco	do	.21			2.28	.02	.61		.66				T.									.86											4.44
Texarkana	Red				.25	T.	.05	.33	T.						T.		.03					1.88				.21				.13	.38		3.84
Timpers	Arkansas																					T.								.14			5.44
Vaulton	do	3.31			T.			T.	.51				1.20	.10								1.70			3 43	.79	.10			.10			4.16
Warren	Ouachita				.22	T.	T.	.73	.24	.04	.02	.01	.64	T.				T.				.74				.39					.94		5.34
Whitecliffs	Red	.10																				T				.33	2.57			.33			5.72
Wynne	St. Francis	.60				.10	1.30	.45	.55	T.		.10	.20	.30		.15										2.40				T.	.30		4.15
							.10	.10	.20													.45					.50	.35			1.10		5.90
																															.10		2 95

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. ⁶ Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for September, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.1	5.0	5.0	4.9	4.9	4.8	4.5	4.3	4.3	4.3	4.2	4.5	4.7	4.8	4.9	5.8	5.2	8.5	7.6	6.3	5.5	6.5	7.4	6.7	6.4	6.1	5.5	5.0	4.7	4.9	
Gardanelle	do	20	3.0	3.0	2.9	2.7	2.5	3.1	3.0	3.0	2.5	2.5	2.4	2.4	2.3	2.5	2.7	2.7	3.0	3.5	3.9	5.8	5.4	4.3	4.1	4.6	4.5	5.0	4.2	3.8	3.4	2.9	
Little Rock	do	23	2.0	1.8	1.8	1.7	1.6	1.5	1.7	1.8	1.8	1.7	1.4	1.4	1.3	1.0	0.9	1.1	1.4	1.5	1.8	2.1	2.8	4.5	3.6	3.0	3.0	3.9	3.9	3.0	2.9	2.5	
Pine Bluff	do	25	6.8	6.6	6.4	6.2	6.0	6.0	5.9	5.8	5.9	6.0	5.6	5.6	5.5	5.2	5.0	4.9	4.7	5.1	5.8	5.9	6.0	7.7	8.2	7.6	7.1	7.0	7.6	7.6	7.2	6.8	
Rock Rock	Black	14	2.6	2.6	2.6	2.5	2.4	2.3	2.3	2.4	2.6	2.4	2.4	2.4	2.3	2.3	4.5	4.0	3.8	4.6	4.4	3.6	3.3	3.3	3.3	3.3	3.4	3.8	4.8	4.7	4.4	4.0	
Batesville	do	23	6.3	6.1	6.0	5.9	5.6	5.7	5.8	5.7	5.7	6.1	5.8	5.6	5.7	6.1	7.8	7.7	7.6	6.3	6.6	6.1	5.8	5.8	5.8	6.2	6.0	5.5	5.3	5.3	5.6	5.6	
Georgetown	do	22	2.0	2.0	1.9	1.5	1.0	0.6	0.1	-0.1	-0.1	-0.1	0.2	-0.3	-0.5	-0.4	0.4	0.1	3.0	3.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0	2.0	2.5	2.5	2.5	2.5	
Jarendon	do	30	10.5	10.2	10.0	9.8	9.6	9.5	9.3	9.0	8.9	8.8	8.7	8.6	8.5	8.5	8.5	8.4	8.5	9.1	9.9	10.3	10.4	10.3	10.1	9.8	9.5	9.3	9.2	9.2	9.2	9.1	
Helena	Mississippi	42	14.4	13.4	12.4	11.3	10.2	9.2	8.5	8.0	7.6	7.7	9.0	10.9	12.2	12.7	12.7	12.2	11.8	11.2	11.0	11.4	12.8	14.5	15.4	15.5	15.3	15.4	16.0	17.0	18.0	19.0	
Arkansas City	do	42	18.9	18.2	17.4	16.2	14.8	13.4	12.2	11.0	10.3	9.6	9.4	9.8	12.1	13.6	14.6	14.9	14.8	14.;	13.9	13.5	13.5	14.6	16.2	17.5	18.2	18.6	18.6	18.8	19.6	20.8	
Camden	Ouachita	49	5.8	6.0	5.9	5.5	5.6	5.5	5.4	5.4	5.6	5.9	6.1	6.1	5.6	5.4	5.0	4.9	4 7	4.6	4.5	4.4	4.4	4.3	4.2	4.2	4.1	4.0	4.2	4.5	4.9	5.0	
Danville	Petit Jean	20	3.6	3.2	2.8	2.6	2.3	2.4	2.6	2.5	2.3	4.6	6.7	5.1	4.0	3.7	3.2	2.7	2.1	1.8	1.7	1.7	1.8	5.9	9.1	7.2	5.7	5.4	4.2	3.1	2.7	3.4	
Fulton	Red	28	8.2	8.2	8.2	8.1	8 1	8.2	7.9	7.8	7.7	7.6	7.4	7.3	7.3	7.7	7.8	7.8	7.3	7.1	6.9	6.9	7.1	7.0	7.0	6.9	6.9	7.3	7.4	7.2	7.2	7.3	
Arkadelphia	Ouachita	18	1.4	1.2	1.0	0.8	0.4	0.3	1.0	0.8	0.7	0.9	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	
Patterson	Cache	9	3.4	3.3	3.3	3.5	3.3	3.3	3.5	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	

Daily Temperatures for September, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	91	90	95	92	94	96	91	82	86	93	94	96	97	99	91	94	96	96	93	95	97	97	96	79	80	90	90	88	75	80	....	91.1
	Minimum	71	70	69	67	68	67	70	70	70	71	70	68	71	69	69	69	70	67	63	65	69	69	67	65	66	67	65	65	66	55	....	67.6
Batesville §§	Maximum	87	90	92	94	94	90	85	87	92	90	94	94	96	95	97	95	93	93	95	90	83	95	93	93	80	82	85	89	89	78	....	90.3
	Minimum	70	72	71	69	68	69	68	69	70	71	71	67	68	70	69	70	71	69	67	58	71	61	71	66	64	63	63	65	67	47	....	67.2
Bee Branch	Maximum	90	94	95	97	100	90	94	88	91	85	97	98	95	95	98	98	97	99	98	94	90	96	97	95	87	80	86	94	91	80	....	93.0
	Minimum	68	67	68	69	66	60	69	68	69	68	68	68	67	78	68	70	71	66	67	67	60	67	72	68	68	60	59	63	63	47	...	66.3
Bentonville	Maximum	80	87	90	92	83	83	86	84	87	83	87	88	89	91	92	91	90	87	90	88	83	93	92	90	73	80	84	91	84	70	....	86.2
	Minimum	68	72	73	72	67	65	60	63	68	68	64	69	71	72	69	71	72	68	68	68	63	63	72	68	64	63	61	70	48	40	....	66.0
Booneville	Maximum	84	90	93	94	92	90	93	90	92	88	95	92	95	96	98	98	96	96	95	92	86	94	94	94	86	80	88	92	87	73	....	91.1
	Minimum	69	75	77	70	70	66	68	71	72	71	73	72	74	76	72	74	76	73	72	76	60	70	76	74	67	66	66	72	71	50	....	70.6
Brinkley	Maximum	91	93	96	97	99	93	93	90	89	90	97	95	96	98	99	98	95	100	97	93	85	97	96	97	85	78	89	93	92	75	....	92.9
	Minimum	70	73	73	71	72	68	73	71	72	74	72	70	75	72	72	72	76	69	69	75	69	75	74	73	73	66	61	67	69	54	....	70.7
Calico Rock §§	Maximum	87	92	95	97	95	89	88	89	94	91	91	96	95	94	98	97	95	94	95	92	85	96	96	95	78	83	89	93	92	75	....	91.5
	Minimum	68	72	71	70	69	68	67	68	67	70	70	69	71	71	69	70	70	69	71	69	66	63	72	68	69	65	60	65	65	48	....	67.7
Camden §§	Maximum	89	94	96	96	95	91	87	84	86	85	94	95	96	96	96	94	93	94	97	94	92	97	97	96	89	84	85	91	88	75	....	91.5
	Minimum	70	71	72	70	70	69	69	70	71	72	69	70	71	69	70	70	71	68	65	66	74	71	68	68	69	67	68	67	67	58	....	69.0
Conway	Maximum	89	92	96	98	93	90	92	88	93	91	96	99	97	99	100	101	100	99	100	97	86	99	101	100	84	82	90	95	93	75	....	93.8
	Minimum	74	72	80	78	72	81	74	72	75	70	70	69	71	70	69	70	71	68	68	69	65	70	71	70	69	65	63	67	67	49	....	70.0
Corning	Maximum	83	85	93	94	94	91	81	84	90	85	84	87	86	82	85	88	84	81	88	87	84	93	86	86	85	71	78	83	83	82	....	85.4
	Minimum	69	71	72	72	69	68	65	65	69	71	71	65	73	70	70	69	73	70	65	72	63	59	69	65	67	60	59	64	70	47	....	67.1
Dardanelle	Maximum	90	87	85	97	98	90	90	90	89	90	93	91	94	98	96	98	96	94	97	94	90	97	98	85	91	81	88	94	92	92	....	92.2
	Minimum	72	71	74	73	69	67	70	71	71	72	70	70	72	70	70	71	73	67	68	65	70	70	70	68	71	63	63	70	48	48	....	68.2
Dodd City	Maximum	83	87	90	93	87	83	86	85	91	90	89	92	87	92	93	94	91	83	91	90	88	93	93	92	87	75	86	92	88	73	....	88.1
	Minimum	65	70	69	66	64	62	62	66	65	66	65	65	69	67	66	67	67	64	66	65	59	59	69	67	63	57	58	64	64	39	....	63.8
Dumas	Maximum	88	88	85	87	93	94	88	85	88	89	96	95	100	99	98	100	97	97	95	93	88	86	95	94	93	88	89	93	93	72	....	91.3
	Minimum	69	72	72	69	70	69	71	71	73	74	72	73	72	72	72	71	74	67	69	73	72	71	72	72	70	68	66	68	69	57	....	70.3
Dutton	Maximum	....	....	...	....	....	....	....	80	85	82	88	88	89	90	91	90	89	87	88	85	83	90	90	88	72	77	80	87	85	71	....	85.0
	Minimum	....	....	....	....	....	....	....	66	67	67	68	64	70	66	63	65	65	60	63	64	59	60	67	62	63	60	56	63	63	40	....	62.0
El Dorado	Maximum	93	98	98	99	98	95	90	88	87	94	96	99	99	100	99	97	97	98	99	95	96	99	99	98	95	85	88	94	90	80	....	94.6
	Minimum	71	71	71	70	73	69	73	70	70	73	72	71	72	73	71	72	73	71	68	73	73	74	72	71	71	68	69	69	69	57	....	70.0
England	Maximum	89	95	96	97	97	93	93	86	88	89	100	97	99	99	100	100	96	98	98	95	89	95	97	96	92	78	88	93	92	77	....	93.1
	Minimum	69	70	76	70	70	68	71	71	70	74	71	70	74	72	70	71	73	71	75	67	67	72	71	71	73	70	67	64	67	63	56	....	69.0
Eureka Springs	Maximum	81	85	91	92	89	86	88	84	87	84	91	89	89	91	93	90	89	88	89	87	85	93	92	89	79	83	84	90	86	75	....	87.1
	Minimum	66	72	72	73	66	63	60	64	68	68	69	67	69	70	69	71	72	66	68	70	60	63	64	68	63	61	62	69	54	42	....	65.0
Fayetteville	Maximum	84	84	88	91	91	84	87	84	87	82	91	89	89	90	91	91	90	87	90	87	85	92	92	88	83	78	83	89	84	70	....	86.8
	Minimum	71	72	72	73	67	62	60	64	67	69	69	79	81	73	67	71	71	68	66	71	59	64	75	71	64	63	63	69	59	42	....	67.4
Fort Smith	Maximum	84	90	92	96	92	89	90	89	89	87	92	94	93	95	95	94	94	93	94	91	82	95	94	93	78	83	88	92	87	74	....	90.0
	Minimum	71	73	74	73	69	67	69	73	71	71	73	74	75	74	73	74	75	73	71	71	65	70	75	72	68	67	65	71	61	49	....	70.2
Grannis	Maximum	85	87	89	90	90	90	86	86	82	82	85	89	92	92	91	94	91	90	91	90	91	94	93	93	82	82	85	86	85	73	....	88.0
	Minimum	65	71	70	67	67	67	65	69	70	70	71	69	70	70	68	70	68	68	65	68	69	68	68	64	66	64	65	65	63	48	....	66.9
Gravette	Maximum	81	87	89	91	83	84	87	84	82	86	87	89	90	91	90	90	91	90	90	88	85	92	94	89	83	82	85	90	88	73	....	87.6
	Minimum	68	71	73	72	65	61	60	67	67	67	68	71	71	67	70	71	70	69	68	66	63	58	71	65	64	63	60	64	64	35	....	65.6
Hardy	Maximum	93	....	99	....	95	91	94	91	94	94	92	94	89	92	96	99	94	95	95	91	85	....	86	88	88	83	....	61	62	66	46	....	91.0
	Minimum	70	....	68	....	68	68	66	65	66	66	70	66	71	68	66	68	71	67	67	70	62	61	70	64	66	....	....	61	62	66	46	....	65.9
Hope	Maximum	96	99	100	101	102	94	94	87	84	86	97	100	101	100	99	100	95	99	100	94	98	98	98	99	90	84	89	93	91	75	....	94.1
	Minimum	68	70	71	71	70	68	70	70	70	72	68	71	70	70	71	72	73	72	71	73	75	70	69	69	70	66	64	67	67	56	....	69.2
Hot Springs	Maximum	79	85	90	89	89	90	89	97	94	97	94	98	95	95	94	96	97	90	92	93	95	94	95	93	95	85	75	85	90	87	....	91.1
	Minimum	56	64	65	64	68	71	70	67	71	70	69	67	72	71	71	72	72	70	68	70	69	68	70	69	78	66	66	70	69	54	....	68.5
Huttig	Maximum	103	104	104	102	103	96	93	91	91	92	98	99	100	103	101	103	101	100	98	99	96	100	101	102	99	96	89	97	95	84	....	98.3
	Minimum	69	70	71	69	69	70	71	71	71	72	72	72	68	72	77	72	72	67	67	71	73	71	70	70	68	67	67	66	67	60	....	69.1
Jonesboro	Maximum	90	98	101	102	104	98	92	95	100	96	100	94	95	98	99	100	99	93	101	96	86	99	93	100	87	72	87	94	92	82	....	94.1
	Minimum	69	70	73	74	73	69	71	68	71	72	71	68	72	70	71	71	75	71	68	73	66	65	72	66	71	61	60	67	69	50	....	68.2
Junction	Maximum	99	98	100	100	98	92	88	87	92	93	100	99	100	100	101	96	98	97	97	98	100	100	101	100	96	87	90	94	90	76	....	95.6
	Minimum	68	71	70	68	70	69	67	68	70	67	71	71	70	69	67	68	71	70	66	70	69	67	68	69	70	67	68	67	68	59	....	68.8
Little Rock	Maximum	86	90	91	92	93	89	88	81	85	86	93	93	93	95	94	94	92	92	93	90	86	93	94	92	80	76	83	88	86	72	....	88.3
	Minimum	70	72	73	71	68	68	71	71	71	74	73	72	76	73	75	75	75	72	74	72	69	73	75	72	70	63	65	69	60	55	....	70.9
Lutherville	Maximum	83	92	93	97	91	89	89	89	86	85	89	91	92	93	95	94	93	94	94	91	87	95	94	94	87	82	85	93	89	80	....	90.1
	Minimum	70	72	72	73	67	64	71	70	70	69	73	70	70	70	71	73	73	70	70	71	60	69	74	70	67	65	62	78	69	47	....	69.4
Malvern	Maximum	81	88	90	92	88	91	84	88	81	94	96	90	93	94	95	93	92	94	95	90	89	90	93	93	89	76	79	85	80	78	....	88.8
	Minimum	70	72	70	69	70	67	70	72	71	72	70	71	72	71	72	73	74	69	68	71	75	70	71	68	70	68	67	68	66	57	....	69.3
Mammoth Spring	Maximum	85	89	91	94	93	86	86	84	89	....	90	91	86	88	92	95	90	91	88	85	92	88	91	84	78	84	88	88	83	....	....	88.4
	Minimum	71	71	71	70	67	68	65	66	65	....	68	67	67	69	67	67	70	70	67	67	62	60	69	67	67	62	60	62	66	46	....	66.4
Marianna §§	Maximum	87	90	92	92	92	89	88	87	86	89	93	92	95	90	94	93	92	92	93	90	81	93	92	93	87	77	85	90	87	70	....	89.0
	Minimum	69	72	72	71	71	69	71	71	74	73	72	70	72	72	72	71	76	70	70	73	76	69	72	72	72	68	64	64	64	56	....	70.2
Marked Tree §§	Maximum	92	93	95	97	91	85	89	91	90	94	95	97	93	92	97	97	96	95	98	82	99	95	98	85	74	85	97	92	74	74	....	91.1
	Minimum	71	71	70	71	69	70	69	70	72	73	69	69	70	71	72	71	70	70	70	71	66	73	60	65	65	65	65	68	54	45	....	67.4
Marshall	Maximum	86	90	93	95	86	85	86	85	87	87	86	92	92	91	93	92	91	91	92	93	83	92	92	91	85	77	84	90	80	75	....	88.0
	Minimum	70	74	74	76	71	64	68	71	71	71	72	68	71	70	71	72	76	70	71	70	63	69	76	74	68	61	63	70	71	47	....	69.1
Mena	Maximum	86	89	92	93	91	88	89	87	80	84	90	92	95	92	94	93	92	93	93	91	87	94	95	94	83	77	85	89	85	74	....	88.4
	Minimum	66	73	73	70	70	65	67	70	70	70	73	68	72	71	67	69	71	68	66	70	69	70	70	69	65	66	66	68	66	52	....	68.2
Mountain Home	Maximum	88	93	96	99	90	90	93	94	95	95	94	92	88	93	96	96	92	83	94	90	86	97	96	94	75	79	88	95	91	75	....	90.6
	Minimum	69	71	72	68	66	62	66	63	65	67	68	65	67	68	66	68	68	67	68	66	61	61	70	68	64	61	57	64	64	43	....	65.4
Mount Ida	Maximum	88	92	94	94	94	95	89	88	86	88	92	93	95	96	98	96	93	95	94	95	92	94	96	95	79	80	88	92	88	75	....	91.1
	Minimum	68	77	70	74	68	66	69	71	70	69	71	67	70	68	67	68	68	65	68	69	69	67	67	64	69	66	65	64	68	48	....	67.4
Nail	Maximum	79	81	84	89	86	88	82	79	81	80	81	80	82	86	89	88	....	88	87	86	84	87	88	86	75	73	80	85	82	69	....	82.6
	Minimum	67	66	66	68	66	65	65	62	62	66	66	66	67	67	70	70	....	69	67	66	55	65	71	70	62	65	60	65	64	42	....	64.4
Newport	Maximum	87	91	94	94	95	93	85	88	91	86	94	94	93	92	95	95	92	93	95	92	86	94	92	92	88	78	82	88	89	82	....	90.0
	Minimum	69	72	74	72	72	70	71	70	71	74	72	70	75	71	71	73	75	71	71	74	64	68	74	68	72	62	63	67	69	52	....	69.4
Osceola	Maximum	87	90	91	93	93	91	90	91	89	89	93	93	95	94	95	95	95	94	94	92	89	93	91	95	92	90	89	89	89	75	....	91.1
	Minimum	70	72	72	72	71	70	72	70	71	73	75	69	75	72	74	71	75	73	72	74	76	65	74	69	73	66	66	66	70	54	....	70.4
Ozark	Maximum	84	91	95	96	97	92	89	89	97	85	93	94	95	96	98	99	96	95	96	96	96	95	95	94	83	84	86	93	76	76	....	91.1
	Minimum	71	74	85	80	70	66	70	71	71	72	71	73	72	72	70	72	72	74	78	79	63	64	73	69	69	68	64	67	47	46	....	69.4
Pine Bluff	Maximum	92	97	99	99	101	95	93	92	89	89	100	97	99	99	101	100	98	100	100	98	89	98	99	99	83	84	90	95	93	73	....	94.4
	Minimum	70	71	71	72	72	70	70	70	71	75	71	72	75	74	74	73	73	69	69	73	73	72	71	71	70	69	67	69	68	59	....	70.4
Pocahontas	Maximum	91	91	94	96	97	93	86	86	93	91	91	95	89	94	95	98	94	93	96	93	88	96	90	94	91	77	86	92	91	85	....	91.1
	Minimum	68	70	72	71	69	69	68	66	68	72	71	68	73	67	69	70	73	70	66	70	62	60	72	64	70	60	59	63	68	49	....	67.1
Portland	Maximum	91	95	98	97	98	94	91	87	90	94	98	99	101	99	101	101	99	98	99	97	93	97	100	101	97	89	85	93	93	72	....	94.4
	Minimum	70	72	71	69	71	70	73	71	72	72	73	73	73	72	72	73	72	68	67	73	73	70	72	70	68	68	68	68	69	59	....	70.0
Prescott	Maximum	96	95	94	96	99	94	94	95	95	97	95	95	97	98	98	97	....	97	94	95	96	96	97	94	95	94	....	95	90	90	....	95.0
	Minimum	69	68	72	70	71	69	69	69	69	....	70	69	72	72	72	72	71	....	71	71	72	71	70	69	65	67	67	70	74	60	..	69.2
Rison	Maximum	89	97	100	100	101	97	93	86	90	89	100	100	100	101	101	100	98	97	99	96	93	98	100	100	92	80	86	93	93	75	....	94.2
	Minimum	68	76	73	72	72	68	70	70	71	74	70	71	72	71	71	74	70	67	67	74	71	71	70	70	72	67	68	68	57	....	70.2
Rogers	Maximum	81	86	90	92	88	84	88	82	86	84	80	88	89	92	94	91	91	86	91	88	85	92	93	89	82	78	85	90	85	71	....	86.7
	Minimum	67	68	72	72	62	63	69	65	68	70	68	69	76	70	66	69	69	68	68	68	61	61	72	66	65	62	58	69	58	41	....	66.4
Searcy	Maximum	87	91	93	94	94	92	90	87	91	87	95	94	93	96	97	95	94	94	95	96	87	96	97	94	88	77	84	90	87	75	....	91.1
	Minimum	75	74	75	75	76	74	75	74	74	77	77	75	76	76	77	77	77	76	76	75	72	78	79	76	74	65	67	73	71	58	....	74.1
Subiaco	Maximum	84	93	96	98	95	90	88	90	91	89	93	93	96	97	96	95	95	95	97	93	85	95	96	95	83	84	85	94	91	75	....	91.1
	Minimum	71	75	72	72	69	67	70	72	71	71	74	71	74	71	70	73	74	69	70	71	61	69	74	71	69	66	62	68	71	49	....	69.4
Stuttgart	Maximum	89	94	98	98	97	93	91	87	88	89	92	94	96	97	99	99	97	97	97	94	85	97	98	98	86	76	87	93	90	73	....	92.2
	Minimum	70	71	72	70	70	68	72	70	72	75	74	70	78	72	74	71	74	68	68	73	70	72	78	72	74	69	64	67	67	57	....	70.2
Texarkana	Maximum	92	96	96	96	98	96	93	85	83	86	93	99	96	98	99	96	96	100	96	94	96	98	97	90	85	88	90	92	92	79	....	93.0
	Minimum	70	74	74	73	73	70	71	71	73	75	73	72	72	71	73	72	73	72	68	73	76	74	72	71	71	69	65	70	70	61	....	71.0
Tuphers	Maximum	85	87	90	....	90	....	87	84	83	85	90	86	92	89	90	91	90	91	90	86	83	90	92	90	88	75	82	87	84	77	...	86.3
	Minimum	69	72	74	....	70	....	66	69	70	69	72	70	70	70	70	71	73	69	68	71	62	69	72	70	66	65	62	68	67	49	....	68.0
Warren	Maximum	88	94	94	94	92	91	86	82	85	86	95	96	96	96	95	97	94	97	96	95	89	97	98	99	94	79	84	90	88	73	....	91.1
	Minimum	71	73	75	73	78	70	73	72	73	74	73	73	73	72	74	73	75	71	69	74	76	73	73	73	73	68	69	70	70	58	....	72.2
Wynne	Maximum	89	93	95	96	97	90	92	93	90	91	95	95	98	92	95	98	95	96	99	94	82	96	93	97	87	78	85	93	90	75	....	92.0
	Minimum	69	73	74	73	73	68	72	71	72	73	71	69	74	70	72	71	75	70	69	75	66	69	74	71	71	65	64	68	69	54	....	70.2

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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UNAR

UNIVERSITY OF ILLINOIS
NOV 23 1921

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVI LITTLE ROCK, ARK., OCTOBER, 1921. No.10.

GENERAL SUMMARY.

The weather in Arkansas during the month of October was abnormal in that the rainfall was deficient, the average for the State as a whole being only 24% of the normal. This was not the driest October on record, October 1908 with 0.48 inch having that distinction, October 1891 with 0.65 inch being the second driest, and October 1921 with 0.72 inch the third. The dry weather was favorable for harvesting but it was too dry for fall plowing, but little being done, and the close of the month found little wheat, oats, and cover crops sown. Ranges were dry at the close of the month and the rivers of the State at low stages. The first killing frost of the season occurred at a few stations in the northwestern counties on the 8th, at others on 12th, 13th, and 14th, two stations in the southwestern counties reporting killing on the 13th. There was little damage as practically all vegetation had matured.

During the crop season just closed, April 1st to October 31st, the temperature averaged 1.4° above normal and 1.12 inches more than the normal precipitation occurred. Late frost in the spring cut the peach and apple crops short and cloudy rainy weather during July and August favored boll weevil development; otherwise the year was satisfactory.

W. C. H.

TEMPERATURE.

The mean temperature for the State, as determined from the records of 52 stations, was 61.6° which is 0.7° below the October normal. Positive and negative departures were noted in all sections, but generally the river valleys showed somewhat higher temperatures than the uplands. The highest monthly mean was 66.4° recorded at Texarkana: the lowest, 55.7°, at Corning. The highest temperature recorded during the month was 96° at Huttig and Texarkana on the 19th; the lowest. 27°, at Dutton on the 8th and 12th and at Gravette an the 12th. In most sections the lowest occurred from the 8th to the 14th, the highest on different dates.

PRECIPITATION.

The average precipitation, as shown by the records of 68 stations, was 0.72 inch, which is 2.28 inches below the October normal. The totals varied from a "Trace" at Patterson and Portland to 1.47 inches at Springbank, all sections of the State reporting less than the normal rainfall. The greatest amount measured in 24 consecutive hours was 1.25 inches at Arkadelphia on the 3d. The average number of rainy days was 3.

Correction: Bentonville, September.
Minimum temperature September 6th should be 63.
Mean minimum should be 65.9.
Monthly mean should be 76.1.
Eureka Springs: Days with 0.01 or more precipitation should be 7.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	30.00	30.40	13	29.54	25	2,999	14	s.	25	.....	.....	81
Fort Smith...	29.99	30.40	13	29.56	25	6,159	42	sw.	29	76	47	83
Little Rock..	30.01	30.45	13	29.66	25	5,708	42	nw.	2	77	50	82
Memphis....	30.06	30.50	13	29.76	25	5,685	33	sw.	29	71	61	86

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 2d, 8; 5th, 1; 7th, 1; 11th, 2; 12th, 1; 14th, 1; 18th, 1; 23d, 1; 25th, 2; 26th, 2; 28th, 6; 29th, 2.

Lunar Holos:– 15th, 1.

Dense Fog:– 28th, 1.

Moderate Hail:– Batesville, Ozark, 2d.

Light Hail:– Booneville, 26th.

Killing Frost:– Dutton, Gravette, 8th; Bentonville, Clinton, Rogers, 12th; Fulton, Hardy, Mount Ida, 13th; Batesville, Bee Branch, Corning, Mammoth Spring, Mountain Home, 14th.

COMPARATIVE DATA FOR ARKANSAS---- OCTOBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
Normal*	**62.3**		**96**	**24**	**3.00**		**18**	**6**	**7**	**5**
1891.....	60.4	−1.9	92	27	0.65	−2.35	25	4	2	2
1892.....	63.8	+1.5	92	27	3.26	+0.26	16	7	8	6
1893.....	60.5	−1.8	99	23	1.30	−1.70	24	4	3	3
1894.....	63.0	+0.7	96	24	1.52	−1.48	22	5	4	3
1895.....	57.1	−5.2	95	21	1.44	−1.56	19	6	6	4
1896.....	60.8	−1.5	98	25	3.59	+0.59	18	5	8	6
1897.....	67.6	+5.3	99	28	2.01	−0.99	21	6	4	3
1898.....	60.0	−2.3	100	23	5.44	+2.44	16	7	8	8
1899.....	65.6	+3.3	101	28	2.88	−0.12	19	7	5	5
1900.....	66.0	+3.7	97	32	4.31	−1.31	14	10	7	6
1901.....	63.7	+1.4	95	27	2.07	−0.93	18	9	4	4
1902.....	62.5	+0.2	90	27	2.68	−0.32	18	9	4	4
1903.....	60.9	−1.4	97	26	2.22	−0.78	17	8	6	4
1904.....	62.5	+0.2	100	20	0.94	-2.06	23	5	3	2
1905.....	61.1	−1.2	92	23	4.49	+1.49	15	11	5	7
1906.....	58.2	−4.1	94	25	2.38	−0.62	18	5	8	6
1907.....	61.9	−0.4	96	23	3.03	+0.03	16	7	8	6
1908.....	59.2	−3.1	93	24	0.48	−2.52	21	6	4	2
1909.....	63.0	+0.7	98	24	2.15	−0.85	21	6	4	3
1910.....	62.9	+0.6	96	16	5.19	+2.19	21	5	5	6
1911.....	62.7	+0.4	101	25	1.67	−1.33	14	9	8	5
1912.....	63.8	+1.5	96	22	2.97	−0.03	18	8	5	4
1913.....	60.1	−2.2	95	18	5.41	+2.41	13	9	9	9
1914.....	63.0	+0.7	93	21	1.74	−1.26	18	8	10	5
1915.....	63.4	+1.1	94	26	2.83	−0.17	22	4	5	4
1916.....	62.8	+0.5	96	21	2.30	−0.70	21	4	6	4
1917.....	56.6	−5.7	99	12	1.89	−1.11	21	5	5	5
1918.....	65.6	+3.3	100	30	3.99	+0.99	13	5	13	8
1919.....	66.6	+4.3	98	33	10.90	+7.90	6	5	20	14
1920.....	64.2	+1.9	93	25	4.39	+1.39	16	6	9	7
1921.....	61.6	−0.7	96	27	0.72	−2.28	23	4	4	3

* Based on 30 years record.

Climatological Data for October, 1921.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	28	59.4	- 3.3	92	18	31	14	51	0.83	-1.83	0.67	0	2	26	0	5	w.	Albert Dillard.
Arkadelphia	Clark	169	25								1.35	-1.02	1.25	0					ne.	F. J. Carpenter.
Arkansas City	Desha	145	37								0.41	-1.51	0.36	0	2	20	4	7	e.	Geo. E. Payne.
Batesville	Independence	277	22	58.9	- 2.6	86	24†	29†	14	48†	0.77	-1.90	0.58	0	4	16	6	9	nw.	Mrs. Lela I. Teter.
Bee Branch	Van Buren		20	61.0	- 1.2	87	10	30	8	45	0.20	-2.36	0.10	0	2	22	3	6	sw.	J. E. Scanlan.
Bentonville	Benton	1393	15	59.2	+ 1.2	85	9	30	12	36	0.60	-2.12	0.34	0	4	24	3	4	s.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	19								0.49	-1.93	0.27	0	4	25	3	3	s.	Vernon C. Howe.
Booneville	Logan	925	7	61.6		91	2	39	8†	35	1.44		0.65	0	5	26	3	3	s.	Supt. Tuberculosis Sa
Brinkley	Monroe	226	39	63.0	+ 1.0	90	2	34	8	37	0.87	-1.50	0.82	0	2	25	2	4	s.	H. L. D. Whitson.
Calico Rock	Izard	561	17	59.6		88	24	32	12†	49	0.55	-1.88	0.11	0	5	25	0	6	nw.	J. M. Richardson.
Camden	Ouachita	158	35	61.2	- 2.4	92	20	34	14	41	0.86	1.51	0.67	0	3	21	4	6	sw.	A. B. Quarterman.
Centerpoint	Howard	479	24																	C. M. Huddleston.
Clarendon	Monroe	171	17								0.35	-2.53	0.25	0	3	20	8	3	e.	J. W. Bishop.
Clinton	Van Buren	550	0								0.55		0.2	0	4	22	3	6	w	Dr. R. M. Hunter
Conway	Faulkner	399	37	62.0	+ 0.8	93	2	31	14	48	1.32	-1.18	0.97	0	3	25	6	0	s.	E. E. Cordrey.
Corning	Clay	295	21	55.7	- 3.2	78	26†	28	14	37	0.57	-2.68	0.21	0	4	26	2	3	s.	Rev. N. E. Skinner.
Danville	Yell	357	6								0.27		0.20	0	2	27	0	4	se.	J. R. Avera.
Dardanelle	Yell	350	35								0.58	-2.35	0.38	0	1	23	3	2	w.	J. D. Riley
Dodd City	Marion	1175	39	58.8	- 3.6	95	17	25	12	54	0.41	-2.53	0.18	0	4	23	6	2	s.	Neal Dodd.
Dumas	Desha	162	14	60.4	- 1.8	89	21	35	13	45	0.88	1.85	0.65	0	5	14	16	1		Ben. Johnson.
Dutton	Madison	1590	19	56.2	- 2.6	83	19	27	8†	43	1.63	-2.17	0.39	0	6	24	4	3	n.	J. M. Ricketts
El Dorado	Union	265	17	64.6	0.0	91	19	35	13	35	1.20	-0.99	1.58	0	6	19	6	6	w.	Mrs. Virgil N. Walls
England	Lonoke	229	14	63.6	+ 0.7	91	19	33†	14	48†	0.62	-1.83	0.50	0	3	23	4	0	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	61.8	- 1.8	87	10	31	12	38	1.27	-1.50	0.40	0	5	24	5	2	sw.	George W. Nicholds
Fayetteville	Washington	1451	35	61.3	- 0.8	84	9†	32	8†	36	0.85	-2.29	0.60	0	4	26	1	4	ne.	University of Arkans
Fort Smith	Sebastian	481	39	63.2	1.5	86	2	37	8	39	0.13	-2.79	0.05	0	3	21	7	3	e.	U. S. Weather Bure
Fulton	Hempstead	264	35								0.75	-1.17	0.65	0	2	26	2	3	e.	T. J. Logan.
Georgetown	White	200	8								1.21		1.1	0	2	27	4	0	sw.	Cleve Bell.
Gillett	Arkansas		3																	H. E. F. Beverburg.
Grannis	Polk	921	3	61.3		91	19	34	12	40	1.01		0.71	0	2	26	4	1	s.	W. E. Mc Vay.
Gravette	Benton	1250	23	58.2	- 1.2	83	9†	27	12	48	0.91	-2.09	0.49	0	4	22	3	6	sw.	A. F. Stevens.
Hardy	Sharp	682	24								0.95	-1.68	0.66	0	2	16	6	5	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	54								1.16	-1.23	0.81	0	3	23	2	6	s.	James A. Burnett.
Higden	Cleburne	445	3								0.22		0.22	0	1	25	5	1	sw.	Arthur Cross.
Hope	Hempstead	357	49	64.0	- 1.1	92	19	38	8	44	0.50	-2.07	0.42	0	3	25	3	3	sw.	N. P. O' Neal.
Hot Springs	Garland	600	28	64.4	+ 0.7	86	7	40	8	42	0.49	-2.23	0.24	0	3	28	1	2	n.	A. & N. Gen. Hospi
Humphrey	Union		14	65.2	+ 0.6	96	19	37	13†	46	0.29	-1.81	0.22	0	1	21	8	2	sw.	L. L. Collett.
Huttig	Craighead	345	26	61.6	- 1.0	89	24†	35	8†	44	0.33	-2.77	0.15	0	2	26	1	4	s.	Benedictine Sisters.
Jonesboro	Union	182	28	65.6	+ 1.7	95	19	35	8†	41	0.51	-2.47	0.28	0	2	24	2	5	n.	J. A. Lowderback.
Junction‡‡	Pulaski	286	42	62.9	0.0	85	19	41	8	51	0.11	-2.41	0.05	0	3	23	4	1	s.	U. S. Weather Bure
Little Rock																				
Latherville ‡‡	Johnson	775	24	63.0	+ 1.8	85	10†	36	8	39	0.48	-3.08	0.30	0	4	24	4	3	e.	H. Kauffeld.
Magnolia	Columbia	315	3	65.0[a]		92[a]	19	36†	8	45†				0		12[a]	10[a]	8[a]	s.	State Agriculture Sch
Malvern	Hot Springs	277	38	60.8	- 1.9	89	19	33	8	42	0.50	1.61	0.50	0	1	19	3	9	sw.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	16	57.2	- 0.9	83	25	28	14	46	0.51	-2.18	0.18	0	1	24	5	2	s.	W. S. Vincent.
Marianna	Lee	235	12			85[b]	19				1.00		0.76	0	2	23[a]	3[a]	4[a]	e.	S. C. Helm.
Marked Tree	Poinsett	229	16	59.0		89	1	32	11†	46	0.87	-3.62	0.43	0	3	26	3	2	s.	Charles Walton.
Marshall	Searcy	1083	6	62.9		83	2	35	12	40	0.55		0.30	0	4	24	3	4	s.	W. F. Reeves.
Mena	Polk	1208	33	61.2	- 1.2	89	19	35	8	41	0.95	-2.32	0.45	0	5	22	6	3	n.	E. W. St. John.
Morrillton	Conway	347	1	62.0[b]		88[b]	22	31[a]	14	46†	0.44		0.22	0	2	13[a]	12[a]	5[a]	s.	J. W. Jackson.
Mountain Home	Baxter	800	7	59.2		88	6†	30	8†	38	1.03		0.27	0	5	25	1	5	n.	B. S. Halbert.
Mount Ida	Montgomery	730	23	59.3		93	19	29	13†	50	0.27	-2.95	0.22	0	1	26	5	0	sw.	G. A. Whittington.
Murfreesboro	Pike	367	5								0.48		0.38	0	1	27	0	4	e.	Henry A. Davis.
Nail	Newton	2233	28	59.8[a]	+ 0.8	81[a]	10	34[a]	12	37[a]	0.37	3.31	0.17	0	4	23[a]	6[a]	7[a]	s.	Charles Paxton.
Newport	Jackson	231	37	61.0	+ 0.1	85	25†	35	8†	41	1.21	-1.19	0.59	0	4	25	3	3	nw.	George L. Robinson
Okay	Pope	1700	6																	U. S. Forest Service
Osceola	Mississippi	240	21	60.0	- 0.5	85	14	35	13	43	0.55	1.65	0.30	0	2	20	1	10	n.	Atwood P. Smith.
Ozark	Franklin	377	25	62.6	- 0.9	87	8	34	7	46	0.91	2.07	0.30	0	3	15	8	8	nw.	Isham Burrow.
Patterson	Woodruff	196	5								T	T	T	0	0	25	1	5	sw.	W. E. Baker.
Pine Bluff	Jefferson	215	37	63.7	+ 0.5	91	2	38	13	40	0.88	1.47	0.63	0	4	25	3	3	s.	Roy F. Hammond.
Pocahontas	Randolph	390	29	61.0	+ 0.2	90	24	32	14	50	0.80	-1.85	0.45	0	4	24	4	3	s.	Benedictine Sisters.
Portland	Ashley	122	15	63.8	+ 0.1	91	19	39	8†	43	T.	2.15	T	0	0	22	9	0	nw.	W. E. Edmiston.
Prescott	Nevada	327	39											0		21	4	6	n.	F. J. Johnson.
Princeton	Dallas	287	14								4.52	-1.88	0.82	0	1	24	0	7	nw.	Coote Coleman.
Rison	Cleveland	243	17	64.0	+ 1.2	91	19	36	8†	44	0.56	1.99	0.33	0	2	19	9	3	sw.	Geo. H. Tiscale.
Rogers	Benton	1385	30	58.4	- 1.0	84	17	29	12†	44	1.27	-1.45	0.65	0	5	24	1	6	n.	Carl A. Starck.
Searcy	White	236	8	61.0[1]		90	19	33[1]	14	45[1]	0.23		0.1	0	2	24	2	5	sw.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9								1.17	0.30	0.98	0	2	26	3	2		Miss Grace Field.
Stuttgart	Arkansas	228	33	62.8	+ 0.7	90	19	34	8†	44	0.22	-2.54	0.19	0	2	24	4	3	ne.	H. A. Buerkle.
Subiaco	Logan	1050	24	63.5	- 0.1	88	2†	37	12	42	0.37	-2.72	0.16	0	4	19	6	6	se.	New Subiaco Abbey
Texarkana	Miller	332	39	66.4	+ 0.9	96	19	39	8	41	0.94	-1.26	0.75	0	3	27	2	2	n.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	62.4		86[a]	2	39[a]	12	31[a]	0.82		0.37	0	6	26[a]	4[a]	0[a]	s.	U. S. Forest Service
Waldron	Scott	675	2								1.12		0.75	0	4	22	4	5	s.	Dr. Cheves. Bevil.
Warren	Bradley	266	2	63.6	- 0.2	92	19	37	8	39	0.55	-2.80	0.35	0	1	21	8	2	se.	Mrs. J. L. Clegg.
Whitecliffs	Little River		16								0.40	-1.88	0.40	0	1	25	1	5	sw.	Miss Eubia M. Sch
Wynne	Cross	250	13	62.6	- 1.2	90	22	32	12	53	1.32	-1.99	1.20	0	2	28	0	3	n.	J. M. Larkan.
State Means and Extremes				61.6	- 0.7	96	19	27	8†	51	0.72	-2.28	1.25	0	0	23	4	4	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete
ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appe
in the table indicate number of days missing; for example, [a] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Jun
Randolph, La.; Latherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for October, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity ‖	Ouachita		.63																								.20						0.83
Arkadelphia ‖	do		1.25																														1.35
Arkansas City ‖	Mississippi		.30																								T.	.11				.10	0.41
Batesville ‖	White		.58					.11																									0.77
Bee Branch	Arkansas		T.				.10																						.02		.06		0.20
Bentonville ***	do	T.					.16																			T.			.31	.18		.04	0.69
Black Rock ‖	White			.27				.12																			.06		.04				0.49
Boonville	Arkansas	.65					.02																				.23			.19	.35		1.44
Brinkley ‖	White		.82					.05																									0.87
Calico Rock ‖	do		.19					.10																			.07		.12		.07		0.55
Camden	Ouachita		.67																								.17				.02		0.86
Centerpoint	LittleRiver																																
Clarendon ‖	White		.25																								.06						0.35
Clinton	do						.10																				.20		.20		.05		0.55
Conway	Arkansas		.97																										.21			.19	1.37
Corning	White		.68				.20																				.08						0.57
Danville ‖	Arkansas		.07																								T.		.20	T.	T.		0.27
Dardanelle	do																												.38				0.38
Dodd City	White	.06					.18																						.05		.12		0.41
Dumas	Arkansas	.02	.65				T.																				.08	.05			.08		0.88
Dutton	White	.20					.09																						.39	.01	.32	.02	1.03
El Dorado ‖	Ouachita		.30								T.																.08	.08	.18		.53	.03	1.20
England	Arkansas		.07				T.							.50														*				.05	0.62
Eureka Springs	White						.25																						.40	.25	.12	.25	1.27
Fayetteville	do	T.																											.60	.12	.10	.03	0.85
Fort Smith ***	Arkansas						T.																						.06	.06	.01		0.13
Fulton	Red		.65																								T.		T.	T.		.06	0.73
Georgetown ‖	White		1.10																													.11	1.21
Gillett	Arkansas																																
Grannis	Red	.71					T.																						.30				1.01
Grassette	White						.40																						.12	.10		.28	0.90
Harby	do													.35															.60				0.95
Helena	Mississippi		.80					.06																				.30				T.	1.16
Hogden	White						T.																									.22	0.22
Hope	Red		.42																										.05		.12		0.59
Hot Springs	Ouachita		.29																								.24		.05				0.49
Huttig	do		.39																														0.39
Jonesboro	White	.10	T.				.13																										0.23
Junction	Ouachita	.28																															0.51
Little Rock ***	Arkansas	.05					T.																			T			.23		T.	T.	0.14
Lughrville	do	.11					.02																						.01			.07	0.48
Magnolia	Red																												.30			.05	
Malvern ‖	Ouachita		.70																														0.70
Mammoth Spring	White	.09					.10																							T.			0.51
Marianna	Mississippi	.76																									.14			.18			1.00
Marked Tree ‖	St. Francis		.22					.18																			.24						0.85
Marshall	White	.53					.06																						.15		T.		0.75
Mena	Ouachita		.14																								.12		T.		.04		0.93
Merrillton	Arkansas		.32																								.01		T.	.43	.23	.12	0.44
Mountain Home	White	.26					.15																									.12	1.03
Mount Ida	Ouachita																										.17		.27		.08	.10	0.27
Murfreesboro ‖	do		.48																								.27						0.48
Nail	White	.10					.10																						.12	T.	.05	T.	0.37
Newport	do		.43					.59																						.09	.10		1.21
Okay	Arkansas																																
Osceola	Mississippi		.40					.15																			T.			T.	T.		0.55
Ozark	do	.10																												.33		.18	0.91
Patterson	White																															‡	T
Pine Bluff *	Arkansas		.61																								.13	.11				.03	0.88
Pocahontas	White	.20					.10																				.05			.45			0.80
Portland	Ouachita																														T.		T.
Prescott	do																																
Princeton ‖	Ouachita		.52																														0.52
Rison	do		.31																														0.58
Rogers	Arkansas						.24																					.27					1.25
Searcy	White						.14																				.12		.54	.11		.24	0.23
Springbank ‖	Red		.98																													.09	1.47
Stuttgart	Arkansas		.19																								T.			.49			0.22
Subiaco	do	.08						.01																					T.		T.	.03	0.37
Texarkana ‖	Red		.73																										.16		.12		0.94
Umphers	Arkansas	.37	.03																								.10		.11		T.		0.82
Waldron	do	.73					.02																				.28		.05		.06	.03	1.12
Warren	Ouachita		.35																							T.			.33		.04	T.	0.35
Whitehall	Red		.40																								T.	T.			T.		0.40
Wynne	St. Francis		1.20					.12																								T	1.32

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for October, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.5	5.2	4.9	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.3	3.1	2.9	2.9	2.8	2.8	3.0	2.9	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.3
Dardanelle	do	20	2.7	2.9	3.4	3.4	2.9	2.6	2.3	2.0	1.7	1.6	1.4	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Little Rock	do	23	2.1	1.7	1.6	1.8	2.1	1.9	1.7	1.4	1.1	0.7	0.4	0.1	0.0	*0.1	0.0	*0.1	*0.4	*0.4	*0.6	*0.7	*0.8	*0.9	*0.9	*1.0	*1.1	*1.2	*1.2	*1.2	*1.2	*1.3	*1.3
Pine Bluff	do	25	6.1	6.5	6.3	6.0	6.0	6.2	6.1	6.0	5.8	5.5	5.0	4.9	4.7	4.5	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.6
Black Rock	Black	14	4.0	3.7	3.7	3.7	3.5	3.3	3.7	3.7	3.5	3.5	3.4	3.4	3.2	3.2	3.1	2.9	2.6	2.6	2.6	2.6	2.4	2.4	2.3	2.2	2.0	2.0	1.8	1.8	1.8	1.8	
Calico Rock	White	18	*0.1	*0.1	0.1	*0.1	*0.2	*0.3	*0.3	*0.3	*0.3	0.1	0.0	*0.2	*0.2	*0.2	*0.2	*0.2	*0.2	*0.2	*0.2	*0.3	*0.4	0.8	0.5	0.0	*0.2	*0.3	*0.4	*0.5	*0.1	0.0	*0.2
Batesville	do	23	5.4	5.1	5.4	5.1	5.0	5.0	4.9	4.8	4.8	4.8	5.1	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	5.7	5.7	5.2	5.0	4.8	4.7	4.7	4.8	5.0
Newport	do	26	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.4	2.4	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.3	2.3	2.3	2.2
Georgetown	do	22	2.7	2.7	2.5	2.4	2.4	2.0	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.7	0.7	0.5	0.3	0.1	*0.2	*0.3	*0.3	*0.4	*0.5	*0.6	*0.7	*0.7	*0.7	*0.5	*0.5	*0.4	*0.5
Clarendon	do	30	9.1	9.2	9.3	9.2	9.1	9.0	9.0	8.9	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.4	7.5	7.5	7.4	7.2
Helena	Mississippi	42	19.8	20.3	20.6	20.7	20.5	20.0	19.2	18.1	17.0	15.9	15.0	14.2	13.4	12.6	11.8	11.2	10.7	10.3	9.9	9.4	8.8	8.2	7.7	7.2	6.9	6.5	6.3	6.2	6.0	5.7	5.6
Arkansas City	do	42	21.8	22.7	23.2	23.5	23.7	23.6	23.3	22.6	21.6	20.7	19.6	18.4	17.3	16.4	15.6	14.5	13.9	13.3	12.7	11.4	11.1	10.8	10.3	9.8	9.3	8.8	8.5	8.1	7.7	7.3	7.0
Camden	Ouachita	49	5.0	5.0	5.2	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.6	3.6	3.6
Danville	Petit Jean	20	4.2	3.1	2.7	2.4	2.2	2.0	1.9	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.4	1.4	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.9	0.9	1.0	1.1	1.2	1.2
Fulton	Red	28	7.3	7.2	7.1	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.9	6.5	6.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.1	6.1	6.0	6.0	5.9	5.8
Arkadelphia	Ouachita	18	0.1	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0
Patterson	Cache	9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.8

* Below zero of gauge.

Daily Temperatures for October, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	89	78	81	80	83	75	72	80	85	73	69	70	75	78	84	83	87	92	72	76	79	84	86	83	84	84	77	69	62	63	63	77
	Minimum	44	45	52	44	44	47	47	32	34	45	50	32	32	31	32	40	42	43	47	37	36	36	37	37	38	45	38	42	43	47	45	40
Batesville §§	Maximum	77	86	73	72	75	83	79	70	83	85	63	65	68	72	78	83	82	80	83	69	71	79	83	86	85	85	82	75	69	62	69	76
	Minimum	44	46	59	41	39	41	48	33	35	49	50	35	33	29	31	37	42	43	40	40	32	....	....	....	....	....	....	41	54	44	47	41
Bee Branch	Maximum	79	86	80	71	78	84	78	67	85	87	80	67	70	75	78	84	84	82	86	75	73	79	84	86	85	83	82	78	68	62	....	78
	Minimum	42	52	58	40	40	47	46	30	40	47	51	35	34	32	39	43	44	49	44	42	35	39	46	42	47	52	41	58	48	44	46	43
Bentonville	Maximum	74	76	68	73	79	82	67	69	85	80	59	63	68	75	79	82	84	79	77	64	73	80	82	83	77	72	73	70	51	55	55	72
	Minimum	45	58	47	44	45	57	38	34	53	50	36	30	36	41	47	51	52	50	47	37	37	46	49	50	52	46	46	51	47	47	47	45
Booneville	Maximum	76	91	76	79	80	84	73	72	81	86	78	65	68	74	74	84	83	86	84	74	75	81	84	86	80	77	83	72	67	60	58	77
	Minimum	47	64	59	50	51	60	50	39	53	62	56	39	42	45	50	54	55	58	59	48	42	51	55	52	60	54	48	63	51	47	47	52
Brinkley	Maximum	85	90	78	76	78	83	81	69	74	86	75	67	69	75	80	86	85	84	89	70	75	82	86	88	86	86	85	79	63	61	65	77
	Minimum	51	54	62	44	42	49	58	34	49	54	54	36	35	35	41	44	54	52	45	46	36	38	40	41	50	63	48	53	23	49	49	47
Calico Rock §§	Maximum	79	83	73	74	79	87	75	70	86	85	64	68	70	75	80	86	86	81	84	70	74	83	86	88	86	86	85	79	63	61	65	77
	Minimum	48	49	56	42	42	42	48	35	37	47	49	32	33	32	32	37	45	45	41	36	34	35	40	39	39	43	43	39	47	46	49	41
Camden §§	Maximum	82	88	78	79	80	83	81	69	81	86	74	66	69	74	77	83	82	86	92	72	73	79	83	85	85	85	82	77	71	63	63	78
	Minimum	47	48	64	47	48	49	51	36	38	42	48	38	35	31	36	43	47	49	50	42	37	38	39	41	42	52	44	44	46	47	45	44
Conway	Maximum	82	93	84	79	81	86	80	73	87	88	69	69	71	72	77	84	86	84	88	72	75	82	85	88	88	84	84	80	74	65	63	79
	Minimum	42	54	61	46	47	49	47	33	40	49	55	33	33	31	38	42	43	50	44	48	35	43	49	40	47	51	40	49	50	45	45	44
Corning	Maximum	69	72	72	62	64	75	75	57	73	74	74	55	61	63	66	73	73	73	69	70	65	68	72	75	76	78	78	71	61	61	69	69
	Minimum	44	49	55	39	36	44	45	33	46	50	49	30	30	28	31	41	43	53	40	42	32	35	38	38	42	58	41	54	51	46	42	42
Dodd City	Maximum	75	75	71	73	72	87	77	70	87	83	75	65	68	74	79	84	95	76	78	68	74	83	83	87	82	84	82	76	63	60	60	76
	Minimum	40	49	52	37	40	42	43	30	40	47	43	28	34	33	42	44	41	51	43	34	36	42	44	42	45	41	45	48	43	44	46	41
Dumas	Maximum	70	76	75	65	65	75	72	68	76	75	76	68	72	62	78	80	74	79	80	80	65	75	79	89	85	85	82	74	69	64	58	73
	Minimum	48	60	64	44	45	48	54	37	51	48	54	38	35	36	42	44	48	48	51	46	38	43	48	50	54	55	48	58	48	46	45	49
Dutton	Maximum	72	80	71	74	75	78	68	66	77	83	65	63	65	60	72	80	81	79	87	69	69	83	80	81	76	74	77	65	59	58	55	72
	Minimum	37	50	52	52	53	46	42	27	46	42	44	27	30	33	40	40	41	44	60	32	30	38	40	38	42	33	34	33	41	43	40	40
El Dorado	Maximum	84	89	87	80	82	85	85	70	82	88	75	68	69	72	79	84	83	89	94	82	75	78	84	86	87	88	83	75	75	66	64	80
	Minimum	59	65	65	57	53	54	56	37	45	52	46	37	35	36	39	46	48	53	59	45	38	43	48	50	54	55	48	58	48	46	45	49
England	Maximum	80	89	80	78	78	84	79	70	81	86	75	68	71	75	80	85	85	85	91	73	75	86	73	87	86	86	84	....	....	....	....	80
	Minimum	44	57	64	44	44	49	52	35	46	52	56	37	35	33	40	44	46	51	47	47	37	38	41	42	50	62	44	....	....	....	....	45
Eureka Springs	Maximum	77	79	74	76	81	85	72	69	82	87	69	68	72	78	79	84	86	82	81	69	76	86	86	86	79	76	80	70	55	59	55	76
	Minimum	45	56	49	47	44	56	43	34	54	52	42	31	37	40	49	55	54	52	57	39	38	48	50	56	52	49	50	53	43	43	43	47
Fayetteville	Maximum	74	77	73	73	78	81	76	68	84	84	74	66	68	74	84	83	83	78	78	68	72	78	81	83	78	74	77	73	56	56	58	74
	Minimum	42	68	51	44	48	60	44	32	56	52	44	32	45	45	54	53	53	52	49	41	37	42	50	53	61	48	50	56	46	44	44	48
Fort Smith	Maximum	76	86	76	80	82	85	70	72	86	86	69	64	68	73	76	83	85	88	91	70	73	75	80	83	83	84	80	80	79	71	62	77
	Minimum	50	60	57	49	53	58	45	37	47	53	48	40	42	44	51	52	55	58	52	49	42	51	53	52	58	51	45	57	48	50	49	50
Grannis	Maximum	77	86	79	77	79	81	73	69	80	82	72	66	67	72	74	78	80	85	91	70	73	75	80	83	83	84	83	76	79	71	59	67
	Minimum	45	59	59	46	50	51	50	35	40	47	56	34	35	35	46	46	47	47	54	43	41	46	48	53	45	46	53	43	40	40	37	45
Gravette	Maximum	73	72	70	74	70	82	76	69	83	82	75	64	69	74	72	82	83	79	78	67	71	81	81	82	83	76	79	71	59	67	55	74
	Minimum	42	42	44	37	45	45	43	29	54	54	44	27	38	41	50	46	47	49	41	30	32	33	41	42	46	46	46	49	45	43	41	42
Hope	Maximum	84	91	86	80	85	82	82	72	83	89	78	66	70	77	78	89	87	89	92	73	73	80	85	83	88	86	84	81	72	63	61	80
	Minimum	47	57	64	49	49	55	54	38	44	49	55	45	44	45	43	46	49	50	51	42	38	42	41	41	53	61	41	48	48	44	46	47
Hot Springs	Maximum	77	82	80	85	82	85	86	79	80	80	81	84	89	72	79	80	79	80	77	76	79	69	73	83	81	81	85	82	77	70	71	78
	Minimum	48	62	60	49	53	57	60	40	50	54	60	42	41	41	44	52	50	47	60	48	52	42	41	45	50	51	49	53	49	48	49	50
Huttig	Maximum	87	91	91	83	82	86	87	85	84	90	92	75	69	77	81	84	82	89	96	89	76	81	85	88	89	90	85	81	78	69	64	83
	Minimum	54	64	65	48	48	48	50	39	38	45	54	41	37	37	42	49	49	46	52	50	38	38	40	45	51	60	48	44	48	46	45	47
Jonesboro	Maximum	77	86	74	69	76	86	81	70	83	88	73	63	65	74	81	84	86	87	84	74	71	82	84	89	86	87	89	73	72	66	65	78
	Minimum	46	51	58	43	39	47	48	35	48	54	35	35	35	35	39	43	47	51	46	44	37	38	43	46	49	56	49	53	51	48	47	45
Junction	Maximum	86	90	86	74	76	86	87	76	74	76	79	71	72	77	79	81	88	91	95	81	74	79	84	86	88	89	86	77	78	74	70	81
	Minimum	64	67	63	48	47	49	52	35	38	42	46	40	36	35	39	42	49	60	63	57	44	46	48	57	60	62	58	60	54	48	40	50
Little Rock	Maximum	76	85	74	76	76	80	77	66	76	81	68	64	66	72	73	79	86	88	85	68	72	73	80	82	83	84	80	76	69	58	60	74
	Minimum	51	61	60	49	50	55	46	41	47	53	50	42	43	42	48	51	53	56	55	52	45	50	51	52	57	64	52	54	51	50	48	50
Lutherville	Maximum	75	84	83	79	77	83	76	69	84	85	69	68	71	76	84	84	84	84	83	79	74	80	82	85	81	76	82	75	68	62	60	77
	Minimum	43	56	51	46	48	54	48	36	49	56	52	37	39	41	48	53	54	59	48	46	41	41	51	53	58	52	46	56	51	45	45	48
Magnolia	Maximum	88	85	89	77	78	81	83	81	77	82	87	74	69	75	78	83	88	89	92	82	83	84	....	80	82	87	85	83	74	75	75	83
	Minimum	50	64	65	49	49	56	51	36	41	54	54	41	38	38	38	46	53	55	60	48	45	43	....	37	61	51	43	58	46	46	46	48
Malvern	Maximum	72	81	82	73	78	80	74	69	73	80	79	68	69	70	49	8	75	80	85	82	68	70	76	80	83	84	83	80	77	69	64	67
	Minimum	45	58	64	45	47	49	55	33	42	48	60	37	35	37	41	45	44	48	50	41	40	39	40	41	50	57	41	53	46	50	40	47
Mammoth Spring	Maximum	73	78	71	68	72	82	78	65	82	82	63	63	66	69	73	76	77	77	72	77	76	80	79	83	80	80	77	69	64	61	70	74
	Minimum	42	48	57	39	37	43	47	32	46	56	48	30	31	28	32	32	38	39	40	37	32	38	39	40	37	45	39	48	52	41	46	40
Marianna §§	Maximum	74	74	....	70	71	78	79	64	80	82	74	61	63	68	73	76	79	79	85	75	76	77	81	82	84	76	73	72	....	63	74	75
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marked Tree §§	Maximum	89	75	73	71	83	82	66	80	83	68	61	67	71	77	81	83	81	83	68	73	80	84	87	86	70	62	66	72	66	67	77	76
	Minimum	46	60	43	39	46	51	39	40	52	53	34	32	32	36	39	41	41	44	45	35	36	40	41	43	45	41	41	44	46	49	48	43
Marshall	Maximum	75	83	73	71	75	81	74	70	75	78	75	67	72	76	80	82	79	82	85	70	74	79	81	80	77	76	74	67	60	64	70	75
	Minimum	45	59	58	44	51	57	46	37	55	58	58	35	37	40	50	55	65	58	51	43	43	52	55	54	60	60	53	58	54	45	45	50
Mena	Maximum	78	86	75	78	80	81	72	71	81	85	70	64	67	73	71	80	81	82	85	75	72	79	82	83	80	81	80	73	70	67	67	76
	Minimum	41	59	59	47	50	54	57	35	49	57	55	38	36	38	45	47	55	48	54	49	40	49	45	48	56	46	45	51	43	46	47	48
Morrillton	Maximum	75	86	76	78	76	83	76	67	82	86	....	77	75	71	77	80	81	81	83	79	81	88	81	83	82	78	80	75	68	63	....	77
	Minimum	45	55	62	46	46	52	52	39	39	52	....	37	37	34	46	46	45	45	5	47	49	38	42	43	44	48	59	43	49	55	47	49
Mountain Home	Maximum	76	82	72	73	78	88	75	70	88	87	62	66	67	73	79	83	81	81	83	69	73	8	84	87	83	8	84	76	61	63	61	76
	Minimum	40	48	53	38	38	47	44	38	40	52	45	32	32	30	37	43	44	52	40	39	33	39	41	40	48	51	38	47	50	41	46	44
Mount Ida	Maximum	74	78	79	80	81	84	78	73	85	86	71	68	69	70	70	85	84	87	93	75	76	82	84	85	82	85	82	74	71	64	63	78
	Minimum	40	49	41	42	45	46	50	31	37	61	52	30	29	29	35	45	41	45	44	36	31	35	35	37	43	47	36	40	43	48	42	42
Nail	Maximum	70	78	67	68	69	76	68	65	77	81	68	63	67	....	80	78	78	78	79	77	78	79	78	79	75	76	76	67	55	55	56	74
	Minimum	49	55	51	45	47	52	41	35	50	60	42	34	40	....	43	50	56	58	45	46	45	41	47	50	52	52	55	44	40	41	44	47
Newport	Maximum	76	86	79	71	75	82	78	66	80	82	75	63	64	71	74	80	82	86	89	71	69	82	85	88	84	84	84	80	74	65	63	79
	Minimum	46	54	60	43	43	49	48	35	47	52	54	35	30	35	41	45	43	50	45	46	37	41	43	43	49	62	46	52	50	49	50	50
Osceola	Maximum	85	85	84	82	86	79	79	83	80	80	70	68	66	66	71	72	70	68	66	71	76	75	73	76	76	75	73	71	70	68	66	74
	Minimum	56	45	51	56	43	40	47	48	37	49	53	50	35	38	38	43	43	45	47	44	36	40	41	43	50	60	56	53	53	50	50	49
Ozark	Maximum	77	86	77	80	81	79	72	87	85	69	67	68	69	71	73	74	77	84	85	82	80	82	84	83	78	82	78	64	60	62	70	76
	Minimum	46	61	59	46	51	48	31	41	50	55	36	39	42	44	50	57	46	47	48	54	48	41	40	43	55	56	50	39	50	46	53	48
Pine Bluff	Maximum	81	91	78	81	80	85	84	71	81	86	78	63	65	72	78	79	80	83	86	79	70	76	79	82	84	83	78	75	73	60	62	77
	Minimum	50	61	65	47	49	69	55	40	41	53	59	45	38	39	44	46	52	53	53	49	42	42	46	47	53	63	50	54	49	47	47	49
Pocahontas	Maximum	80	84	72	70	77	85	77	68	73	87	80	66	69	75	79	85	86	82	83	78	73	80	86	90	86	87	85	83	71	64	65	79
	Minimum	40	49	57	42	37	45	48	35	45	48	50	30	33	32	36	43	45	53	41	45	34	35	40	40	46	55	41	50	50	49	47	43
Portland	Maximum	82	87	77	77	78	83	83	67	80	86	75	64	67	75	82	83	80	85	91	82	74	81	84	86	89	81	85	76	74	63	64	77
	Minimum	64	65	65	48	48	49	52	39	40	47	56	41	41	40	45	48	50	48	53	50	40	39	41	45	55	60	55	50	46	47	45	48
Prescott	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rison	Maximum	81	90	78	78	79	83	82	69	81	85	79	65	70	75	80	85	83	86	91	84	75	81	86	87	84	83	83	76	73	65	61	79
	Minimum	49	60	63	46	47	53	57	36	46	51	56	36	40	39	46	48	50	51	55	48	41	43	42	47	55	61	49	59	47	46	44	49
Rogers	Maximum	74	77	71	74	80	82	72	68	82	79	66	62	66	74	79	82	84	77	79	66	74	79	82	83	78	78	78	69	55	58	55	74
	Minimum	41	58	52	39	42	52	44	31	51	47	44	29	29	35	44	44	45	44	42	34	34	40	40	39	49	49	39	50	46	45	44	44
Searcy	Maximum	76	88	81	77	75	82	81	67	81	84	78	69	68	72	75	81	88	83	90	76	76	79	82	85	87	86	82	74	71	62	66	76
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart	Maximum	78	88	84	77	75	83	81	63	80	85	75	64	67	73	78	82	82	83	90	75	71	78	84	86	86	86	83	74	73	64	63	79
	Minimum	46	59	63	44	45	50	53	34	44	52	50	31	35	35	45	43	46	50	69	56	45	39	40	44	51	64	57	56	48	43	45	48
Subiaco	Maximum	78	87	80	80	81	86	75	71	88	87	74	66	69	75	75	84	86	84	88	74	77	83	84	88	84	80	85	75	66	62	58	77
	Minimum	46	55	59	46	50	52	49	39	45	54	56	37	39	40	47	48	50	58	54	47	41	44	47	46	50	52	44	58	52	48	46	48
Texarkana	Maximum	86	91	86	82	85	86	83	78	82	88	82	73	76	80	83	87	87	92	96	85	72	84	85	87	84	83	85	79	75	69	68	82
	Minimum	59	60	65	50	52	58	56	39	45	52	60	40	37	39	48	47	52	55	56	50	43	50	45	48	59	60	44	59	47	48	47	49
Umphers	Maximum	75	86	73	75	76	79	74	68	80	81	75	64	66	71	80	78	....	78	83	74	72	77	79	81	77	76	78	76	66	60	58	74
	Minimum	50	55	59	56	48	56	49	40	49	57	55	39	41	44	49	55	....	56	55	47	44	47	49	54	55	55	55	54	48	45	46	50
Warren	Maximum	80	88	79	78	76	80	82	69	80	84	75	64	67	72	78	84	76	85	92	81	72	79	82	85	85	83	81	74	72	63	60	78
	Minimum	50	64	64	49	50	53	58	41	46	52	57	39	39	37	45	47	51	51	56	51	41	43	43	46	55	65	51	53	48	48	40	50
Wynne	Maximum	78	89	75	74	73	82	82	65	80	88	67	70	67	73	79	82	83	82	86	75	82	83	90	88	86	81	88	82	74	75	66	79
	Minimum	44	54	61	43	42	43	50	34	48	53	54	32	39	36	47	42	42	54	44	42	42	37	54	43	54	64	50	54	51	49	48	48

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVI. LITTLE ROCK, ARK., NOVEMBER, 1921. No.11.

GENERAL SUMMARY.

The outstanding features of Arkansas' weather during the month of November were the positive departures from the normal in both temperature and precipitation. During the past 31 years a mean temperature higher than 54.9° has been recorded only three times while the average precipitation, 5.35 inches, which is nearly two inches above normal, has frequently been exceeded.

Except in a few favored localities the dry weather of October continued until the middle of November at which time pastures and ranges were extremely dry, stock water scarce, the rivers of the State at very low stages, and forest fires were filling the air with smoke throughout the northern half of the State. Rain in sufficient quanities to break the drought occurred in a few localities on the 14th, but not until the 16th were they general. From the 16th to the 19th the fall was heavy throughout most of the State and from the 24th to the 27th moderate amounts occurred while during other periods the amounts were negligible. The number of rainy days was practically normal, the number of cloudy days slightly above normal, and the sunshine percentage correspondingly below.

During the afternoon and evening of November 17th two tornadoes occurred in Arkansas in which 11 people were killed, 39 or more injured, and near $20,000.00 worth of property destroyed. The first occurred in southern Polk County and followed a west east course, the principal damage being done about one mile west of Wicks where eight lives were lost in one home. The other started in Clark County, near De Gray, and moved northeastward across Hot Springs County into the southeast edge of Garland. Along this track three lives were lost. Both storms were very destructive when touching the earth, but seem to have bounced from place to place, not touching all the time.

W. C. H.

TEMPERATURE.

The mean temperature for the State, as determined from the records of 53 stations, was 54.9° which is 3.4° above the November normal. Positive departures are noted in all sections except Clay County, Corning's mean being 50.6° which is 0.2° below the November mean for that station. The highest monthly mean was 61.6 recorded at Huttig; the lowest, 49.9°, at Dutton. The highest temperature recorded during the month was 88° at Mount Ida on the 17th; the lowest, 17°, at Dodd City and Mountain Home on the 12th. The lowest temperature of the month occurred about the 12th in all sections and on that date killing frost was general throughout the State.

PRECIPITATION.

The average precipitation as shown by the records of 70 stations, was 5.53 inches, which is 1.96 inches above the November normal. The monthly totals ranged from 1.10 inches at Springbank to 13.77 inches at Searcy. With the passage of a LOW, Nov. 16th to 19th inclusive, the State's rainfall was excessive, over eleven inches being recorded at Conway and Searcy and six to eight inches at a number of stations. The greatest fall in 24 consecutive hours was 5.85 inches at Waldron on the 18th. The average number of rainy days was 7.

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MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	30.06	30.40	19	29.67	18	2,653	12	sw.	16	.....	.....	57
Fort Smith...	30.06	30.40	19	29.67	18	5,564	40	w.	16	78	60	58
Little Rock..	30.08	30.40	19	29.61	18	6,314	43	nw.	18	80	60	54
Memphis....	30.12	30.43	19	29.77	18	6,381	40	nw.	18	76	64	58

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 8th, 4; 9th, 8; 13th, 1; 14th, 2; 16th, 17; 17th, 15; 18th, 16; 19th, 5; 20th, 1; 24th, 8; 27th, 2.

Lunar Halos:– 5th, 1; 6th, 1; 10th, 1; 15th, 1; 16th, 1.

Heavy Hail:– Amity, 17th.

Light Hail:– 16th, 1; 17th, 2; 18th, 2.

COMPARATIVE DATA FOR ARKANSAS---- NOVEMBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
Normal*	51 5		87	13	3.57		15	6	9	6
1891.....	49.7	−1.8	87	10	5.56	+1.99	13	7	10	8
1892.....	49.9	−1.6	79	20	5.83	+2.26	11	7	12	9
1893.....	49.3	−2.2	84	10	4.21	+0.64	14	8	8	5
1894.....	50.4	−1.1	81	12	1.12	−2.45	19	6	5	2
1895.....	49.9	−1.6	82	16	4.82	+1.25	14	5	11	6
1896.....	52.8	+1.3	88	8	4.34	+0.77	14	7	9	7
1897.....	51.6	+0.1	88	15	2.82	−0.75	16	6	8	6
1898.....	47.5	−4.0	87	9	3.20	−0.37	13	8	9	4
1899.....	54.3	+2.8	87	17	2.61	−0.96	13	8	9	6
1900.....	51.4	−0.1	90	18	4.28	+0.71	15	7	8	6
1901.....	50.5	−1.0	88	15	2.99	−0.58	16	7	7	5
1902.....	56.5	+5.0	90	18	6.66	+3.09	8	9	13	9
1903.....	47.6	−2.9	89	2	0.64	−2.93	13	9	8	3
1904.....	51.4	−0.1	89	17	1.38	−2.19	17	5	8	3
1905.....	53.2	+1.7	88	9	3.28	−0.29	16	5	9	5
1906.....	50.2	−1.3	88	13	5.90	+2.33	14	7	9	6
1907.....	49.0	−2.5	84	10	5.71	+2.14	16	5	9	6
1908.....	53.8	+2.3	88	5	5.40	+1.83	15	6	9	8
1909.....	59.3	+7.8	90	16	3.75	+0.18	13	8	9	7
1910.....	51.5	0.0	85	17	0.47	−3.10	16	9	5	3
1911.....	46.8	−4.7	86	5	3.18	−0.39	14	8	8	7
1912.....	50.5	−1.0	89	13	1.66	−1.91	19	7	4	2
1913.....	57.6	+6.1	85	20	2.47	−1.10	10	9	11	5
1914.....	52.6	+1.1	88	11	2.32	−1.25	15	6	9	4
1915.....	54.8	+3.3	88	17	5.40	+1.83	16	5	9	6
1916.....	52.1	+0.6	87	10	2.95	−0.62	20	4	6	5
1917.....	50.7	−0.8	85	11	1.96	−1.61	17	4	9	4
1918.....	49.7	−1.8	88	18	3.91	+0.34	15	4	11	6
1919.....	51.4	−0.1	86	14	6.27	+2.70	17	3	10	7
1920.....	47.8	−3.7	89	10	1.95	−1.62	15	4	11	5
1921.....	51.0	+2.1	88	17	5.53	+1.96	13	6	11	7

* Based on 30 years record.

Climatological Data for November, 1921.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	28	52.8	+ 0.5	85	6†	24	12	56	3.43	−0.62	1.74	0	5	14	0	16	s.	Albert Dillard.
Arkadelphia	Clark	160	25								1.90	- 1.80	1.10	0	4	6	0	24	ne.	F. J. Carpenter.
Arkansas City	Desha	145	37								2.87	−0.89	1.80	0	6	11	5	14	n.	Geo. E. Payne.
Batesville	Independence	277	22	50.8	+ 0.4	83	5	22	12†	51	7.24	+3.90	2.00	0	8	11	4	15	nw.	Mrs. Leia I. Teter.
Bee Branch	Van Buren		29	52.7[a]	+ 1.1	82[b]	7	20	12	46[b]	6.70	+3.56	2.40	0	9	13	2	15	s.	J. E. Scanlan.
Bentonville	Benton	1303	15	51.0	+ 3.3	80	5	24	12	41	1.63	-1.36	0.96	T	5	13	10	7	s.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	19								10.40	+6.40	2.63	0	9	15	2	13	n.	Vernon C. Howe.
Booneville	Logan	925	7	56.2		83	4	29	12	36	9.21		4.50	0	8	15	5	10	w.	Supt. Tuberculosis Sa
Brinkley	Monroe	226	39	56.2	+ 4.6	87	17	24	12	46	3.98	−0.88	1.76	0	7	12	7	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	17	51.9		87	16	21	12	56	6.99	+4.08	2.64	0	9	16	1	13	n.	J. M. Richardson.
Camden	Ouachita	158	35	56.1	+ 2.7	81	5†	30	12†	49	2.72	−1.36	1.41	0	6	11	6	13	n.	A. B. Quarterman.
Centerpoint	Howard	479	24																	C. M. Huddleston.
Clarendon	Monroe	171	17								5.28	+1.37	2.38	0	8	10	4	16	sw.	J. W. Bishop
Clinton	Van Buren	550	0								9.18		4.20	0	7	14	7	9	w.	Dr. R. M. Hunter
Conway	Faulkner	309	37	54.6	+ 4.0	82	5†	24	12	48	12.95	+9.02	4.53	0	7	13	10	7	s.	E. E. Cordrey.
Corning	Clay	293	21	50.6	− 0.2	75	4	23	12	44	8.87	+5.84	2.00	0	12	13	6	11	s.	Rev. N. E. Skinner.
Danville	Yell	337	6								7.39		2.75	0	6	17	0	13	nw.	J. R. Avera.
Dardanelle	Yell	330	35	54.4[j]	+ 2.4	82[j]	11	25[j]	12	52[j]	8.45	+5.02	3.00	0	6	5[j]	0[j]	15[j]	w.	J. D. Riley
Dodd City	Marion	1175	39	50.4	+ 2.1	84	4	17	12	48	5.79	+2.80	3.35	0	7	9	16	5	s.	Neal Dodd.
Dumas	Desha	162	14	56.9	+ 3.5	84	17†	29	29	40	2.37	−1.08	1.12	0	6	8	14	8	.....	Ben. Johnson.
Dutton	Madison	1590	19	49.9	+ 1.9	79	5	19	12	49	5.44	−2.10	2.18	0	10	14	6	10	s.	J. M. Ricketts
El Dorado	Union	265	17	60.3	+ 5.2	83	4	30	20	43	1.70	−2.74	1.24	0	5	3	16	11	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	14	57.0[a]	+ 3.2	87[a]	16	25[a]	12	47[a]	4.04	+0.49	1.43	0	7	14[a]	6[a]	9[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	54.7	+ 3.8	83	5	21	12	43	2.87	+0.30	2.00	0	4	15	12	3	sw.	George W. Nicholds.
Fayetteville	Washington	1451	35	54.3	+ 4.5	83	5†	21	12	50	3.68	+0.85	3.00	0	3	11	12	7	n.	University of Arkans
Fort Smith	Sebastian	481	39	54.2	+ 4.3	82	4	29	10	41	5.22	+1.91	3.52	0	7	13	5	12	e.	U. S. Weather Burea
Fulton	Hempstead	264	35								3.30	- 0.20	1.73	0	4	13	5	12	n.	T. J. Logan.
Georgetown	White	200	8								6.45		2.00	0	7	11	9	10	e.	Cleve Bell.
Gillett	Arkansas		3																.....	H. E. F. Beverburg.
Grannis	Polk	921	3	55.9[j]		84[j]	17	28[j]	12	39[j]	5.20		2.04	0	9	10[j]	1[j]	9[j]	s.	W. E. Mc Vay.
Gravette	Benton	1250	23	52.8[a]	+ 3.1	82[a]	6	19[a]	12	52	1.65	−3.29	0.75	0	3	11[a]	10[a]	8[a]	sw.	A. F. Stevens.
Hardy	Sharp	643	24	51.8[i]	+ 1.1	83[i]	4†	20[i]	13	53[i]	6.23	+2.93	3.10	0	5	9[i]	7[i]	5[i]	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	50								5.56	+1.11	1.70	0	8	12	2	16	n.	James A. Burnett.
Higden	Cleburne	445	3								7.75		3.25	0	7	12	12	6	n.	Arthur Cross.
Hope	Hempstead	377	49	57.3[b]	+ 3.9	85	17	28[c]	11	49[c]	3.89	−0.69	2.13	0	3	16	4	10	n.	N. P. O' Neal.
Hot Springs	Garland	600	28	56.4[g]	+ 3.8	81[g]	17	28[g]	12	34[g]	5.89	- 1.42	3.01	0	10	12[g]	4[g]	7[g]	n.	L. M. MacRae.
Huttig	Union		14	61.6	+ 6.5	85	19	32	11	48	1.73	- 1.07	1.23	0	4	13	12	5	sw.	J. L. Collett.
Jonesboro	Craighead	345	26	54.6	+ 3.1	80	23	26	12	44	10.90	+7.71	3.76	0	10	14	6	10	n.	Benedictine Sisters.
Junction‡‡	Union	182	28	56.3	+ 2.3	78	5†	29	10	42	1.19	- 2.24	0.87	0	3	23	5	2	n.	L. A. Lowderback.
Little Rock	Pulaski	286	42	55.8	+ 4.3	81	17	31	12	32	3.89	−0.70	1.77	0	10	12	3	15	s.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	24	55.2	+ 4.0	80	7	30	10	39	6.53	+3.16	2.21	0	8	15	4	11	e.	H. Kauffeld.
Magnolia	Columbia	315	3																.....	State Agriculture Sch
Malvern	Hot Springs	277	38	55.8	+ 3.3	80	17	29	29	42	2.80	- 2.83	1.80	0	6	10	5	15	e.	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	16	51.6	+ 3.1	80	16	20	12	49	7.87	+1.77	3.41	0	7	16	7	7	w.	W. S. Vincent.
Marianna	Lee	235	12	55.7	+ 4.0	80	18	28	12	38	4.21		0.93	0	9	17	7	6	s.	S. G. Helm
Marked Tree	Poinsett	229	16	53.4		81	22	25	10†	44	7.78	+2.85	2.22	0	9	12	10	8	s.	Charles Walton.
Marshall	Searcy	1083	6	54.5		77	16[i]	25	12	30	9.05		3.60	0	10	9	15	6	sw.	W. F. Reeves.
Mena	Polk	1208	33	55.7	+ 3.2	81	7	27	10	36	6.07	-2.70	2.82	0	7	14	5	11	n.	E. W. St. John.
Morrillton	Conway	347	1	54.6		78	4	30[a]	29	45[a]	7.59		4.10	0	7	3[a]	14[a]	12[a]	s.	J. W. Jackson.
Mountain Home	Baxter	800	7	52.6		86	4	17	12	53	6.15		1.88	0	9	11	7	10	n.	B. S. Harbert.
Mount Ida	Montgomery	736	23	54.6		88	17	22	12	53	6.12	+ 2.33	4.00	0	5	14	2	14	e.	G. A. Whittington.
Murfreesboro	Pike	367	5								2.46		0.80	0	4	18	1	11	e.	Henry A. Davis.
Nail	Newton	2233	28	50.1	+ 1.8	76	7	24	12	35	4.70	- 1.39	1.56	0	8	14	8	9	s.	Charles Paxton.
Newport	Jackson	231	37	54.4	+ 3.7	78	4†	26	12	43	7.37	2.87	2.65	0	7	10	5	15	sw.	George L. Robinson
Okay	Pope	1700	6								7.56		2.60	0	7	8[k]	4[k]	7[k]	s.	U. S. Forest Service
Osceola	Mississippi	240	21	55.4	+ 6.0	78	18	26	11	42	6.55	- 1.73	1.95	0	8	9	4	17	s.	Atwood P. Smith.
Ozark	Franklin	377	25	54.8	+ 2.2	81	4	27	12	45	7.10	+ 1.15	2.77	0	7	7	6	17	sw.	Isham Burrow.
Patterson	Woodruff	196	5								6.90		3.50	0	5	9	0	21	sw.	W. E. Baker.
Pine Bluff	Jefferson	215	37	57.2	+ 4.2	82	17	30	12	38	4.66	- 0.41	1.32	0	9	20	3	7	s.	Roy F. Hammond.
Pocahontas	Randolph	309	29	55.4	- 5.5	83	4	24	12	51	9.90	+ 6.67	2.90	0	10	14	5	11	s.	Benedictine Sisters.
Portland	Ashley	122	15	60.4	+ 6.5	85	18	30	12	43	2.48	- 1.02	0.91	0	5	12	15	3	w.	W. E. Edmiston.
Prescott	Nevada	327	39																	F. J. Johnson.
Princeton	Dallas	287	14								2.80	1.33	1.50	0	3	22	0	8	se.	Foote Coleman.
Rison	Cleveland	243	17	58.6	+ 5.5	82	17†	28	12	42	3.62	−0.39	1.55	0	4	14	5	11	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	30	52.4	+ 3.0	80	5	21	12	45	2.17	0.47	1.11	0	5	10	6	14	sw.	Carl A. Starck.
Searcy	White	236	8	55.1		80	4	23	12	44	13.77		5.25	0	10	16	0	14	nw.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9								1.10	-1.98	1.10	0	1	13	4	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	56.6	+ 4.7	83	17	30	29	45	4.05	−0.02	1.33	0	7	13	11	6	nw.	H. A. Buerkle.
Subiaco	Logan	1050	21	55.5	- 3.1	81	4†	27	12	43	8.67	+5.76	4.18	0	7	11	12	7	w.	New Subiaco Abbey
Texarkana	Miller	332	39	61.2	+ 5.9	84	5†	31	10	45	4.02	+1.00	1.87	0	4	16	8	6	n.	H. S. Brashear.
Umphers ‡‡	Yell	2600	4	54.9		80	4†	31[a]	12†	36[a]	3.21	....	0.70	0	8	14	3	13	s.	U. S. Forest Service
Waldron	Scott	675	2								10.48		5.85	0	7	10	5	15	sw.	Dr. Cheves. Bevil.
Warren	Bradley	206	2	59.0	+ 5.3	81	18	30	12	40	2.08	−1.73	1.09	0	3	14	6	10	n.	Mrs. J. L. Clegg
Whitecliffs	Little River		16								2.20	−0.42	1.30	0	2	17	3	10	sw.	Miss Eulala M. Sch
Wynne	Cross	250	13	54.2	+ 2.3	79	18	24	12	44	7.22	−4.41	2.40	0	5	17	0	13	n.	J. M. Larkan.
State Means and Extremes				54.9	+ 3.4	88	17	17	12	56	5.53	+1.96	5.85	T.	7	13	6	11	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete
ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], app
in the table indicate number of days missing; for example, "[j] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Ju
Ga.; Lutherie, R. F. D. No. 2, Lonoke, Ark.; Springbank, Doddridge, Ark.; Umphers, Royer, Ark.

Daily Precipitation for November, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita									.14							1.74		.93					.35	.27								
Arkadelphia	do											.15					.30	.35		1.10													3.43
Arkansas City	Mississippi									.13	.06		T	.06			T.	.45	T	.37													1.90
Batesville	White	T.								.51							.22	2.00	1.60	2.06				.09		.78		.04			T.		2.87
Bee Branch	Arkansas									.10							.30	1.50	2.40	1.40			.10	.10	.70	.10							7.24
Bentonville	do	T.								.04							.51	15	.94	T.					.01	T.							6.70
Black Rock	White								.37			.27					1.75	2.63	2.48					.48		.46	.04	1.98					1.63
Booneville	Arkansas									.21							.74	4.50	2.28	.49			T.		.74	.11	.14				T.		10.40
Brinkley	White									.12					.31	.44		21	.71	1.76						.43							9.21
Calico Rock	do									.24				.07			.23	1.00	1.88	2.64													3.98
Camden	Ouachita									.05					.01		.52	.31	.42	1.41						.05		.79			.09		6.99
Centerpoint	LittleRiver																																2.72
Clarendon	White	T.								.42				.20	2.38			.75	.12	1.29						.10		T.			.02		5.28
Clinton	do																.30	2.40	1.20	1.10			.03		1.13		.02						9.18
Conway	Arkansas													.59			.75	3.51	4.53	2.58				.09	.90								12.95
Corning	White									.75				.03			.65	1.45	2.00	1.95			.06	.10	.13	.10	1.20	.45					8.87
Danville	Arkansas									.30							.72	1.28	1.32	2.75				T.	T	1.02							7.39
Dardanelle	do									.25							.33	2.50	1.20	3.00						1.17							8.45
Dodd City	White								.08								.30	.90	3.35	.60						.31							5.79
Dumas	Arkansas								T.	.14				.15		T	.62	T.	.07	1.12											.25		2.37
Dutton	White									.27							.50	1.55	2.18	.34				.09	.9	.05	.14	.27			T.		5.44
El Dorado	Ouachita									.10				T.			.3		.04	1.24						T.					.03		1.70
England	Arkansas									.34				.07	.77	1.03	T	.26	1.43						T.	.14		.02					4.04
Eureka Springs	White	T.															.47	T.	2.00	.17					.25	T.							2.87
Fayetteville	do									.18							.50		3.00							T.							3.68
Fort Smith	Arkansas								.07	.01							1.10	2.95	1.05					T.	.02	T	.01			T.	T.		5.22
Fulton	Red									T.							.80	.05	.12	1.75				T									5.30
Georgetown	White									.40							.28	2.00	1.40	1.80						.55					.02		6.45
Gillett	Arkansas																																
Grannis	Red																.57	2.04	1.40				.10	.05	.95	.04	.04				.03		5.20
Gravette	White																.40	T.	.75					T.	.50								1.65
Hardy	do									.23								.60	1.40	3.10						.96							6.23
Helena	Mississippi								1.28	T.			.54	1.70			.06	.86	T.	.58						.06	T.	.48					5.56
Higden	White									.16							.24	2.00	3.25	.85					1.10		.15			T.		7.75
Hope	Red							T.	T.								2.13		1.10	.66													3.89
Hot Springs	Ouachita																.72	.56	3.01	1.01	.01	.01	.30	.24	.02	.01							5.89
Huttig	do									.25							.07		.15	1.23													1.73
Jonesboro	White									.72			.18				.65	3.12	3.76	1.24			0.4	.20	.76	T.		.23			T.		10.90
Junction	Ouachita									.19									.87								.15						1.19
Little Rock	Arkansas									.20			.37	.01	T.		.58	.82	1.76	.01			T.	T.	.01	.11					T.		3.89
Lutherville	do									.15							.25	2.21	2.02	.74					1.00	.07	.09				.02		6.55
Magnolia	Red																																
Malvern	Ouachita									.30			.10					.30	1.80					.10	.20								2.80
Mammoth Spring	White									.93							.33	.81	3.41	1.77					10		.52						7.87
Marianna	Mississippi								.19	.36			.59	.93			.78		.02	.60						.38		.36					4.21
Marked Tree	St. Francis									.55					T.			2.22	1.96	1.88				.02	.1	.55		.04			.05		7.28
Marshall	White									.42							.45	2.18	3.60	1.02					.12	.22	.93	.02			.08		9.05
Menard	Ouachita																.6	2.82	1.73	.41				.10	.24	.12	T						6.07
Morrilton	Arkansas									.10							.40	.49	1.10	1.25				.25	1.00								7.59
Mountain Home	White									.10							.40	1.28	1.88	.91					.09	.16	.08			1.25			6.15
Mount Ida	Ouachita																.91		4.00	1.00				.15	.58								6.42
Murfreesboro	do																.80	.71	.45							.52							2.46
Nail	White																.58	1.50	1.50	.50		.07	.05	T	.30	.25							4.70
Newport	do									.14							T	1.45	2.65	2.03				.09	.90		.11						7.37
Okay	Arkansas									.10							.31	2.25	2.60	.86					.97	.47				T.			7.56
Osceola	Mississippi									.70						.60	1.55	1.95	.80				T.		.50	T.	.25						6.55
Ozark	do									.34							.39	3.77	1.49	.18					.73		.20						7.10
Patterson	White									.85									3.50	1.45						.90							6.90
Pine Bluff	Arkansas									.20			.35	.58			1.29	.60	1.32							.26		.04			.02		4.66
Pocahontas	White									.60							.30	1.90	2.40	2.90				.20	.20	.10	1.20	.10					9.90
Portland	Ouachita								51	.08			T.				.35			.63								91					2.48
Prescott	do																																
Princeton	Ouachita												.10					1.20		1.50													2.80
Rison	do													.62	.05	.80				1.55													3.02
Rogers	Arkansas								T.	.11							.47	.36	1.11	.12					T.								2.17
Searcy	White									.28					.04		.32	5.25	4.50	2.12			T.	11	1.05	.02					.01		13.77
Springbank	Red									T.						T.		T.		1.10													1.10
Stuttgart	Arkansas									.37					1.25		1.02			1.33					.02		.2				04		4.05
Subiaco	do									.12							.62	4.18	1.58	.59					1.55		.03						8.67
Texarkana	Red								.40								1.65		1.87				.10											4.02
Umphers	Arkansas									.21					T.		.70	.60	.30	.10	.60				.65	.05							3.21
Waldron	do									.05							.72	3.32	5.85	.12			T.	.05	.37								10.48
Warren	Ouachita													T.	.29	T.	.70			1.09								T.					2.08
Whitecliffs	Red									T.							T.	.90	T.														
Wynne	St. Francis									.47					.60			2.10	.90	.75						2.40					1	30		2.20
																																	7.22

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station: precipitation for hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for November, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	4.3	6.2	7.0	6.8	6.5	6.3	4.4	3.8	3.8	3.5	3.4	3.3	3.2	3.2	
Dardanelle	do	20	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	2.1	3.9	7.6	7.2	6.6	5.7	5.1	4.6	4.0	3.1	2.7	2.6	2.0	1.8
Little Rock	do	23	*1.4	*1.4	*1.4	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.5	*1.6	*1.6	*1.6	*0.4	5.7	9.7	10.3	9.5	8.1	7.2	6.8	6.4	5.8	4.4	3.7	2.8
Pine Bluff	do	25	3.6	3.6	3.6	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5	4.1	10.0	13.1	13.4	12.4	11.5	10.7	10.3	8.9	8.8	8.1	7.5
Black Rock	Black	14	1.7	1.7	1.6	1.6	1.6	1.6	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	4.2	13.8	18.5	19.0	17.0	16.0	15.5	15.0	14.0	14.5	13.8	13.8	13.8
Calico Rock	White	18	*0.3	*0.3	*0.4	*0.4	*0.4	*0.1	*0.2	*0.3	*0.3	*0.4	*0.4	*0.5	*0.5	*0.1	*0.2	*0.1	*0.2	0.9	7.4	7.2	4.2	3.2	1.9	2.8	3.2	3.7	3.1	2.5	2.4	2.0	
Batesville	do	23	5.0	4.8	4.7	4.5	4.5	4.7	4.9	4.9	4.9	4.8	4.8	4.6	4.6	4.6	4.8	4.9	5.7	7.8	18.1	11.8	12.6	9.8	9.0	8.8	8.6	10.0	10.3	8.8	8.1	7.9	
Newport	do	26	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.2	5.1	8.2	15.5	16.8	18.9	18.4	15.8	12.7	12.1	12.0	11.9	11.7	11.6	
Georgetown	do	22	*0.7	*0.7	*0.7	*0.7	*0.7	*0.7	*0.7	*0.7	*0.7	*0.7	*0.6	*0.6	*0.7	*0.8	*0.8	*0.8	*0.9	*0.8	3.0	8.5	14.4	17.8	19.4	19.3	19.1	19.0	18.8	18.8	18.7	18.5	18.0
Clarendon	do	30	7.1	7.1	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9	6.9	6.9	7.0	8.3	11.8	15.6	17.5	19.3	20.3	21.1	21.8	22.4	22.9	23.2	23.5
Helena	Mississippi	42	5.4	5.2	5.1	5.1	5.1	5.4	6.0	7.0	8.3	9.6	10.7	11.5	12.4	13.1	13.4	13.5	13.6	13.3	13.0	12.5	12.4	13.7	17.0	20.6	23.8	26.3	27.7	28.3	28.7	29.1	
Arkansas City	do	42	6.7	6.5	6.3	6.2	6.2	6.2	6.3	6.5	7.3	8.6	10.2	12.0	13.0	13.6	14.1	15.3	15.4	15.5	15.5	15.2	15.0	15.7	17.6	20.7	24.0	26.5	29.0	30.3	31.2	31.7	
Camden	Ouachita	49	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.3	3.3	3.4	3.5	5.9	9.3	21.8	22.5	18.3	12.2	9.6	8.6	8.0	7.2	6.6	
Danville	Petit Jean	20	1.1	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.1	1.0	1.1	2.2	15.2	21.8	23.3	23.5	21.8	17.4	12.4	14.1	13.3	11.1	7.2	6.7	5.8	
Fulton	Red	28	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.1	8.3	12.0	14.1	15.9	12.6	11.1	10.2	10.1	9.7	9.2	8.7	
Arkadelphia	Ouachita	18	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	13.5	9.1	4.	3.9	2.9	2.5	2.3	2.1	2.1	1.9	1.6
Patterson	Cache	9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.8	7.1	7.6	7.9	8.0	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8

* Read zero at 24 h.

Daily Temperatures for November, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	70	70	78	83	73	85	77	49	62	62	58	68	67	59	78	85	75	59	58	69	71	78	65	58	74	70	62	62	84	65	....	6
	Minimum	42	31	31	30	30	34	37	37	43	26	26	21	26	47	34	34	58	46	38	28	29	32	50	58	47	47	40	32	28	30	....	3
Batesville §§	Maximum	71	64	67	83	75	72	78	76	45	60	60	53	58	44	29	30	60	60	40	30	31	31	41	49	41	41	50	39	29	30	....	5
	Minimum	45	29	30	32	32	36	40	40	44	30	31	22	22	44	29	30	60	60	40	30	31	31	41	49	41	41	50	39	29	30	....	3
Bee Branch	Maximum	....	....	68	80	79	71	82	72	67	56	64	53	61	61	58	75	74	75	62	54	65	66	73	70	54	67	67	56	58	62	....	6
	Minimum	44	33	35	34	39	40	42	44	38	27	31	20	41	47	38	49	56	55	36	30	29	41	56	45	39	45	37	34	28	45	....	3
Bentonville	Maximum	60	65	65	77	80	78	77	76	40	58	47	59	67	62	69	78	71	50	45	52	66	70	68	67	56	67	55	53	62	65	....	6
	Minimum	39	31	37	44	39	48	42	37	34	28	26	24	45	41	39	57	50	34	30	30	36	47	45	38	41	48	33	31	35	50	....	5
Booneville	Maximum	68	68	66	83	78	76	80	79	69	59	58	58	70	72	60	77	80	64	50	55	67	73	68	61	54	70	67	54	65	66	....	6
	Minimum	50	40	45	47	52	52	51	52	40	30	41	29	48	52	45	54	59	44	36	34	37	52	54	54	43	48	47	32	34	50	....	4
Brinkley	Maximum	73	60	72	79	78	75	82	73	60	59	68	57	55	58	58	68	87	79	77	57	71	70	80	76	65	79	76	58	63	67	....	6
	Minimum	47	35	32	33	39	42	42	47	43	30	39	24	43	50	39	55	64	66	42	31	31	50	60	58	41	48	43	40	31	50	....	3
Calico Rock §§	Maximum	70	65	69	76	86	80	81	79	45	63	51	56	65	64	63	87	79	77	51	53	68	77	78	67	54	67	50	54	69	70	....	6
	Minimum	46	29	30	31	32	35	35	36	41	36	34	21	23	41	30	31	60	61	39	31	31	31	38	55	39	41	45	38	31	31	....	3
Camden §§	Maximum	74	69	72	78	81	76	80	77	50	62	71	60	74	68	69	76	81	81	53	62	73	80	80	78	65	80	65	62	64	67	....	6
	Minimum	45	38	37	33	33	39	41	41	49	31	31	30	31	53	47	48	58	68	41	30	31	31	52	59	49	46	51	34	30	31	....	4
Conway	Maximum	73	73	70	80	82	69	82	74	66	62	65	55	59	62	58	78	72	78	68	55	67	73	78	68	52	70	66	55	60	63	....	6
	Minimum	47	32	36	32	48	41	40	45	41	31	31	24	45	50	35	52	61	57	39	32	31	46	61	47	42	50	46	35	29	47	....	4
Corning	Maximum	60	59	61	75	70	64	66	69	69	54	54	44	51	55	59	72	72	73	72	46	61	64	73	73	51	58	57	50	55	60	....	5
	Minimum	48	29	28	31	37	35	38	59	41	32	40	23	31	41	28	56	59	62	39	31	30	38	53	42	38	51	37	37	30	47	....	3
Dardanelle	Maximum	....	....	....	....	....	....	....	....	....	....	82	77	64	64	58	79	72	80	60	52	67	70	77	73	55	68	68	58	62	65	....	6
	Minimum	....	....	....	....	....	....	....	....	....	....	32	25	45	53	37	50	53	48	38	31	32	43	57	49	44	35	40	33	30	48	....	4
Dodd City	Maximum	65	60	63	84	76	80	77	75	70	59	52	52	65	60	61	82	76	72	50	50	68	75	76	72	46	55	57	48	69	69	....	6
	Minimum	42	25	34	36	36	41	39	43	35	29	32	17	37	39	29	51	42	44	26	26	28	36	44	31	34	38	32	31	26	42	....	3
Dumas	Maximum	62	62	60	65	77	80	79	74	65	58	57	57	70	69	67	69	84	79	78	60	71	81	84	70	72	84	69	56	67	69	....	6
	Minimum	46	35	31	34	38	40	44	50	46	41	34	30	40	35	47	58	66	68	42	30	31	52	60	59	46	53	55	36	29	42	....	3
Dutton	Maximum	62	64	64	77	79	74	78	75	61	53	52	52	65	62	70	74	74	70	48	48	63	65	66	67	52	62	61	57	60	59	....	6
	Minimum	49	24	29	31	30	37	35	37	34	28	34	19	31	38	31	50	55	43	31	25	28	40	59	45	39	47	36	30	27	44	....	3
El Dorado	Maximum	75	69	80	83	81	78	80	72	67	63	73	61	75	77	70	74	80	82	80	62	73	81	80	82	68	81	73	62	64	60	....	6
	Minimum	48	39	38	40	47	45	48	57	46	36	38	33	49	52	52	54	67	69	40	30	33	53	62	60	51	52	55	35	35	5	....	4
England	Maximum	75	67	70	80	83	78	84	77	62	62	77	57	61	57	74	87	78	77	57	71	74	83	....	75	61	78	71	55	63	62	....	6
	Minimum	45	35	33	33	39	42	43	45	45	33	38	25	44	51	39	65	68	41	31	31	44	62	....	56	43	46	53	37	31	49	....	4
Eureka Springs	Maximum	63	67	68	80	83	80	80	76	71	59	51	61	70	66	70	80	78	81	50	53	70	70	69	68	58	69	63	60	63	66	....	6
	Minimum	44	32	36	49	45	54	47	54	34	29	42	21	45	43	35	54	59	58	35	28	31	49	50	38	39	48	40	35	39	45	....	4
Fayetteville	Maximum	63	66	65	76	83	77	77	75	65	56	50	58	68	67	68	83	81	70	70	78	73	76	68	69	55	66	62	59	63	61	....	6
	Minimum	46	31	38	46	38	54	48	51	35	28	41	24	38	45	37	55	53	39	30	28	29	53	50	41	42	48	34	29	35	48	....	4
Fort Smith	Maximum	67	68	68	82	77	75	80	78	47	60	57	57	65	65	61	79	74	62	50	55	67	73	71	71	54	67	60	52	63	60	....	6
	Minimum	52	41	42	41	45	50	46	47	36	29	36	30	46	49	43	53	57	40	36	35	37	50	48	52	45	49	40	31	34	50	....	4
Grannis	Maximum	....	....	....	....	....	....	....	....	....	....	66	57	66	67	58	74	84	76	72	55	66	69	78	74	69	72	66	62	59	59	....	6
	Minimum	....	....	....	....	....	....	....	....	....	....	34	28	34	46	44	51	62	70	33	31	36	40	62	57	46	51	49	34	42	48	....	4
Gravette	Maximum	63	67	70	79	80	82	78	77	61	59	58	60	66	62	72	79	67	69	46	58	69	70	69	70	57	68	63	....	64	66	....	6
	Minimum	39	28	29	27	30	35	40	37	35	20	34	19	45	44	46	54	56	39	30	25	30	50	42	36	38	46	36	....	25	51	....	4
Hardy	Maximum	68	68	65	83	....	81	....	67	....	74	57	....	58	60	61	....	83	....	75	....	65	72	79	76	....	59	62	57	65	....	....	6
	Minimum	27	29	32	30	....	35	....	26	....	30	35	....	20	40	27	....	53	....	38	....	36	36	57	38	....	46	37	36	25	....	....	3
Hope	Maximum	74	70	75	81	83	80	84	80	65	60	73	60	62	70	60	77	85	84	62	63	73	80	83	71	70	82	73	66	65	70	....	6
	Minimum	43	41	40	35	34	41	41	55	40	28	34	32	34	51	45	50	70	58	36	35	33	....	....	....	....	....	52	37	33	53	....	4
Hot Springs	Maximum	....	....	....	....	....	....	....	....	....	....	75	69	61	64	55	62	64	58	74	81	77	67	60	68	70	73	68	55	74	70	62	61	64	....	6
	Minimum	....	....	....	....	....	....	....	....	....	....	75	64	61	64	55	62	64	58	74	81	77	67	60	68	70	73	68	55	74	70	62	61	64	....	6
Huttig	Maximum	74	72	74	83	83	83	83	81	70	73	75	68	79	80	72	77	82	84	85	65	75	83	84	83	77	82	76	63	67	67	....	6
	Minimum	49	40	35	35	40	49	42	45	40	40	32	33	44	65	55	57	70	70	44	32	33	47	60	55	53	59	59	37	30	51	....	4
Jonesboro	Maximum	69	65	70	79	73	72	75	79	70	59	62	55	52	58	61	77	70	76	75	53	68	71	80	70	52	70	60	57	64	66	....	6
	Minimum	50	36	33	35	45	42	45	44	42	31	42	26	39	47	36	57	59	62	40	33	32	43	58	45	40	47	39	38	32	48	....	4
Junction	Maximum	75	71	68	73	78	77	78	76	67	64	72	76	78	64	67	68	76	78	69	66	68	70	71	72	74	78	67	66	64	66	....	6
	Minimum	50	43	36	38	44	42	43	43	38	29	30	38	47	40	44	48	45	46	36	38	41	40	43	45	47	46	42	40	30	49	....	4
Little Rock	Maximum	70	63	67	75	76	76	78	73	62	57	62	53	57	60	53	74	81	78	54	53	68	72	75	72	54	75	65	53	59	63	....	6
	Minimum	51	42	43	43	50	49	53	53	44	36	39	31	48	49	43	52	63	50	41	36	39	52	64	49	42	49	42	37	35	50	....	4
Lutherville	Maximum	70	66	68	77	79	77	80	75	69	55	58	54	65	63	58	79	75	75	74	57	61	68	74	75	59	63	63	52	58	60	....	6
	Minimum	50	37	43	42	50	50	49	52	39	30	39	37	43	49	43	49	59	41	35	34	37	48	60	46	42	46	39	31	35	47	....	4
Malvern	Maximum	66	68	78	72	75	76	78	76	69	56	68	61	59	60	61	74	80	75	73	54	64	73	76	74	65	72	73	56	55	60	....	6
	Minimum	42	35	36	32	37	43	42	50	47	34	36	30	45	54	43	51	57	68	40	30	31	45	63	59	45	50	51	30	29	47	....	4
Mammoth Spring	Maximum	66	62	65	79	73	71	71	73	71	56	53	49	59	61	61	80	76	75	60	49	64	69	77	75	49	57	57	55	64	68	....	6
	Minimum	55	27	42	39	33	35	35	38	49	29	35	20	38	38	27	53	60	58	38	29	28	35	54	47	38	45	37	37	26	45	....	4
Marianna §§	Maximum	69	64	66	75	73	75	78	68	60	54	64	54	57	55	57	69	79	80	79	56	67	69	79	76	64	78	72	55	61	66	....	6
	Minimum	41	37	40	37	43	44	41	48	45	35	38	28	40	39	42	56	64	68	44	33	31	46	57	59	42	49	53	39	33	48	....	4
Marked Tree §§	Maximum	64	70	78	77	71	77	77	49	59	68	57	51	66	70	76	77	80	54	59	63	72	80	83	58	77	60	57	64	63	63	....	6
	Minimum	35	31	36	33	39	42	44	46	37	37	25	25	47	39	35	50	60	43	32	30	31	50	58	40	42	50	39	31	32	48	....	4
Marshall	Maximum	65	62	64	76	75	74	76	75	68	58	52	51	67	61	61	77	77	74	55	53	63	69	75	70	53	67	60	51	64	67	....	6
	Minimum	39	34	38	46	46	52	50	56	40	34	46	25	45	46	38	52	60	55	35	30	39	50	63	47	39	48	40	35	36	47	....	4
Mena	Maximum	62	67	66	77	80	70	81	76	64	60	62	60	67	67	68	72	76	74	52	56	62	65	75	70	55	71	64	60	64	66	....	6
	Minimum	56	39	41	41	49	56	45	47	39	27	38	29	51	53	44	56	64	46	34	30	33	48	64	55	45	52	46	32	36	48	....	4
Morrilton	Maximum	71	65	69	78	76	72	78	72	65	65	61	54	60	61	54	77	77	76	59	59	66	69	75	71	55	69	68	53	59	65	....	6
	Minimum	51	35	39	33	41	42	41	....	44	34	36	35	46	36	47	50	59	57	40	35	34	45	58	49	42	50	45	35	30	47	....	4
Mountain Home	Maximum	68	64	68	85	76	82	79	75	76	76	54	53	65	62	61	82	79	75	50	50	67	76	79	70	48	60	58	54	68	68	....	6
	Minimum	49	28	34	35	36	39	38	40	38	28	35	17	32	42	30	52	59	48	33	27	28	53	57	45	38	42	36	34	25	41	....	4
Mount Ida	Maximum	72	72	73	82	82	68	81	79	66	50	67	57	63	65	57	75	88	76	57	58	70	73	77	72	58	76	69	64	64	67	....	6
	Minimum	45	30	40	29	32	37	35	38	42	25	26	22	46	54	30	52	64	53	39	35	26	41	65	57	47	46	50	24	25	46	....	4
Nail	Maximum	62	64	65	64	65	64	76	72	67	54	49	49	59	64	59	74	69	66	50	54	57	60	65	62	44	57	57	56	60	56	....	6
	Minimum	46	48	37	40	42	43	54	55	32	27	38	24	38	43	40	47	55	50	29	32	39	40	42	40	39	42	32	28	32	43	....	4
Newport	Maximum	70	64	67	78	71	70	75	74	65	56	51	52	58	60	73	71	78	75	48	63	68	75	76	72	52	70	63	55	61	65	....	6
	Minimum	61	38	31	35	44	41	50	44	43	43	39	26	42	47	35	53	59	62	40	33	32	41	66	49	41	47	38	41	33	46	....	4
Osceola	Maximum	62	60	58	62	64	63	64	64	62	60	66	64	68	68	68	75	74	78	76	74	72	73	70	75	73	76	75	73	71	70	....	6
	Minimum	50	35	32	35	40	42	44	48	42	38	26	34	34	36	36	60	60	54	42	34	30	42	60	40	60	48	40	31	48	48	....	4
Ozark	Maximum	68	70	72	81	78	79	78	78	74	59	56	54	65	66	59	78	78	77	55	52	66	67	69	74	67	66	62	54	61	61	....	6
	Minimum	56	34	41	36	39	42	44	44	43	28	35	27	47	54	39	53	60	46	38	32	39	45	46	51	45	48	41	33	31	45	....	4
Pine Bluff	Maximum	69	65	65	75	75	74	77	75	71	56	61	59	64	56	59	73	82	80	74	52	68	79	79	75	68	78	73	56	62	63	....	6
	Minimum	50	40	36	37	45	48	49	51	46	35	37	30	42	44	44	53	64	66	41	34	35	51	64	62	45	49	55	33	33	49	....	4
Pocahontas	Maximum	68	65	69	83	75	76	77	78	71	58	57	51	57	59	62	79	75	75	74	50	66	69	76	71	50	59	57	57	61	65	....	6
	Minimum	53	35	31	32	41	38	41	42	42	32	39	24	37	43	34	54	58	62	38	32	30	38	53	46	39	47	38	36	29	45	....	4
Portland	Maximum	72	65	75	79	82	81	82	75	66	61	72	67	74	82	72	76	79	85	80	60	75	82	84	84	74	81	70	58	66	70	....	6
	Minimum	47	40	35	36	42	47	45	54	47	42	33	30	42	60	53	62	72	71	45	33	34	47	57	55	49	49	57	37	31	46	....	4
Rison	Maximum	71	68	69	78	81	77	80	75	66	62	68	63	69	65	57	73	82	80	79	55	71	80	82	81	69	80	74	59	65	65	....	6
	Minimum	45	38	42	36	44	48	46	46	46	32	37	28	44	53	44	53	65	67	40	30	32	52	62	59	44	49	54	35	31	53	....	4
Rogers	Maximum	59	65	64	77	80	79	82	77	62	59	52	59	68	67	69	78	75	62	45	53	68	71	69	69	58	69	62	54	64	63	....	6
	Minimum	46	29	34	38	58	39	39	42	35	25	40	21	39	45	35	52	60	40	31	27	29	44	50	40	41	42	38	32	28	49	....	4
Searcy	Maximum	74	67	72	80	75	71	80	75	64	58	66	51	56	60	56	73	76	77	75	75	68	78	75	70	52	70	68	53	60	64	....	6
	Minimum	42	36	33	36	39	41	41	42	45	32	33	23	43	50	40	54	60	62	40	34	32	47	57	47	42	47	45	38	31	46	....	4
Stuttgart	Maximum	73	65	69	79	80	77	82	73	63	58	68	56	62	57	55	72	83	79	79	52	68	78	82	77	64	78	72	55	62	65	....	6
	Minimum	47	33	34	34	38	46	41	50	46	31	36	28	43	51	39	55	63	68	41	31	32	49	60	60	43	47	54	37	30	49	....	4
Subiaco	Maximum	71	70	70	81	80	76	81	80	67	61	59	58	65	65	59	81	78	80	54	56	68	70	77	74	55	66	63	56	61	63	....	6
	Minimum	52	36	43	38	42	46	44	47	42	31	36	27	45	53	43	51	60	49	37	32	33	46	54	52	44	46	44	32	31	47	....	4
Texarkana	Maximum	76	74	74	82	84	76	82	79	70	64	73	71	81	77	64	82	84	83	70	63	72	74	82	77	72	80	74	68	68	68	....	6
	Minimum	48	45	45	37	45	48	45	55	47	31	35	35	53	51	47	52	70	70	37	34	35	54	67	62	53	52	52	38	35	50	....	4
Umphers	Maximum	67	64	63	80	75	75	80	74	68	58	60	55	58	60	56	72	70	65	77	65	65	69	74	72	67	69	64	59	60	65	....	6
	Minimum	51	51	41	46	....	46	61	53	40	32	46	31	35	45	40	51	60	57	59	33	33	33	42	41	42	43	40	31	31	32	....	4
Warren	Maximum	73	67	71	77	80	79	79	75	66	61	73	59	71	68	61	73	80	81	60	57	71	79	81	79	71	79	71	57	64	65	....	6
	Minimum	54	40	35	37	44	50	42	54	48	36	38	30	46	57	49	59	65	69	42	33	34	51	64	60	48	45	57	38	32	48	....	4
Wynne	Maximum	72	63	63	78	75	70	78	74	64	57	65	66	52	58	58	72	73	79	53	55	65	70	78	74	58	78	70	55	63	65	....	6
	Minimum	47	30	31	34	36	60	45	52	42	31	40	24	42	50	39	46	60	60	42	34	32	35	35	60	41	48	40	38	32	48	....	4

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

OL. XXVI. LITTLE ROCK, Ark., DECEMBER, 1921. No.12.

GENERAL SUMMARY.

The month of December was marked by light precipitation d high temperatures. The average precipitation for December s frequently been less than during the past month, but the an temperature, 47.1°, has been exceeded only once since te-wide records have been kept. In December, 1918, the mean mperature was 47.6°, 0.5° higher than during the past month. e warm dry weather was favorable for outdoor work and en- led farmers to do considera le fall plowi Winter tr k was ntiful in central and southern portions of the State until the h when a cold wave, overspreading the State, brought tem- ratures ranging from 11° in the northwestern to about 25° in southern counties.

A tornado occurred near Clakedale, Crittenden County, about 00 p. m. December 23d during which six lives were lost, 15 rsons seriously injured, a plantation store building, cotton gin, rehouse, a number of residences, and 40 or more tenant hous- wrecked. The property damage in Arkansas is estimated at 50,000.

W. C. H.

TEMPERATURE.

The monthly mean temperature for the State, as determined the records of 55 stations, was 47.1°, or 5.0° above the De- ber normal, all stations showing positive departures. The hest monthly mean was 53.4°, recorded at Texarkana; the est, 41.4°, at Bentonville. The highest temperature record- during the month was 82°, at Mount Ida on the 13th; the est, 11°, at Dutton and Nail on the 25th. The greatest daily ge was 53°, at Dodd City on the 27th.

PRECIPITATION.

The monthly mean precipitation for 69 stations reporting in ember was 2.78 inches, or 1.31 inches less than the Decem- normal. Light snowfall was reported at a few northern and tern stations, but practically all the precipitation fell as rain. w scattered stations measured slightly more than the normal ipitation, but in most counties the month was drier than average. The precipitation totals ranged from 5.16 inches at nas to 1.35 inches at Magnolia. The greatest amount meas- l in 24 consecutive hours was 2.90 inches at Camden on the The average number of rainy days was 6.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.12	30.57	25	29.67	11	3,079	19	s.	30	.....	.....	42
Fort Smith...	30.12	30.56	25	29.49	1	6,843	39	sw.	23	80	67	49
Little Rock..	30.12	30.58	25	29.49	1	6,843	39	nw.	17	77	65	46
Memphis....	30.16	30.58	25	29.57	1	6,839	40	sw.	24	76	67	45

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 1st, 5; 16th, 1; 17th, 3; 23d, 10; 24th, 8.
Dense Fog:– 9th, 1; 20th, 2; 22d, 3.
Lunar Halos:– 11th, 1; 12th, 2; 15th, 5.
Solar Halos:– 11th, 2; 26th, 1; 27th, 1.
Sleet:– Grannis, 24th.
Light Hail:– 1th, 1; 2d, 2; 3d, 1; 23d, 2.
Glaze:– Gravette, 21st.

Delayed Report: Magnolia, November, 1921. Mean temperature 59.1°. Total precipitation, 2.32 inches. Number rainy days 4, clear 8d, partly cloudy 10d, cloudy 8d.

COMPARATIVE DATA FOR ARKANSAS---- DECEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
*Normal**	*42.1*		*79*	*3*	*4.09*		*13*	*6*	*13*	*7*
1891.....	46.9	+4.8	72	13	4.69	+0.63	14	7	10	7
1892.....	40.9	−1.2	83	− 7	8.79	+4.70	7	6	18	10
1893.....	45.4	+3.3	79	3	1.83	−2.26	14	8	9	5
1894.....	44.6	+2.5	82	−11	3.48	−0.61	14	6	11	6
1895.....	43.8	+1.7	78	5	3.96	−0.13	13	6	12	7
1896.....	45.8	+3.7	81	8	0.84	−3.25	8	7	16	8
1897.....	40.3	−1.8	86	10	6.00	+1.91	10	5	16	8
1898.....	39.5	−2.6	76	− 4	1.87	−2.22	16	6	9	5
1899.....	41.0	−1.1	74	8	4.08	−0.01	15	7	9	7
1900.....	44.9	+2.8	82	10	2.76	−1.33	16	6	9	5
1901.....	38.5	−3.6	87	− 6	4.42	+0.33	12	6	13	6
1902.....	40.8	−1.3	86	5	5.71	+1.62	10	6	15	8
1903.....	39.7	−2.4	74	6	3.44	−0.65	18	5	8	6
1904.....	42.9	+0.8	80	3	5.10	+1.01	12	7	12	7
1905.....	38.5	−3.6	70	7	4.96	+0.87	14	5	12	9
1906.....	46.5	+4.4	83	10	5.64	+1.55	8	7	16	8
1907.....	44.4	+2.3	85	11	2.70	−1.39	12	6	13	7
1908.....	46.0	+3.9	82	11	1.50	−2.59	13	7	11	5
1909.....	35.3	−6.8	82	1	5.26	+1.17	14	6	11	9
1910.....	40.8	−1.3	75	9	3.57	−0.52	13	6	12	6
1911.....	43.0	+0.9	78	3	7.00	+2.91	10	7	14	12
1912.....	41.7	−0.4	76	8	2.63	−1.46	14	7	10	7
1913.....	43.6	+1.5	77	14	3.26	−0.83	7	7	17	9
1914.....	36.1	−6.0	70	−11	6.26	+2.17	8	4	19	12
1915.....	43.9	+1.8	77	11	4.73	+0.64	12	4	15	7
1916.....	42.1	0.0	82	−16	3.35	−0.74	14	6	11	6
1917.....	34.8	−7.3	81	−21	1.29	−2.80	13	6	12	3
1918.....	47.6	+5.5	88	9	5.62	+1.53	14	5	12	7
1919.....	40.4	−1.7	78	1	1.94	−2.15	13	4	14	5
1920.....	43.2	+1.1	74	6	5.95	+1.86	13	5	13	8
1921.....	47.1	+5.0	82	11	2.78	−1.31	13	6	12	6

* Based on 30 years record.

Climatological Data for December, 1921.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit: Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches: Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days: With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	28	46.2	+ 3.2	79	12	18	18†	4	3.83	−0.44	1.70	0	6	17	0	14	n.	Albert Dillard.
Arkadelphia	Clark	160	25	.....	.....	.....	.....	.....	.....	.....	4.02	−1.07	0.95	0	6	17	0	14	n.	F. J. Carpenter.
Arkansas City	Desha	145	37	.....	.....	.....	.....	.....	.....	.....	4.54	−0.46	1.11	0	9	14	2	15	e.	Geo. E. Payne.
Batesville	Independence	277	22	43.0	+ 2.7	74	13	18	18	40	3.42	−0.33	1.84	0	5	14	0	17	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	29	44.9	+ 2.5	72	13	15	25	38	2.75	−1.00	1.00	0	5	8	11	12	sw.	J. E. Scanlan.
Bentonville	Benton	1303	15	41.6	+ 4.1	72	13	14	25	39	1.86	−0.90	1.16	.04	7	10	6	15	n.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	19	.....	.....	.....	.....	.....	.....	.....	3.75	+0.19	2.45	0	6	17	0	14	n.	Vernon C. Howe.
Booneville	Logan	925	7	49.0	.....	76	15	16	25	32	1.42	.....	1.11	0	6	18	3	10	w.	Supt. Tuberculosis Sa
Brinkley	Monroe	226	39	48.4	+ 5.1	78	14	23	18	37	2.76	−2.26	1.34	0	6	18	0	15	n.	H. L. D. Whitson.
Calico Rock	Izard	361	17	43.2	.....	79	13	20	25	45	1.82	−1.04	0.81	0	9	14	5	12	nw.	J. M. Richardson.
Camden	Ouachita	158	35	48.4	+ 3.0	78	13	20	18	44	4.74	−0.06	2.90	0	9	10	4	17	n.	A. B. Quarterman.
Centerpoint	Howard	470	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clarendon	Monroe	171	17	.....	.....	.....	.....	.....	.....	.....	3.19	−2.33	1.80	0	7	6	5	20	n.	J. W. Bishop
Clinton	Van Buren	550	0	.....	.....	.....	.....	.....	.....	.....	3.02	.....	1.04	0	6	12	5	14	w	Dr. R. M. Hunter
Conway	Faulkner	309	37	47.3	+ 5.1	73	13	20	25	40	3.62	−0.44	2.13	0	5	12	11	8	s.	E. E. Cordrey.
Corning	Clay	293	21	43.2	+ 2.2	66	23†	22	18†	36	2.43	−1.07	1.35	0	6	15	2	14	w.	Rev. N. E. Skinner.
Danville	Yell	337	6	.....	.....	.....	.....	.....	.....	.....	2.13	.....	1.50	0	4	11	2	18	nw	L. R. Avera.
Dardanelle	Yell	330	35	47.1	+ 6.8	73	23	19	25	34	1.55	−1.71	1.20	0	2	15	1	15	n	J. D. Riley
Dodd City	Marion	1175	39	43.1[c]	+ 4.2	75[c]	13	14[c]	24†	53[c]	1.81	−1.21	0.80	T.	6	9[c]	10[c]	9[c]	nw	Neal Dodd.
Dumas	Desha	162	14	48.8	+ 3.2	77	2	22	18	38	5.16	−0.22	1.50	0	14	7	12	12	.....	Sen. Johnson.
Dutton	Madison	1590	19	43.2	+ 5.8	72	13	11	25	41	3.31	+0.36	1.67	0	8	10	9	12	n	C. M. Ricketts
El Dorado	Union	265	17	52.6	+ 7.2	77	20	26	18†	33	2.49	−3.35	0.90	0	8	11	10	10	n	Mrs. Virgil N. Walls.
England	Lonoke	229	14	48.6	+ 6.3	73	13	23	18	38	2.46	−2.13	0.60	0	9	18	1	12	.....	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	19	44.4	+ 5.8	72	13	13	25	37	2.51	+0.27	1.03	T.	5	9	12	10	nw	George W. Nicholds.
Fayetteville	Washington	1451	35	43.7[a]	+ 4.3	71[a]	13	13[a]	25	38[b]	2.92	+0.31	1.72	0	2	6[b]	10[b]	13[b]	w.	University of Arkansa
Fort Smith	Sebastian	481	39	45.2	+ 3.5	72	13	19	25	35	2.23	−0.65	1.53	T.	4	8	8	15	.....	U. S. Weather Bure
Fulton	Hempstead	264	35	.....	.....	.....	.....	.....	.....	.....	3.09	−0.43	1.27	0	6	14	3	14	.....	L. J. Logan.
Georgetown	White	200	8	.....	.....	.....	.....	.....	.....	.....	2.69	.....	1.35	'	8	9	9	13	.....	R. L. Bailey.
Gillett	Arkansas	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grannis	Polk	921	3	49.5	.....	78	15	18	25	44	2.86	.....	2.02	T.	7	17	3	11	n.	W. E. Mc Vay.
Gravette	Benton	1250	23	42.1	+ 4.9	73	13	14	25	41	1.50	−0.64	0.80	T.	4	8	7	16	sw.	A. F. Stevens.
Hardy	Sharp	643	24	45.0[f]	+ 6.0	71[f]	6†	15[f]	19	50[f]	2.00	−1.38	1.30	0	3	11[f]	6[f]	8[f]	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	50	.....	.....	.....	.....	.....	.....	.....	3.54	−1.54	0.94	0	9	14	3	14	n.	James A. Burnett.
Higden	Cleburne	445	3	.....	.....	.....	.....	.....	.....	.....	3.46	.....	1.05	0	6	11[c]	13[c]	4[c]	sw.	Arthur Cross.
Hope	Hempstead	377	49	51.2[a]	+ 4.6	80[a]	13	22[a]	18	40[a]	3.05	−1.40	1.40	0	7	17[a]	3[a]	10[a]	n.	N. P. O'Neal.
Hot Springs	Garland	600	28	48.6	+ 4.2	79	13	20	25	41	3.62	−0.68	0.88	0	10	16	3	12	n.	L. M. Macrae.
Huttig	Union	.....	14	53.3[a]	+ 7.2	80[a]	3	26[a]	26	44[a]	3.21	−1.92	1.00	0	6	13[a]	4[a]	13[a]	n	L. Collett.
Jonesboro	Craighead	345	26	46.6	+ 6.2	72	13	22	18	36	1.93	−1.25	1.25	0	4	18	5	8	s.	Benedictine Sisters
Junction‡‡	Union	182	28	51.7	+ 6.2	78	20	23	18	40	1.78	−2.20	0.93	0	3	19	6	6	n.	J. A. Lowderback.
Little Rock	Pulaski	286	42	48.0	+ 4.5	75	13	21	25	32	2.58	−1.66	1.14	0	7	9	8	14	s.	U. S. Weather Bur a
Lutherville ‡‡	Johnson	775	24	47.0	+ 6.4	69	13	16	25	40	2.81	−0.81	1.30	0	4	18	2	11	e.	H. Kauffeld.
Magnolia	Columbia	315	3	.....	.....	.....	.....	.....	.....	.....	1.35	...	0.65	0	5	7[b]	9[b]	7[b]	s	State Agriculture Sch
Malvern	Hot Springs	277	38	47.9	+ 4.0	75	14	20	18†	33	4.78	+0.22	1.80	0	7	7	8	16	sw	Mrs. Kate L. Smith
Mammoth Spring	Fulton	512	16	43.2	+ 5.2	70	13†	17	18	40	1.99	−0.59	0.50	0	5	16	1	14	nw	W. S. Vincent.
Marianna	Lee	235	12	48.0	+ 5.8	73	13	24	18	36	2.59	.....	1.32	0	8	12	10	9	se.	C. F. Houck.
Marked Tree	Poinsett	229	16	44.7	.....	73	12	25	24†	36	2.60	−1.73	1.43	0	5	12	10	9	se.	Charles Walton.
Marshall	Searcy	1083	6	46.6[a]	.....	72[a]	13	17[a]	25	44[a]	1.79	.....	1.02	0	5	9	15	7	nw.	W. F. Reeves.
Mena	Polk	1208	33	47.5	+ 4.9	70	23	17	25	33	2.74	−1.39	1.75	0	7	19	3	9	w.	E. W. St. John
Morrilton	Conway	347	1	47.0	.....	71	23	19	25	39	3.20	.....	1.38	0	5	4	16	11	e.	J. W. Jackson.
Mountain Home	Baxter	800	7	44.4	.....	76	13	16	18†	41	2.89	.....	1.05	0	6	14	1	16	w.	H. S. Halbert.
Mount Ida	Montgomery	730	23	46.5	.....	82	13	15	18	47	2.73	−1.58	1.56	0	6	12	4	15	sw.	G. A. Whittington.
Murfreesboro	Pike	367	5	.....	.....	.....	.....	.....	.....	.....	2.80	.....	0.97	0	4	12	9	10	e.	Henry A. Davis.
Nail	Newton	2233	28	43.3	+ 6.1	70	13	11	25	43	2.05	−1.54	1.00	T.	6	13	5	13	n.	Charles Paxton.
Newport	Jackson	231	37	46.3	+ 5.0	71	14	21	25	38	1.53	−2.29	0.62	0	5	13	6	12	n.	George L. Robinson
Okay	Pope	1700	6	.....	.....	.....	.....	.....	.....	.....	2.03	.....	1.43	0	4	11	8	12	s.	U. S. Forest Service
Osceola	Mississippi	240	21	51.2	+ 8.0	72	13	26	25	38	3.05	−1.05	1.20	0	5	9	9	13	s.	Atwood P. Smith.
Ozark	Franklin	377	25	46.8	+ 4.6	72	14	18	25	40	2.00	−1.31	1.50	0	4	5	1	25	nw	Isham Burrow.
Patterson	Woodruff	196	5	.....	.....	.....	.....	.....	.....	.....	1.45	.....	0.75	0	3	12	0	19	n	W. E. Baker.
Pine Bluff	Jefferson	215	37	49.8	+ 5.1	75	20	23	18	45	3.27	−1.90	1.50	0	8	15	0	16	n	Roy F. Hammond.
Pocahontas	Randolph	300	29	45.0	+ 5.6	72	13	19	18	40	2.99	−0.63	1.50	0	5	9	10	12	s.	Benedictine Sisters
Portland	Ashley	122	15	52.4	+ 5.4	78	3	25	18	35	4.23	−1.54	1.47	0	7	12	10	9	s.	W. E. Edmiston.
Prescott	Nevada	327	39	50.4[1]	+ 6.6	79[1]	13	22[1]	18†	38[1]	.....	.....	.....	0	.....	12[1]	4[1]	5[1]	n.	O. J. Stephenson.
Princeton	Dallas	287	14	.....	.....	.....	.....	.....	.....	.....	3.43	−2.22	0.95	0	6	16	0	15	ne.	Foote Coleman
Rison	Cleveland	243	17	51.0	+ 5.5	77	13	21	18	36	3.17	−0.59	1.28	0	7	12	8	11	sw	Geo. H. Tisdale
Rogers	Benton	1385	30	43.0	+ 4.6	67	6	14	25	37	2.10	−0.06	0.72	T.	5	11	6	14	n.	Carl A. Starck
Searcy	White	236	8	46.6	.....	74	13	21	18	39	1.94	.....	1.00	0	9	16	2	13	ne	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	9	.....	.....	.....	.....	.....	.....	.....	3.47	−1.46	1.00	0	6	13	5	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	33	48.2	+ 4.4	75	13	23	18	37	2.79	−2.10	1.24	0	8	15	3	13	sw.	H. A. Buerkle.
Subiaco	Logan	1050	24	48.8	+ 7.1	71	13	18	25	34	1.46	−1.55	1.12	0	4	9	13	9	w.	New Subiaco Abbey
Texarkana	Miller	332	39	53.4	+ 6.8	80	13	24	18†	34	3.79	+0.24	1.08	0	7	17	7	7	n.	H. S. Brashear.
Umphers ‡‡	Yell	2000	4	48.0	.....	76	13	16	25	41	2.41	.....	1.26	0	6	16	0	15	s.	U. S. Forest Service.
Waldron	Scott	675	2	.....	.....	.....	.....	.....	.....	.....	2.42	.....	1.32	0	7	10	6	15	nw.	Dr. Cheves. Bevil.
Warren	Bradley	206	2	50.6	+ 6.3	75	20†	23	18†	29	2.99	−2.59	0.90	0	4	11	9	11	n.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	.....	13	3	15	sw.	Miss Eulola M. Schi
Wynne	Cross	250	13	45.8	+ 5.5	72	13	25	18	33	3.80	−0.98	2.10	0	6	24	0	7	n.	J. M. Larkan.
State Means and Extremes				47.1	+ 5.0	82	13	11	25	53	2.78	−1.31	2.90	T.	6	13	6	12	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete ing section means. T. Precipitation is less than 0.01 inch rain or melted snow ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], app in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Ju Randolph, La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for December, 1921.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	.75		.12					.35								.46	.45						1.70									3.83
Arkadelphia	do		.90						.42	.15							.70	.90							.95								4.02
Arkansas City	Mississippi	T.	.76		.45				.52	.20	T.						T.	1.11	.52		.04	T.		T.	.90					.04			4.54
Batesville	White	.01	.29		T.				T.	T.							.78	.50	T.					1	1.84								3.42
Bee Branch	Arkansas	1.00															.40	.35						.10	.90								2.75
Bentonville	do	1.16	.01	.03				T.									.20	T.					.23	.22	.01								1.86
Black Rock	White	.05	.23														.05	.94						.03	2.45								3.75
Booneville	Arkansas	1.11	.02						.07								.07	.02							.13								1.42
Brinkley	White		.68		.12				.14								.42	.06							1.34								2.76
Calico Rock	do	.01	.81		.01				.05	.04							.14	.30						.07	.39								1.82
Camden	Ouachita	.02	1.03		.05				.56	.02	.01						.01	.14							2.90								4.74
Centerpoint	LittleRiver																																
Clarendon	White	T.	.38		.17				.22								.30	.30					T.	.02	1.80								3.19
Clinton	do	1.04		.20													.15	.40						.30	.93								3.02
Conway	Arkansas	.84	.06					.08									.51								2.13								3.62
Corning	White	.08							.05								.40	.50						.05	1.35								2.43
Danville	Arkansas	1.50	.20	T.					T.								.15								.06								2.13
Dardanelle	do	1.20																.35															1.55
Dodd City	White	.80	.24	.24	.05				.02								T.	.46															1.81
Dumas	Arkansas	.70	.05	.18				.03	.45	.04	.02						.65	.50		T.	.02		.01	1.50	1.00					.01			5.16
Dutton	White	1.67		.15	.03				.04								.24	.47					.01	.70									3.31
El Dorado	Ouachita	.07	.11	.12	.05			T.	.80	T.							.32	.12						T.	.90								2.49
England	Arkansas	.33	.13	.02					.28	T.							.28	.42					.05	.35	.60								2.46
Eureka Springs	White	1.03	.13		T.			T.								.40							.15	.80									2.51
Fayetteville	do	1.20																						1.72									2.92
Fort Smith	Arkansas	1.53		.03					T.								.21					T.	T.	.46	T.								2.23
Fulton	Red	1.27		.13					.45	T.							.68	.20					T.		.36								3.09
Georgetown	White		.35		.16				.06	.01							.45	.28						.03	1.35								2.69
Gillett	Arkansas																																
Grannis	Red	2.02		T.				.13	.12								.03	.47			.02		T.	.07	T.								2.86
Gravette	White	.80				T.		T									.40	T.				T.	.08	.22	T.								1.50
Hardy	do	.30		T.													.40								1.30								2.00
Helena	Mississippi		.66		.06				.36	.10							.10	.70	.56		T		T.	.06	.94								3.54
Higden	White	1.10	.08												.08		.75							.05	1.40								3.46
Hope	Red	.90	.29				.41	T.	T.								1.05				.04			.06	.30								3.05
Hot Springs	Ouachita	.83	.17	02				.07	.17								.76	.23					.06	.43	.88								3.62
Huttig	do	1.00	.18	.08					.70									.85							.40								3.21
Jonesboro	White	.09		.07							T.						.52							T.	1.25								1.93
Junction	Ouachita							.93									.48							.37									1.78
Little Rock	Arkansas	.68		T.				.02	.06								.83	.31			T.		.05	.63									2.58
Lutherville	do	1.30	.08																					.18	1.25								2.81
Magnolia	Red	.50						.65		.04					14							.02											1.35
Malvern	Ouachita		1.80						.37	.27							.74	.70					T.	.10	.80								4.78
Mammoth Spring	White	.50															.48	.37						.15	.49								1.99
Marianna	Mississippi	.31	.21		.16				.17								.24	.16					.02		1 32								2.59
Marked Tree	St. Francis		.42		.45				.04								T.	.26						T.	1.43								2.60
Marshall	White	1.02		.12					.03									.22						T.	.40								1.79
Mena	Ouachita	1.75	.25		.02													.48					.05	.03	.16								2.74
Morrillton	Arkansas	1.09				.05											.30	.38							1.38								3.20
Mountain Home	White	1.05	.14	.17					.03								T.	.55							.95								2.89
Mount Ida	Ouachita	1.56															.08	.42					.07	.25	.35								2.73
Murfreesboro	do			.97				.63					.87					.33															2.80
Nail	White	1.00		.15				T									T.	.10					.10	.20	.50								2.05
Newport	do		.16						.08								.06	.62							.61								1.53
Okay	Arkansas	1.42	T.	.10														.21							.30								2.03
Osceola	Mississippi	.15		.45				T.									T.	.80					T.	.45	1.20								3.05
Ozark	do	1.50	.04															.24							.22								2.00
Patterson	White		.20															.50							.75								1.45
Pine Bluff	Arkansas		.44		.08				.28	.15							.41	.36							.05	1.50							3.27
Pocahontas	White	.20															.50	.60						.10	1.50								2.90
Portland	Ouachita	.60		.49				.06	.70								1.47	.15							.76								4.23
Prescott	do									1.10							.70	.45			.10			T.	1.05					T.			
Princeton	Ouachita		.89						.29		.30						.45	.55							.95								3.43
Rison	do	.45	.14						.42		.33						.34	.21							1.28								3.17
Rogers	Arkansas	.72	.16					T.										.42					T.	.18	.62	T.							2.10
Searcy	White	.26	.16					.01	.04								.27	.15					.03	.02	1.00								1.94
Springbank	Red	1.00	.50						.63	.10							.50	T.					T.	T	.74								3.47
Stuttgart	Arkansas	.25	.04	.09				.31									.52	.26						.08	1.24								2.79
Subiaco	do	1.12		.03																				.22	.09								1.46
Texarkana	Red	1.08	.08					.38	.42								.73	.10						T	1.00								3.79
Umphers	Arkansas	1.26			.10				.20								.05						.25		.55								2.41
Waldron	do	1.32	T.	T	.02			T.	.09								.06	.45						.14	.34								2.42
Warren	Ouachita	.67	T.	T.				T	.90	T.							.75	T.							.67								2.99
Whitecliffs	Red		T.					T.	T.								.10								.80								
Wynnell	St. Francis		.40														.30	.40					.20	.40	2.10								3.80

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for Deceember, 1921.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.6	5.8	5.8	5.1	4.2	3.8	3.7	3.6	3.5	3.5	3.4	3 4	3.3	3.2	3.2	3.2	3.2	3.1	3 1	3.1	3.0	3.0	3.9	3.0	3.0	3.1	3.1	3.1	3.2	3 2	3.2
Dardanelle	do	20	1.9	3.6	4.2	5.1	4.7	4.5	3.0	2.8	2.5	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	1.0	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
Little Rock	do	23	2.0	1.8	3.3	5.0	5.6	5.4	4.7	3.7	2.8	2.2	1.8	1.4	1.2	1.0	0.8	0.6	0.5	0.4	0.5	0 5	0.2	0.2	0.0	0.6	1.5	2.0	1.7	1.2	1.0	0.7	0.5
Pine Bluff	do	25	6.8	6.3	5.9	7.0	8.5	9.1	8.9	8.2	7.5	6.7	6.3	5.9	5.7	5.4	5.2	5.1	5.0	4.9	4.8	4.8	4.7	4.6	5.0	5.4	5.5	5.6	5.9	5.7	5.6	5.1	4.9
Black Rock	Black	14	13.8	13.6	13.5	13.0	12 7	11 5	11.5	11.0	10.5	9.5	9.0	8.0	7.0	6 5	6.0	6.0	6.0	6.0	5.9	5.7	5.5	5.1	4.7	8.5	8.3	7.8	7.5	7.5	7.5	6.8	6.5
Calico Rock	White	18	1.9	3.1	3.5	3.7	3.5	3.1	2.9	3.1	2.8	2.6	2.5	2.2	2.1	2.0	2.0	1.2	1.1	0.8	1.0	1.1	0.7	0.5	1.8	1.6	1.3	2.2	2.4	1.4	1.8	1.9	1.4
Batesville	do	23	7.6	8.2	8.9	9.3	9.2	8.9	8.5	8.4	8.3	8.0	7.8	7.7	7.4	7.4	7.2	7.2	6.8	6.5	6.1	6 6	6.3	5.9	5.9	10.5	8 0	7.2	8.0	7.8	7.3	7.3	7.3
Newport	do	26	11.4	11.1	10.5	10.3	10.0	9 8	9.8	9.7	9.5	9.4	9.1	8,9	8.8	8.6	8.1	7.9	7.7	7.6	7.4	7.2	6.9	6.8	6.8	6.9	7.1	7.6	7.6	7.6	7.4	7.1	7.0
Georgetown	do	22	17.8	17.5	17.3	17.4	17.3	16.9	16.6	15.8	15.4	14.8	14.0	13.5	11.9	10 9	10.0	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6 4	6.3	8.0	10.5	11.4	11.2	10.8	10.4	9.8
Clarendon	do	30	23.7	23.9	23.9	23.8	23.8	23.7	23.5	23.4	23.3	23.1	22.9	22.6	22.3	21.9	21.4	20.9	20.3	19.7	19.2	18.6	18.2	17.7	17.2	17.0	16.9	16.7	17.5	18.3	18.0	18.8	18.7
Helena	Mississippi	42	29.4	29.5	29.7	30.0	30.4	30.9	31.5	32.1	32.7	33.2	33.6	34 0	34 2	34 3	34.0	33.4	32 3	30.4	28.0	25.5	23.2	21.1	19.5	18.3	17.8	17.9	19.1	21.7	14.7	27.4	29.6
Arkansas City	do	42	32.0	32.3	32.5	32.7	32 9	33 2	33.7	34.2	34.8	35.2	35.6	35.9	36.2	36.4	36.6	36.6	36.5	35.8	34.5	33.4	32.0	30.0	28.0	26.3	24.4	23.5	22.9	23.8	24.9	27.5	29.4
Camden	Ouachita	49	6.1	6.1	6 6	14.1	11.7	13 3	11.5	10.0	8.6	8.1	7.9	7.5	7.1	6.8	6 6	6 5	6.3	6.2	6.1	6.0	6.0	7.2	7.0	7 8	10.1	13.8	23.8	18.1	12.1	10.0	8.7
Danville	Petit Jean	20	6.3	12.4	10 2	7.6	6.8	6.1	5.2	4.7	4.0	4.5	4.3	4.0	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.0	2.2	2.4	2.2	2.2	2.1	2.0	2.0	1.8
Fulton	Red	28	8.4	8 5	11.3	13.3	14.7	15.0	13.9	12 2	10.9	10.0	9 4	9.0	8.7	8 2	8.1	7.9	7.8	7.5	7.4	6.9	7.3	7.3	7.2	7.6	8.9	8.7	8.0	7.7	7 4	7.2	7.1
Arkadelphia	Ouachita	18	1.5	1.7	5.2	4.7	4.0	3.7	2.8	2.5	2.2	2.0	1.8	1.3	1.2	1.1	1.1	1.2	1.5	2.0	1.8	2.0	1.8	1.5	1.4	1.8	5.5	4.0	3.3	2.4	2.2	2.0	1.8
Patterson	Cache	9	8.4	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8 0	8.0	7.7	7.5	7.3	7.0	7.0	7.2	7.0	7.0	6.8	6.8	6.8

Daily Temperatures for December, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	70	53	55	63	67	49	47	48	65	60	70	79	72	64	64	52	49	61	72	53	63	73	62	41	48	60	52	60	59	57	47	59.2
	Minimum	52	42	47	35	34	31	30	40	41	32	38	30	30	38	32	33	36	18	18	42	43	38	38	35	20	22	25	31	41	25	25	33.3
Batesville §§	Maximum	60	67	45	49	59	69	58	58	51	60	62	60	74	66	61	60	39	46	51	58	43	64	71	35	31	45	52	49	51	53	49	54.7
	Minimum	48	47	39	35	29	29	29	39	36	27	27	27	36	33	30	31	38	18	29	32	41	32	33	35	21	22	29	27	30	22	22	31.4
Bee Branch	Maximum	60	65	63	49	60	64	59	53	49	57	58	60	72	69	63	57	60	44	52	59	58	42	70	68	32	43	50	51	52	54	51	56.3
	Minimum	51	41	36	30	26	30	35	41	34	32	30	36	40	43	35	45	30	28	30	42	36	29	39	30	15	23	30	29	35	23	34	33.5
Bentonville	Maximum	57	58	45	42	54	66	52	39	36	59	60	68	72	62	60	63	46	43	52	57	33	55	64	25	34	47	49	54	48	57	48	51.6
	Minimum	50	38	29	25	32	37	39	33	30	32	35	34	40	42	38	46	24	23	35	31	27	32	25	15	14	29	29	35	27	32	26	31.7
Booneville	Maximum	63	66	60	45	56	68	61	55	53	57	62	68	74	70	76	68	62	49	66	71	45	62	72	54	34	40	52	64	55	63	59	59.7
	Minimum	53	46	40	32	37	40	46	40	36	33	37	44	43	47	44	55	30	23	43	45	35	36	54	26	16	25	32	37	38	32	42	38.3
Brinkley	Maximum	62	70	67	50	62	68	60	54	51	60	61	61	75	78	63	60	63	46	51	66	62	54	70	68	35	45	54	56	56	57	54	59.3
	Minimum	54	47	44	36	34	34	40	45	38	33	31	35	42	43	34	49	35	23	34	50	42	36	53	31	26	26	34	32	39	25	38	37.5
Calico Rock §§	Maximum	60	65	42	49	60	41	61	49	53	63	69	65	79	66	61	62	36	47	57	63	39	63	72	33	34	49	50	53	53	54	48	54.7
	Minimum	47	48	40	35	30	30	31	36	35	29	29	29	34	34	31	34	35	27	28	32	34	32	33	33	20	20	29	28	29	23	25	31.6
Camden §§	Maximum	68	72	62	52	64	63	54	50	46	60	59	69	78	73	69	71	44	54	62	77	56	68	74	44	39	51	56	68	59	60	61	60.7
	Minimum	52	44	43	39	31	31	32	40	42	33	31	32	34	38	38	38	42	20	21	53	55	44	45	43	25	25	27	32	32	27	31	36.1
Conway	Maximum	62	66	56	49	59	67	59	52	46	56	61	65	73	69	63	65	63	46	55	70	65	48	72	69	32	45	52	58	52	57	53	58.9
	Minimum	54	44	41	35	32	32	38	43	39	35	30	38	42	43	34	46	32	21	35	49	41	34	43	29	20	24	29	29	34	26	35	35.7
Corning	Maximum	61	59	59	43	55	56	55	55	49	54	57	57	60	59	56	54	54	39	49	58	58	40	66	66	31	39	41	48	48	47	47	52.3
	Minimum	51	48	36	33	32	33	40	43	27	30	30	35	41	48	29	38	31	22	30	43	32	30	38	30	22	27	38	28	33	22	37	34.1
Dardanelle	Maximum	62	64	57	50	49	63	57	52	53	57	58	60	71	71	60	60	62	46	54	70	65	52	73	70	44	43	52	52	53	60	54	57.9
	Minimum	48	46	41	35	35	33	38	44	38	35	30	40	38	42	36	50	32	20	34	48	40	34	40	36	19	26	30	34	38	28	38	36.3
Dodd City	Maximum	61	58	55	54	55	69	60	53	51	56	64	64	75	70	57	56	57	43	54	51	56	56	69	67	29	47	46	54	....	....	....	56.7
	Minimum	50	38	33	27	30	28	31	35	28	24	28	29	36	41	31	36	24	16	30	33	28	27	40	14	14	25	25	26	....	....	....	29.5
Dumas	Maximum	70	77	70	50	62	67	52	55	55	56	58	67	77	74	62	65	60	38	52	75	67	62	75	55	36	43	56	57	58	58	59	60.3
	Minimum	55	48	46	39	31	30	33	45	38	34	30	35	40	36	37	50	37	22	30	51	48	40	50	34	28	25	31	34	39	26	38	37.4
Dutton	Maximum	58	64	58	43	55	65	55	53	47	59	60	64	72	65	57	58	59	41	52	61	53	48	65	58	39	46	54	55	52	55	52	55.6
	Minimum	50	34	35	27	25	25	37	37	30	25	24	28	31	35	27	47	23	23	30	39	30	33	46	17	11	25	28	28	31	41	35	30.9
El Dorado	Maximum	68	72	73	58	64	63	60	53	49	61	60	69	73	70	68	73	68	58	52	61	77	68	69	71	69	47	52	62	69	68	61	64.1
	Minimum	52	57	53	40	32	34	38	48	42	36	36	38	45	46	45	56	39	26	38	56	46	48	56	36	26	26	34	42	41	30	36	41.2
England	Maximum	61	71	59	50	63	69	55	51	50	50	60	62	73	70	66	64	62	50	55	72	64	54	70	66	43	45	57	58	52	63	56	59.4
	Minimum	54	46	47	37	31	31	37	45	39	39	32	37	40	44	36	49	36	23	35	52	45	37	54	31	24	25	32	34	38	26	38	37.9
Eureka Springs	Maximum	62	63	50	43	58	66	59	47	48	61	62	65	72	64	62	62	60	45	54	60	37	57	65	36	36	55	51	61	52	60	54	55.7
	Minimum	49	37	34	25	30	42	49	34	29	32	41	37	44	46	37	50	23	25	32	35	26	28	34	16	13	27	29	32	27	33	31	33.1
Fayetteville	Maximum	65	60	58	45	53	65	60	49	35	....	50	62	71	63	63	62	61	43	52	58	48	54	63	38	37	56	55	55	55	58	56	54.9
	Minimum	50	38	35	25	32	40	40	33	30	32	....	32	39	46	40	51	23	22	32	32	28	30	37	18	13	18	30	35	29	32	33	32.5
Fort Smith	Maximum	58	63	56	43	57	66	57	45	40	54	57	62	72	71	61	67	42	49	55	63	42	49	70	35	31	42	52	57	55	63	51	54.4
	Minimum	50	44	38	33	34	36	45	40	35	34	34	40	44	46	43	42	29	24	36	39	36	37	35	21	19	28	34	37	37	33	34	36.0
Grannis	Maximum	62	67	63	55	63	66	59	58	57	64	58	68	77	60	78	65	64	45	64	71	66	52	73	69	38	45	59	53	60	57	58	61.1
	Minimum	54	55	53	32	34	39	39	40	39	30	34	38	43	45	45	40	28	21	38	51	44	39	49	25	18	24	32	39	40	30	38	37.9
Gravette	Maximum	60	62	56	43	57	67	56	47	37	59	61	63	73	63	64	65	61	44	53	57	37	52	63	35	31	46	50	54	53	58	57	54.3
	Minimum	52	31	35	25	24	27	36	34	30	27	40	27	32	38	30	50	24	17	30	35	25	29	35	18	14	26	24	32	23	25	33	29.9
Hardy	Maximum	69	61	61	47	59	71	....	65	60	59	67	68	70	....	....	71	....	....	....	60	64	63	40	71	...	68	43	45	58	49	53	53	59.8
	Minimum	45	45	35	32	32	28	....	35	27	24	25	38	34	....	....	27	....	....	15	37	32	29	38	....	18	25	26	25	33	20	32	30.3
Hope	Maximum	69	72	59	53	58	64	58	52	49	61	60	71	80	73	74	73	58	51	....	75	68	60	75	72	39	50	59	66	61	63	63	62.9
	Minimum	58	55	46	38	36	33	37	40	37	34	36	35	42	37	38	50	50	22	....	60	50	42	52	32	22	26	31	39	39	28	41	39.5
Hot Springs	Maximum	64	68	55	50	62	66	52	51	48	61	60	68	79	70	62	64	63	48	56	70	63	50	70	70	55	44	58	52	56	57	56	59.0
	Minimum	54	45	43	36	36	37	40	46	40	35	34	36	43	46	39	47	32	22	36	50	41	37	51	29	20	32	31	36	37	29	41	38.2
Huttig	Maximum	74	75	80	67	68	64	57	54	51	63	63	71	79	75	71	....	71	55	59	75	74	68	78	73	42	55	65	69	69	63	62	66.3
	Minimum	57	47	45	34	41	31	38	49	43	38	31	35	42	41	37	...	43	24	35	54	57	46	64	29	30	26	35	41	45	28	42	40.3
Jonesboro	Maximum	60	67	57	59	60	69	57	55	49	59	62	59	72	64	60	66	61	48	53	58	60	46	70	67	33	46	48	49	54	49	50	57.0
	Minimum	51	50	38	33	34	38	45	45	32	32	36	41	41	51	37	39	31	22	34	38	31	31	46	31	23	27	33	31	24	35	38	36.1
Junction	Maximum	66	64	67	60	62	66	59	57	59	67	65	67	68	69	67	69	65	62	64	78	77	74	68	64	59	63	65	67	64	63	60	65.3
	Minimum	41	47	50	36	28	30	38	30	34	36	38	40	41	49	42	50	29	23	35	50	51	48	47	33	25	23	35	41	38	29	43	38.1
Little Rock	Maximum	62	66	54	46	58	65	52	45	39	37	35	41	50	51	43	49	32	25	41	51	39	35	51	27	21	27	35	36	40	33	37	39.2
	Minimum	55	48	40	36	35	39	42	45	39	37	35	41	50	51	43	49	32	25	41	51	39	35	51	27	21	27	35	35	40	33	37	39.2
Lutherville	Maximum	60	68	67	63	56	63	58	54	45	54	55	59	69	68	65	58	42	47	29	23	35	46	36	32	39	26	16	24	33	33	39	31	41	36.3
	Minimum	51	43	39	32	30	38	42	42	35	34	46	38	44	46	42	47	29	23	35	46	36	32	39	26	16	24	33	33	39	31	41	36.3
Malvern	Maximum	63	65	64	54	55	58	60	50	50	55	53	60	70	75	70	65	64	46	55	68	67	56	70	68	39	43	60	58	53	52	58	58.4
	Minimum	55	45	48	38	30	31	37	46	41	35	31	32	39	41	37	50	38	20	37	51	48	38	47	38	20	25	30	36	35	26	33	37.4
Mammoth Spring	Maximum	62	60	55	46	58	68	60	54	50	59	64	63	70	65	59	55	55	46	52	63	59	40	70	66	29	44	44	50	47	52	50	55.3
	Minimum	53	45	36	33	30	28	34	41	28	25	25	30	33	37	28	44	30	17	28	34	32	33	39	28	18	22	26	26	31	20	28	31.9
Marianna	Maximum	63	68	60	53	58	67	55	53	51	56	61	60	73	67	63	60	62	46	52	62	60	57	70	70	34	44	46	55	56	48	48	57.1
	Minimum	54	50	45	37	34	35	38	46	38	33	35	37	42	46	37	49	38	24	33	50	41	37	55	34	27	27	35	31	41	26	40	38.7
Marked Tree §§	Maximum	69	55	49	59	69	60	57	48	58	63	60	73	66	60	61	47	42	53	60	44	66	69	40	35	47	52	53	50	45	52	49	54.9
	Minimum	52	40	35	35	33	34	39	35	31	33	42	43	42	34	36	46	22	33	38	42	35	36	40	25	25	25	30	31	21	27	34	34.6
Marshall	Maximum	62	60	56	45	56	65	59	56	48	57	63	65	72	66	58	...	53	42	56	63	59	51	71	68	35	45	53	53	52	54	49	56.4
	Minimum	54	45	36	30	37	41	47	39	34	31	39	39	50	48	38	....	30	25	36	47	32	32	47	24	17	28	35	34	33	34	38	36.7
Mena	Maximum	60	69	57	47	61	68	54	49	49	60	57	66	68	67	64	63	48	28	21	39	52	39	39	55	24	17	18	30	38	39	32	40	37.4
	Minimum	54	45	46	31	32	35	43	39	37	30	35	38	44	43	43	48	28	21	39	52	39	39	55	24	17	18	30	38	39	32	40	37.4
Morrilton	Maximum	61	65	62	57	57	64	57	53	48	56	58	61	65	68	62	69	62	45	54	69	64	43	71	69	32	44	51	53	51	55	53	57.4
	Minimum	53	41	40	35	36	36	40	44	38	36	32	40	43	45	34	47	32	22	36	49	40	34	42	30	19	25	31	32	37	30	36	36.6
Mountain Home	Maximum	56	62	57	47	59	70	59	55	60	60	68	60	76	65	58	58	60	47	55	62	62	50	70	51	30	47	47	53	50	57	47	56.7
	Minimum	51	41	36	30	35	30	39	39	31	28	27	37	47	40	33	44	27	16	16	35	30	29	48	20	16	25	26	28	31	24	35	32.5
Mount Ida	Maximum	67	70	61	50	63	68	57	49	44	64	58	70	82	70	64	64	63	48	59	72	61	46	75	67	39	49	58	54	56	60	58	60.1
	Minimum	53	39	41	33	28	27	35	42	40	32	27	30	35	36	29	29	29	15	34	51	41	38	46	28	16	23	26	30	31	23	34	32.9
Nail	Maximum	54	63	52	43	64	63	62	60	58	57	60	62	70	66	60	54	54	38	48	59	55	55	62	60	33	40	44	47	53	48	51	54.7
	Minimum	48	40	30	25	32	34	33	34	30	28	30	35	50	45	40	46	20	22	30	42	30	28	39	17	11	22	28	29	31	30	31	31.9
Newport	Maximum	63	62	60	56	57	69	55	60	46	56	62	64	70	71	67	58	62	45	52	59	58	43	69	68	32	43	50	50	50	50	50	56.7
	Minimum	49	49	42	40	32	33	35	36	35	31	32	39	41	43	35	46	35	23	35	47	38	33	43	30	21	26	33	31	37	25	37	35.9
Osceola	Maximum	68	68	70	68	69	69	68	66	66	64	62	62	72	70	70	69	67	65	64	65	63	63	68	66	62	62	62	62	60	60	58	65.4
	Minimum	60	52	40	35	33	35	42	44	33	33	33	40	43	32	36	48	35	40	30	40	35	35	50	30	26	30	32	32	30	30	35	37.4
Ozark	Maximum	62	64	61	49	59	64	62	62	50	55	54	62	66	72	62	62	60	46	54	68	55	44	70	66	58	44	54	55	56	57	54	58.4
	Minimum	49	41	43	43	31	32	41	45	34	33	30	34	36	38	37	38	31	21	38	49	39	36	30	32	18	28	31	39	35	30	31	35.3
Pine Bluff	Maximum	64	66	64	51	59	63	58	53	51	54	60	64	71	66	63	65	60	48	55	75	72	60	73	69	55	50	54	60	64	59	55	60.4
	Minimum	53	57	49	39	33	34	38	46	39	36	35	39	45	46	39	37	39	23	36	50	47	37	54	25	27	27	33	36	37	30	38	38.6
Pocahontas	Maximum	60	64	56	49	62	71	65	55	52	61	67	64	72	66	59	54	60	46	49	62	57	40	68	56	44	50	44	46	48	51	50	56.3
	Minimum	47	47	36	33	35	31	36	43	28	28	28	40	44	49	31	38	30	19	31	45	33	30	38	29	20	26	29	29	34	21	36	33.7
Portland	Maximum	64	73	78	66	61	67	55	53	50	58	61	69	77	76	67	66	64	54	59	75	70	67	77	74	41	56	60	66	64	61	59	64.1
	Minimum	56	48	48	40	35	32	37	49	42	38	31	37	43	42	40	50	43	25	34	54	53	43	62	37	29	27	34	39	45	29	44	40.2
Rison	Maximum	63	70	69	55	61	64	66	54	59	59	59	68	77	73	66	68	66	50	66	78	72	69	73	69	37	48	57	61	62	59	57	63.4
	Minimum	55	45	48	41	30	32	53	45	34	39	35	36	45	44	40	51	37	21	33	52	48	33	55	34	24	24	30	37	38	26	39	38.4
Rogers	Maximum	61	60	54	44	57	67	58	48	48	58	60	64	66	63	62	63	60	43	53	60	36	56	65	37	36	47	52	55	50	59	54	54.4
	Minimum	51	38	36	27	29	30	39	35	30	29	28	29	34	39	33	51	25	17	33	36	27	29	37	19	14	25	27	30	29	25	35	31.1
Searcy	Maximum	61	68	59	51	63	67	55	53	52	60	60	65	74	68	62	60	60	45	50	60	60	43	69	69	32	45	50	52	51	54	55	57.3
	Minimum	55	49	41	35	35	33	39	44	30	35	30	35	43	42	37	44	36	21	35	46	39	34	43	30	22	25	32	32	37	25	36	36.6
Stuttgart	Maximum	62	69	59	48	60	67	56	53	51	56	59	63	75	69	62	61	63	48	53	72	65	56	73	69	34	45	55	58	58	56	55	59.4
	Minimum	52	46	48	37	30	32	35	45	39	30	32	36	41	39	37	49	36	23	35	51	45	37	55	32	25	25	33	32	37	26	36	37.4
Subiaco	Maximum	66	65	58	59	59	68	56	53	48	57	59	61	71	70	62	68	65	49	54	69	55	43	71	51	35	46	54	56	57	61	56	58.8
	Minimum	54	45	41	34	35	36	43	43	37	35	34	42	45	46	43	58	31	20	36	48	38	35	42	27	18	26	31	35	39	28	41	37.6
Texarkana	Maximum	71	74	72	60	59	65	59	50	50	65	58	73	80	77	71	74	76	53	64	75	71	65	75	70	41	51	63	65	67	65	64	65.4
	Minimum	60	45	54	37	32	35	40	47	42	34	34	35	41	42	46	56	36	24	41	58	46	48	58	38	24	27	35	45	43	33	50	41.1
Umphers	Maximum	60	68	62	49	57	67	60	51	45	60	61	68	76	70	63	60	60	54	57	72	66	62	70	67	55	50	52	56	55	58	56	60.1
	Minimum	34	62	40	32	32	31	33	33	37	30	30	42	42	43	43	50	28	21	26	48	37	35	35	26	16	44	45	37	36	30	30	45.1
Warren	Maximum	63	68	69	59	61	62	56	52	49	58	58	66	73	70	64	67	64	48	59	75	71	61	75	70	38	49	57	63	62	58	57	61.3
	Minimum	55	48	46	39	34	33	37	48	41	32	34	39	45	42	43	55	41	23	35	55	52	43	48	36	28	26	32	38	42	23	41	39.4
Wynne	Maximum	65	66	52	48	58	65	59	55	57	56	62	61	72	65	63	59	62	45	52	62	45	64	68	39	37	45	51	54	50	52	52	56.3
	Minimum	54	49	43	35	30	32	40	36	37	30	35	35	38	34	42	50	34	25	38	45	37	35	35	25	25	32	31	30	30	25	35	35.5

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVI LITTLE ROCK, Ark., YEAR, 1921. No.13.

GENERAL SUMMARY.

The outstanding characteristic of the weather in Arkansas during the year 1921 was the positive departure from the normal temperature in all sections of the State. During only four months were negative departures recorded at any station and of the four, only two, April and October, showed a negative departure for the State as a whole. Several stations did not record a monthly mean below normal during the entire year. The average temperature was 64.2°, or 3.2° above normal, the annual means ranging from 59.0° at Dutton to 68.8° at Texarkana. All stations showed positive departures for the year, varying from +0.8° at Dutton to +8.1° at Dumas. This was the warmest year during Arkansas's Climatological History, the next warmest being 1896 with an average temperature of 63.0°. Although the annual mean is considerably above normal the extremes were well within the limits established by previous years, ranging from –3° in February to 107° in July. The average precipitation was 47.46 inches which is 0.47 inch below normal, the extremes ranging from 29.29 inches at Junction to 61.12 inches at Helena. The snowfall averaged about 15 inches and ranged from 27 inches at Waldron to none at a few stations in the southern border counties.

January, February, and March were unusually mild months and vegetation advanced two to three weeks beyond an average season. April was cold and rainy, generally unfavorable for all agricultural pursuits. On the 17th of April a hard freeze occurred in the northern portion of the State, freezing temperatures extending to the southern counties, damaging the berry crop, killing practically the entire peach and apple crops in the northern counties, and necessitating the replanting of considerable corn and cotton. May, June, and July were hot and dry, but in August and September cloudy rainy weather prevailed, favoring boll weevil development and considerable damage to the cotton crop resulted. October was more favorable, dry weather prevailing throughout the harvest season. During the crop season, April to October, the temperature averaged 1.4° above normal and the precipitation 1.12 inches above. The last general killing frost in the spring occurred about April 10th, the first in autumn, November 11th, giving an average growing season of 208 days. Killing frost occurred at a few stations in the northwest on October 8th, but was not general until the 11th of November at which time all crops had matured. There were no disastrous floods on the rivers during the year nor were the dry periods of prolonged duration except in the northwestern counties where little rain fell from September 26th until the middle of November. The drought interfered seriously with the germination of winter grains in that section.

On the 17th of March a tornado occurred in Oil Trough Bottom which did property damage estimated at $10,000. April 5th, four tornadoes occurred in the State. The most destructive originated in Texas and moved northeastward traversing portions of Miller, Hempstead and Pike counties. The others occurred in Yell, Pope, and Pulaski counties. The four storms killed fifty six people and destroyed property valued at about $1,300,000. On November 17th two tornadoes occurred, one in Polk County, the other in Clark and Hot Springs counties. During these storms eleven lives were lost and $20,000. worth of property destroyed. The passing of the LOW in which these tornadoes occurred brought excessive rains in Arkansas from the 16th to the 19th, eight to eleven inches being measured at several stations. December 23d, at Clarkedale, Crittenden County, a tornado occurred, killing six people and doing property damage estimated at $150,000.

W. C. H.

KILLING FROSTS, 1921.

Stations.	Last in spring.	First in autumn.	Stations.	Last in spring.	First in autumn.
Amity	Apr. 19	†Nov. 10	Jonesboro	*Apr. 18	Nov. 12
Arkadelphia	.....	Nov. 19	Junction	*Mar. 29	†Nov. 10
Arkansas City	Apr. 1	Nov 12	LITTLE ROCK	Mar. 29	Nov. 12
Batesville	Apr. 19	Oct. 14	Lutherville	*Apr. 17	Nov. 12
Bee Branch	Apr. 18	Oct. 14	Magnolia	*Mar. 29	Nov. 10
Bentonville	Apr. 18	Nov. 12	Malvern	*Apr. 18	Nov. 12
Black Rock	Apr. 18	Nov. 12	Mammoth Spring	Apr. 18	Oct. 4
Booneville	Apr. 17	Nov. 10	Marianna	*Mar. 29	Nov. 12
Brinkley	*Apr. 11	Nov. 12	Marked Tree	Apr. 18	†Nov. 11
Calico Rock	*Apr. 18	Nov. 2	Marshall	Apr. 18	†Nov. 12
Camden	Apr. 18	Nov. 12	Mena	Apr. 17	Nov. 10
Centerpoint	*Apr. 17	.....	Morrillton	.....	†Nov. 29
Clarendon	Apr. 11	Oct. 18	Mountain Home	Apr. 11	Oct. 14
Clinton	.....	Oct. 12	Mount Ida	*Apr. 18	Oct. 13
Conway	*Apr. 11	Nov. 12	Murfreesboro	.....	Nov. 20
Corning	Apr. 18	Oct. 14	Nail	*Apr. 18	Nov. 10
Danville	Apr. 11	Nov. 12	Newport	Apr. 19	Nov. 12
Dardenelle	*Mar. 29	Nov. 12	Okay	Mar. 29	Nov. 12
Dodd City	May 3	Nov. 12	Osceola	*Apr. 11	Nov. 11
Dumas	*Mar. 29	Nov. 20	Ozark	*Apr. 17	Nov. 10
Dutton	*May 4	Oct. 8	Patterson	.....	Nov. 9
El Dorado	Mar. 29	†Nov. 20	Pine Bluff	Mar. 29	†Nov. 12
England	*Mar. 29	Nov. 12	Pocahontas	*Apr. 18	Nov. 12
Eureka Springs	May 3	Nov. 10	Portland	Mar. 29	Nov. 12
Fayetteville	May 4	Nov. 10	Prescott	*Apr. 18	.....
Fort Smith	Apr. 17	Nov. 10	Princeton	Apr. 17	Nov. 28
Fulton	Apr. 11	Oct. 13	Rison	Mar. 29	Nov. 12
Georgetown	.....	Nov. 10	Rogers	May 3	Oct. 12
Gillett	*Mar. 29	.....	Searcy	*Apr. 18	Nov. 12
Grannis	Apr. 18	Nov. 12	Springbank	Apr. 11	Nov. 10
Gravette	May 3	Oct. 8	Stuttgart	Mar. 29	Nov. 10
Hardy	Apr. 11	Oct. 13	Subiaco	*Apr. 17	Nov. 12
Helena	.....	Nov. 12	Texarkana	*Apr. 17	†Nov. 10
Higden	Apr. 18	Nov. 11	Umphers	*Apr. 17	Nov. 12
Hope	Apr. 17	Nov. 10	Waldron	Apr. 18	Nov. 11
Hot Springs	*Apr. 17	†Nov. 12	Warren	*Mar. 29	Nov. 20
Huttig	.....	†Nov. 11	Whitecliffs	Apr. 18	Nov. 10
			Wynne	*Apr. 18	Nov. 12

*No killing frost recorded; last freezing temerature in Spring.
†No killing frost recorded; first freezing temperature in Autumn.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1921.

Month.	Temperature, in degrees Fahrenheit. Mean.	Departure.	Highest.	Lowest.	Precipitation, in inches. Average.	Departure.	Greatest local amount.	Number of rainy days.	Sky. Clear.	Pt. cloudy.	Cloudy.	Prevailing direction of the wind.
January	46.9	+ 6.0	85	6	2.07	– 2.16	3.87	6	11	6	14	S.
February	48.3	+ 6.1	85	– 3	3.59	+ 0.31	8.90	6	15	5	8	S.
March	60.8	+ 8.2	92	18	6.55	+ 1.85	11.01	9	11	8	12	S.
April	59.8	– 1.4	91	22	7.87	+ 3.09	12.52	9	14	6	10	S.
May	69.7	+ 0.5	99	29	2.25	– 2.87	5.49	5	18	8	5	S.
June	78.5	+ 1.7	103	46	4.84	+ 0.76	12.03	11	12	10	8	S.
July	82.0	+ 2.1	107	54	2.42	– 1.50	5.46	6	19	8	4	S.
August	81.5	+ 2.1	106	56	5.46	+ 1.63	10.72	8	15	9	7	S.
September	79.6	+ 5.7	104	35	3.38	+ 0.05	6.96	7	14	9	7	S.
October	61.6	– 0.7	96	27	0.72	– 2.28	1.47	3	23	4	4	S.
November	54.9	+ 3.4	88	17	5.53	+ 1.96	13.77	7	13	6	11	S.
December	47.1	+ 5.0	82	11	2.78	– 1.31	5.16	6	13	6	12	N.
Annual	64.2	+ 3.2	107	– 3	47.46	– 0.47	13.77	83	178	85	102	S.

COMPARATIVE ANNUAL DATA FOR ARKANSAS.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
Normal	**61.0**		**108**	**–10**	**47.93**		**67**	**98**	**100**	**84**
1891	60.5	–0.5	108	6	44.49	– 3.44	180	94	91	94
1892	60.0	–1.0	106	–14	57.75	+ 9.82	159	98	109	98
1893	60.7	–0.3	103	–13	47.91	– 0.02	185	95	85	93
1894	61.3	+0.3	108	–22	49.05	+ 1.12	176	97	92	55
1895	59.8	–1.2	105	–17	44.69	– 3.24	167	92	106	83
1896	63.0	+2.0	112	4	38.02	– 9.91	171	97	98	79
1897	62.4	+1.4	111	– 2	46.52	– 1.41	178	96	91	76
1898	61.4	+0.4	108	– 4	56.83	+ 8.90	159	105	102	89
1899	60.6	–0.4	112	–25	41.49	– 6.44	170	105	90	76
1900	62.0	+1.0	108	– 5	49.03	+ 1.10	150	120	95	92
1901	61.1	+0.1	116	– 6	35.28	–12.65	175	111	79	55
1902	60.4	–0.6	108	– 2	51.70	+ 3.77	150	121	94	81
1903	59.3	–1.7	105	–12	44.62	– 3.31	162	107	96	74
1904	60.5	–0.5	105	– 5	43.45	– 4.48	169	112	85	74
1905	59.5	–1.5	106	–29	63.65	+15.72	146	107	112	103
1906	60.2	–0.8	101	– 7	56.97	+ 9.04	156	96	113	95
1907	61.7	+0.7	113	– 8	49.71	+ 1.78	163	91	111	86
1908	62.1	+1.1	103	0	48.88	+ 0.95	158	100	108	92
1909	62.1	+1.1	111	–19	44.05	– 3.88	173	93	96	83
1910	61.0	0.0	105	–13	45.21	– 2.72	172	109	84	84
1911	62.9	+1.9	107	– 9	49.53	+ 1.60	152	117	96	95
1912	59.8	–1.2	106	–16	45.83	– 2.10	171	110	85	84
1913	61.6	+0.6	108	– 1	54.01	+ 6.08	158	107	100	89
1914	61.4	+0.4	110	–11	42.85	– 5.08	149	109	107	84
1915	60.6	–0.4	107	– 3	53.08	+ 5.15	163	81	121	82
1916	61.9	+0.9	107	–16	42.18	– 5.75	191	76	99	75
1917	59.2	–1.8	106	–21	40.72	– 7.21	187	74	104	75
1918	61.4	+0.4	115	–23	44.64	– 3.29	174	76	115	75
1919	61.6	+0.6	113	–10	54.52	+ 6.59	166	75	124	91
1920	60.7	–0.3	105	– 2	54.28	+ 6.35	174	74	118	82
1921	64.2	+3.2	107	– 3	47.46	– 0.47	178	85	102	83

Climatological Data for Year, 1921.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit.							Precipitation, inches.							Number of days.				Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.		Length of record, years.	Total for year.	Greatest monthly amount.	Month.	Least monthly amount.	Month.	Total snowfall, unmelted.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
Amity	Clark	250	28	62.6	101	July	6	11	Feb.	20	28	48.06	8.72	Apr.	0.83	Oct.	7.5	78	200	41	124	s.
Arkadelphia	Clark	160	.....	.....	.....	.....	.....	.....	.....	.....	25	47.79	9.10	Apr.	1.15	May	2.5	67	163*	1*	170*	sw.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	.....	.....	37	48.66	9.54	Apr.	0.41	Oct.	0.0	93	199	53	113	s.
Batesville	Independence	277	22	.....	104	July	31	8	Feb.	20	22	44.73	7.24	Nov.	0.77	Oct.	22.0	98	159	39	167	nw.
Bee Branch	Van Buren	.....	29	63.4	107	July	31	15	Dec.	25	29	45.15	7.35	Mar.	0.20	Oct.	22.5	88	97	141	127	s.
Bentonville	Benton	1303	15	60.5	99	July	30	11	Feb.	20	15	43.28	9.50	Mar.	0.54	July	12.4	108	153	104	108	s.
Black Rock	Lawrence	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	50.36	10.40	Nov.	0.49	Oct.	15.8	103	201	40	124	s.
Booneville	Logan	.....	7	65.8	106	Aug.	5	16	Dec.	25	7	45.62	9.21	Nov.	1.42	Dec.	21.7	106	207	69	89	s.
Brinkley	Monroe	226	39	65.3	105	July	31	20	Feb.	20	39	52.46	10.56	Mar.	0.87	Oct	8.5	87	191	87	87	s.
Calico Rock	Izard	361	17	62.4	101	July	31†	4	Feb.	20	17	43.10	6.99	Nov.	0.55	Oct.	15.0	110	206	37	122	s.
Camden	Ouachita	158	35	64.7	99	Aug.	5	20	Dec.	18	35	46.42	8.45	Apr.	0.86	Oct.	T.	95	155	96	114	sw.
Clarendon	Monroe	171	.....	.....	.....	.....	.....	.....	.....	.....	17	50.47	9.98	Mar.	0.35	Oct.	6.0	96	135	81	149	s.
Conway	Faulkner	309	37	65.0	102	Aug.	1	7	Feb.	20	37	54.75	12.95	Nov.	0.74	July	20.5	76	200*	98a	66a	s.
Corning	Clay	293	21	62.4	104	July	13	10	Feb.	20	28	39.51	8.87	Nov.	0.51	July	15.0	94	179	106	80	s.
Danville	Yell	337	.....	.....	.....	.....	.....	.....	.....	.....	6	46.03	7.39	Nov.	0.27	Oct.	26.5	76	222	8	135	sw.
Dardanelle	Yell	330	35	.....	102	Aug.	19	13	Feb.	20	35	44.47	8.45	Nov.	0.38	Oct.	25.0	61	183j	67j	105j	e.
Dodd City	Marion	1175	39	60.4	100	July	30	− 2	Feb.	20	39	43.17	6.21	June	0.41	Oct.	19.0	85	128c	187c	47c	s.
Dumas	Desha	162	14	66.1	102	July	31	22	Dec.	18	17	52.88	7.47	Apr.	0.88	Oct.	2.0	120	84	206	75	.....
Dutton	Madison	1590	19	59.0	98	July	31	− 3	Feb.	20	19	.....	.....	.....	.....	.....	18.0	.....	161e	118g	79g	s.
El Dorado	Union	265	17	67.5	103	Aug.	21†	24	Feb.	20	17	.....	.....	.....	.....	.....	0.0	.....	149f	88f	110f	sw.
England	Lonoke	229	14	65.8	104	July	31	20	Feb.	20	14	49.81	8.93	Mar.	0.62	Oct.	13.1	101	186c	79c	95c	s.
Eureka Springs	Carroll	1465	19	62.2	101	July	30†	13	Dec.	25	19	48.36	9.37	Mar.	0.69	July	14.0	78	168	143	54	sw.
Fayetteville	Washington	1451	35	62.3	98	July	30†	6	Feb.	20	35	39.34	6.89	June	0.83	May	15.0	55	208*	60*	64*	nw.
Fort Smith	Sebastian	481	39	64.3	101	Aug.	6	12	Feb.	20	39	37.73	6.50	June	0.13	Oct.	22.6	99	140	99	126	e.
Fulton	Hempstead	264	.....	.....	.....	.....	.....	.....	.....	.....	35	46.14	9.76	Apr.	0.73	Oct.	.....	66	173	59	133	s.
Georgetown	White	200	.....	.....	.....	.....	.....	.....	.....	.....	8	60.07	11.08	Apr.	0.72	Jan.	19.0	78	221	56	88	e.
Grannis	Polk	921	3	62.7	96	Aug.	6	13	Feb.	20	3	59.29	12.48	Apr.	1.01	Oct.	12.5	104	210j	59j	86j	se
Gravette	Benton	1250	23	60.5	99	July	30	− 1	Feb.	20	23	48.82	11.71	June	0.38	July	12.5	87	153d	98d	86d	sw
Hardy	Sharp	643	24	.....	103	June	12†	12	Feb.	20	24	.....	.....	.....	.....	.....	16.0	.....	161*	74*	44*	▪
Helena	Phillips	182	.....	.....	.....	.....	.....	.....	.....	.....	50	61.12	12.18	Apr.	1.16	Oct.	1.5	97	202	32	131	s
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	.....	.....	3	47.11	7.75	Nov.	0.22	Oct.	23.0	82	158d	93d	110d	sw
Hope	Hempstead	377	49	66.7	103	Aug.	7	22	Feb.	20†	49	46.04	8.92	Apr.	0.59	Oct.	T.	.....	209d	64d	88d	s
Hot Springs	Garland	600	28	.....	102	Aug.	20†	20	Dec.	25	30	45.66	9.07	Apr.	0.00	May	13.5	75	235i	45i	76i	s
Huttig	Union	.....	14	.....	.....	.....	.....	26	Dec.	26	14	41.09	7.72	Mar.	0.39	Oct.	0.0	64	224a	49a	91a	.....
Jonesboro	Craighead	345	26	65.0	104	Sept.	5	20	Feb.	20	26	55.73	10.90	Nov.	0.23	Oct.	14.5	102	193	103	69	i
Junction‡‡	Union	182	28	67.4	106	Aug.	20†	23	Dec.	18	28	29.29	6.04	Mar.	0.37	Aug.	0.0	47	239	57	69	i
Little Rock	Pulaski	286	42	64.8	99	July	31	21	Dec.	25	42	45.54	7.40	Apr.	0.14	Oct.	11.8	105	163	99	103	e
Lutherville ‡‡	Johnson	775	24	64.0	102	July	31	16	Dec.	25	24	43.83	7.20	Apr.	0.48	Oct.	24.5	78	198	78	89	.....
Magnolia	Columbia	315	3	.....	105	July	8	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malvern	Hot Springs	277	38	64.8	100	July	31†	20	Dec.	18†	38	55.13	10.19	Apr.	0.70	Oct.	6.0	80	126	65	174	n
Mammoth Spring	Fulton	512	16	61.7	99	Aug.	1†	3	Feb.	20	16	40.54	7.87	Nov.	0.51	Oct.	11.0	79	190a	102a	72a	.....
Marianna	Lee	235	12	.....	.....	.....	.....	21	Feb.	20	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marked Tree	Poinsett	229	16	64.1	101	July	3	24	Feb.	21	16	54.75	8.40	Apr.	0.85	Oct.	8.5	95	161	148	56	s
Marshall	Searcy	1083	6	63.8	99	July	30	14	Feb.	20	6	47.24	9.05	Nov.	0.75	Oct.	14.0	102	111	206	48	sw
Mena	Polk	1208	33	63.5	102	Aug.	6	16	Feb.	20	33	55.92	10.51	Apr.	0.93	Oct.	18.3	105	170a	105a	89a	.....
Mountain Home	Baxter	800	7	61.9	103	Aug.	1†	12	Feb.	20	7	47.29	7.35	Mar.	0.87	July	9.5	88	188	69	108	s
Mount Ida	Montgomery	730	7	63.3	102	Aug.	6	2	Feb.	20	23	52.60	10.72	Aug.	0.27	Oct.	21.5	68	180	84	100	.....
Murfreesboro	Pike	367	.....	.....	.....	.....	.....	.....	.....	.....	5	39.92	7.44	Apr.	0.48	Oct.	5.5	.....	135*	67*	132*	.....
Nail	Newton	2233	28	59.2	90	July	31	11	Dec.	25	28	48.71	9.25	June	0.37	Oct.	19.0	102	178b	80b	105b	.....
Newport	Jackson	231	37	64.8	102	July	6	20	Feb.	19†	37	50.98	8.70	Mar.	0.50	Jan.	17.0	87	168	100	97	.....
Osceola	Mississippi	240	21	.....	102	July	14	20	Feb.	19	21	49.85	9.25	Apr.	0.55	Oct.	8.5	77	111*	78*	141*	.....
Ozark	Franklin	377	25	64.6	101	July	30†	10	Feb.	20	25	41.99	7.16	Apr.	0.30	July	22.0	71	86*	70*	165*	s
Patterson	Woodruff	196	.....	.....	.....	.....	.....	.....	.....	.....	5	52.53	8.63	Apr.	T.	Oct.	12.0	57	200	4	161	s
Pine Bluff	Jefferson	215	37	66.9	104	July	31†	23	Dec.	18	37	50.01	11.33	Apr.	0.88	Oct.	3.1	99	235	32	98	.....
Pocahontas	Randolph	300	29	63.8	101	July	11†	19	Jan.	15†	29	51.47	9.90	Nov.	0.80	Oct.	11.0	93	120	148	97	.....
Portland	Ashley	122	15	67.9	104	Aug.	1	25	Dec.	18	15	43.09	6.26	Apr.	T.	Oct.	0.0	73	185	114	66	.....
Prescott	Nevada	327	39	.....	100	July	6†	20	Jan.	10	39	.....	.....	.....	.....	.....	1.0	.....	177*	75*	71*	.....
Princeton	Dallas	287	.....	.....	.....	.....	.....	.....	.....	.....	14	46.87	9.32	Apr.	0.52	Oct.	T.	63	235	3	127	s
Rison	Cleveland	243	17	67.0	105	July	31	21	Dec.	18	21	40.92	9.50	Apr.	0.58	Oct.	2.8	59	136c	130c	94c	.....
Rogers	Benton	1385	30	60.9	101	July	30	4	Feb.	20	30	41.12	7.12	Mar.	1.25	Oct.	16.0	78	181	74	110	.....
Searcy	White	236	8	64.2	103	July	31	20	Feb.	20†	8	53.55	13.77	Nov.	0.23	Oct.	16.4	108	194	39	132	.....
Springbank ‡‡	Miller	240	.....	.....	.....	.....	.....	.....	.....	.....	9	49.36	10.24	June	0.75	Aug.	0.5	71	194	43	128	.....
Stuttgart	Arkansas	228	33	65.5	105	July	31	18	Feb.	20	33	49.86	11.70	Apr.	0.22	Oct.	2.6	92	207	90	68	.....
Subiaco	Logan	1050	24	65.2	103	July	29†	13	Feb.	20	24	48.01	8.67	Nov.	0.37	Oct.	27.0	102	175	118	72	.....
Texarkana	Miller	332	39	68.8	105	July	7†	24	Dec.	18†	39	48.53	10.37	Apr.	0.94	Oct.	T.	66	217	62	86	.....
Umphers ‡‡	Yell	2000	4	64.1	100	July	31	16	Dec.	25	4	43.75	7.06	Apr.	0.82	Oct.	22.5	92	212k	59k	78k	.....
Waldron	Scott	675	.....	.....	.....	.....	.....	.....	.....	.....	3	55.12	10.48	Nov.	1.12	Oct.	27.2	98	131	89	145	.....
Warren	Bradley	206	26	66.7	101	July	31†	23	Dec.	18†	26	39.10	6.43	Apr.	0.35	Oct.	T.	67	168	125	72	.....
Whitecliffs	Little River	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	.....	2.0	....	191	40	134	.....
Wynne	Cross	250	13	65.2	107	July	4	18	Feb.	19	13	54.33	9.60	Apr.	0.95	Jan.	9.5	.....	253	6	106	.....

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters a, b, c, appearing in the table indicate number of days missing; for example, b represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark. * 27 or more days missing.

Monthly and Annual Precipitation for the Year 1921, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
mity	2.19	−2.47	2.93	−1.01	6.09	+1.16	8.72	+3.03	1.49	−4.56	5.14	−0.66	3.45	−0.64	7.04	+2.75	2.92	−0.41	0.83	−1.83	3.43	−0.62	3.83	−0.44	48.06	− 5.70
rkadelphia	2.12	−1.82	2.08	−2.02	7.47	+2.57	9.10	+3.82	1.15	−5.06	3.85	−1.66	2.55	−1.45	8.15	+3.42	4.05	+1.58	1.35	−1.02	1.90	−1.80	4.02	−1.07	47.79	− 4.51
rkansas City	3.87	−0.75	2.69	−2.05	5.52	−0.05	9.54	+5.08	1.70	−2.72	3.43	−0.94	4.97	+1.00	2.16	−1.77	6.96	+4.06	0.41	−1.51	2.87	−0.89	4.54	−0.46	48.66	− 1.00
ld Knob	0.50	.....	4.41	.....	7.87	.....	6.24	.....	1.77	.....	3.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
tesville	1.65	−2.73	3.18	−0.30	6.41	+2.55	5.95	+1.33	1.60	−3.44	3.12	−1.12	1.80	−1.39	6.19	+1.88	3.40	−0.67	0.77	−2.28	7.24	+3.90	3.42	−0.33	44.73	− 2.60
e Branch	1.65	−2.77	2.40	−0.82	7.35	+2.71	6.95	+2.61	1.75	−2.79	4.45	+0.78	1.15	−2.41	6.15	+2.38	3.65	+0.40	0.20	−2.40	6.70	+3.56	2.75	−1.00	45.15	+ 0.25
ntonville	1.48	−1.15	1.31	−1.21	9.50	+5.68	4.54	+0.65	3.75	−1.47	9.23	+4.67	0.54	−3.77	7.89	+3.85	0.86	−2.61	0.69	−2.12	1.63	−1.36	1.86	−0.90	43.28	+ 0.26
ack Rock	1.48	−3.04	2.27	−1.36	5.66	+1.95	5.40	−0.14	3.43	−1.21	3.43	+0.35	2.62	−1.22	7.84	+3.38	3.60	+0.02	0.49	−1.93	10.40	+6.40	3.75	+0.19	50.36	+ 3.39
oneville	1.80	.....	3.52	.....	3.99	....	6.79	.....	2.92	.....	4.47	...	2.17	.....	4.12	.....	3.86	.....	1.44	.....	9.21	.....	1.42	.....	45.62	.....
jnkley	1.86	−3.07	7.14	+3.00	10.56	+5.14	8.70	+3.73	2.88	−1.80	2.17	−1.21	1.69	−2.52	5.65	+2.13	4.20	+0.97	0.87	−1.90	3.98	−0.88	2.76	−2.26	52.46	+ 1.33
lico Rock	1.26	−2.48	2.99	+0.35	6.50	+3.21	5.94	+1.14	2.71	−1.37	2.59	−1.18	2.41	−0.83	6.30	+0.67	3.04	−0.89	0.55	−1.88	6.99	+4.08	1.82	−1.04	43.10	− 0.22
mden	1.49	−3.27	2.72	−1.45	7.15	+2.10	8.45	+3.84	1.60	−2.91	4.57	−0.24	3.14	−0.85	3.62	+0.44	5.36	+1.92	0.86	−1.51	2.72	−1.36	4.74	−0.06	46.42	− 3.35
nterpoint	1.30	−2.66	1.68	−1.74	6.56	+1.74	10.00	+5.24	4.15	−2.59	6.86	+2.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
arendon	1.62	−2.86	6.49	+2.28	9.98	+5.76	9.42	+3.24	2.20	−2.89	2.16	−1.06	3.79	+0.11	2.49	−2.49	3.50	−0.59	0.35	−2.53	5.28	+1.37	3.19	−2.33	50.47	− 1.99
inton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.55	.....	9.18	.....	3.02	.....	.....	.....
nway	1.71	−2.58	4.85	−0.97	6.68	+2.21	12.52	+8.23	1.70	−3.22	3.87	+0.02	0.74	−2.79	3.68	0.00	1.06	−2.59	1.37	−1.19	12.95	+9.02	3.62	−0.44	54.75	+ 7.64
rning	1.70	−2.18	3.07	−0.70	5.79	+1.12	5.48	+0.90	2.76	−1.27	2.87	−1.30	0.51	−3.21	3.00	−0.50	2.46	−1.22	0.57	−2.38	8.87	+5.84	2.43	−1.07	39.51	− 5.97
nville	1.87	.....	2.75	.....	5.39	.....	7.12	.....	1.43	...	5.15	.....	3.18	.....	5.44	.....	3.91	.....	0.27	... ..	7.39	.....	2.13	.....	46.03	.....
rdanelle	1.90	−1.41	2.42	−0.74	6.60	+2.20	6.36	+2.42	2.83	−2.93	3.36	−0.26	2.75	−0.98	5.88	+2.06	1.93	−1.58	0.38	−2.15	8.45	+5.02	1.55	−1.71	44.47	− 0.06
dd City	2.46	−0.54	3.17	−0.06	5.62	+1.64	5.74	+1.62	2.22	−2.90	6.21	+1.93	2.01	−2.68	5.79	+1.15	1.94	−1.91	0.41	−2.59	5.79	+2.80	1.81	−1.21	43.17	− 2.75
umas	3.39	−1.61	4.80	+0.89	5.81	+0.80	7.47	+2.97	2.04	−2.35	5.33	+1.47	3.17	−0.67	6.74	+2.91	5.72	+1.59	0.88	−1.85	2.37	−1.08	5.16	−0.22	52.88	+ 2.85
utton	2.81	−1.48	3.95	+0.75	6.99	+2.62	7.93	+2.64	2.67	−4.19	11.56	+6.07	1.41	−2.74	5.92	+1.54	.....	.....	1.03	−2.17	5.44	+2.10	3.31	+0.36	.....	.....
l Dorado	2.51	−0.96	2.01	−2.13	5.16	+0.34	.....	.....	4.07	−1.10	4.15	−0.25	.....	.....	1.06	−2.80	5.24	+1.98	1.20	−0.99	1.70	−2.74	2.49	−3.35	.....	.....
ngland	2.11	−1.97	6.85	+2.78	8.93	+4.37	8.63	+2.90	1.83	−2.54	3.76	+0.24	1.00	−1.98	6.92	+1.91	2.66	−1.31	0.62	−1.83	4.04	+0.49	2.46	−2.13	49.81	+ 0.93
ureka Springs	1.68	−1.74	2.52	−0.43	9.37	+5.77	5.51	+1.01	2.56	−3.48	5.21	−1.13	0.69	−3.47	9.35	+4.31	4.82	+0.97	1.27	−1.50	2.87	+0.30	2.51	+0.27	48.36	+ 0.88
ayetteville	0.92	−2.04	2.93	+0.41	6.04	+2.04	5.40	+1.21	0.83	−4.72	6.89	+2.37	1.08	−3.05	6.50	+2.32	1.30	−2.22	0.85	−2.23	3.68	+0.85	2.92	+0.31	39.34	− 4.75
ort Smith	1.39	−1.12	3.03	+0.29	3.81	+0.19	5.40	+1.50	1.18	−3.73	6.50	+2.50	3.15	−0.69	4.45	+0.79	1.24	−1.93	0.13	−2.70	5.22	+1.94	2.23	−0.65	37.73	− 3.61
ulton	2.98	−1.12	1.59	−1.49	5.14	+0.68	9.76	+5.67	1.03	−3.66	4.05	+0.52	5.46	+1.96	3.78	+1.07	5.23	+2.75	0.73	−1.17	3.30	−0.20	3.09	−0.43	46.14	+ 4.58
eorgetown	0.72	.....	8.90	.....	8.41	.....	11.08	.....	2.67	.....	4.22	.....	1.89	.....	7.81	.....	4.02	.....	1.21	.....	6.45	.....	2.69	.....	60.07	.....
illett	2.06	.....	4.32	.....	5.65	.....	7.38	.....	1.40	.....	4.02	.....	2.98	.....	3.99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
rannis	3.02	.....	2.51	.....	3.78	.....	12.48	.....	1.59	.....	12.03	.....	5.43	.....	6.84	.....	2.52	.....	1.01	.....	5.20	.....	2.88	.....	59.29	.....
ravette	1.66	−1.17	1.24	−0.83	11.01	+7.58	5.25	+1.41	3.18	−2.71	11.71	+6.26	0.38	−4.45	8.68	+5.09	1.66	−2.01	0.90	−2.09	1.65	−0.85	1.50	−0.64	48.82	+ 5.59
ardy	0.76	−3.52	2.65	−0.63	3.01	−1.24	5.09	+0.51	3.11	−1.84	5.35	+1.02	.....	.....	3.28	−1.23	0.81	−3.32	0.95	−1.68	6.23	+2.93	2.00	−1.58	.....	.....
elena	2.07	−3.33	6.86	+1.96	10.19	+4.15	12.18	+6.76	1.76	−2.68	3.50	+0.47	4.38	+0.54	6.30	+2.47	3.62	+0.10	1.16	−1.20	5.56	+1.11	3.54	−1.54	61.12	+ 7.87
igden	1.43	.....	2.39	.....	4.84	.....	6.85	.....	5.49	.....	4.30	.....	2.27	.....	5.58	.....	2.53	.....	0.22	.....	7.75	.....	3.46	.....	47.11	.....
ope	3.39	−1.71	2.50	−1.62	6.06	+0.84	8.92	+3.63	1.27	−4.09	4.23	+0.17	3.51	−1.08	2.95	−0.50	5.68	+2.66	0.59	−2.65	3.89	−0.68	3.05	−1.40	46.04	− 6.78
ot Springs	1.61	−3.49	4.83	+0.96	7.21	+2.13	9.07	+3.01	0.00	−6.01	3.40	+1.34	1.35	−2.69	4.40	+0.57	3.29	−0.29	0.49	−2.21	5.89	+1.42	3.62	−0.68	45.66	− 8.62
uttig	3.13	−1.11	2.76	−1.72	7.72	+2.50	6.10	+1.51	4.27	−1.51	2.21	−1.95	4.47	+0.36	4.43	+0.16	0.67	−2.49	0.39	−1.81	1.73	−1.07	3.21	−1.92	41.09	− 9.05
oneseboro	2.04	−3.14	4.27	−0.01	8.42	+3.98	8.89	+4.80	2.28	−1.62	4.91	+1.23	4.26	+1.13	3.46	−0.33	4.14	+0.56	0.23	−2.77	10.90	+7.71	1.93	−2.68	55.73	+ 8.86
unction	2.11	−1.74	2.97	−0.51	6.04	+0.84	4.74	+0.13	2.64	−1.99	4.01	+0.08	0.72	−3.40	0.37	−3.02	2.21	−0.08	0.51	−2.12	1.19	−2.24	1.78	−2.20	29.29	−16.25
ittle Rock	1.52	−3.27	6.86	+2.68	7.03	+2.09	7.40	+2.89	0.75	−4.35	4.67	+0.58	1.44	−2.55	7.08	+3.43	2.18	−1.08	0.14	−2.41	3.89	−0.70	2.58	−1.66	45.54	− 4.35
utherville	1.05	−2.69	4.35	+1.00	5.73	+2.02	7.20	+3.06	1.95	−3.34	3.56	−1.13	1.23	−2.35	4.59	+0.14	4.35	+0.71	0.48	−3.08	6.53	+3.16	2.81	−0.81	43.83	− 3.31
agnolia	3.18	.....	1.74	.....	6.27	.....	8.58	.....	2.21	.....	5.94	.....	1.56	.....	.....	.....	2.90	.....	.....	.....	.....	.....	1.35	.....	.....	.....
alvern	2.39	−3.26	3.08	−0.60	7.57	+2.76	10.19	+5.24	1.53	−3.25	5.77	+1.73	4.90	+1.48	7.85	+4.39	3.57	+0.49	0.70	−1.61	2.80	−1.83	4.78	+0.22	55.13	+ 5.76
ammoth Spring	0.94	−2.65	1.91	−1.50	5.87	+2.83	7.52	+2.06	1.75	−2.41	3.44	−1.02	1.32	−2.68	5.19	+0.74	2.23	−2.25	0.51	−2.18	7.87	+4.77	1.99	−0.89	40.54	− 5.18
arianna	2.12	.....	6.72	.....	8.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.28	.....	1.00	.....	4.21	.....	2.59	.....	.....	.....
arked Tree	2.35	−2.45	7.17	+3.16	7.10	+3.13	8.40	+2.71	2.91	−1.51	3.07	−0.05	2.55	−0.40	7.51	+3.55	2.93	−0.56	0.85	−3.69	7.28	+2.85	2.60	−1.73	54.75	+ 6.13
arshall	1.80	.....	4.84	.....	7.67	.....	7.53	.....	2.92	.....	2.83	.....	1.96	.....	3.64	.....	2.46	.....	0.75	.....	9.05	.....	1.79	.....	47.24	.....
lena	2.64	−1.16	3.18	−0.22	2.98	−2.08	10.51	+5.05	2.36	−4.51	9.31	+4.45	3.36	−1.06	8.59	+3.82	3.25	−0.35	0.93	−2.82	6.07	+2.70	2.74	−1.39	55.92	+ 2.93
orrillton	.....	.....	.....	.....	.....	.....	.....	.....	2.09	.....	6.11	.....	2.22	.....	7.57	.....	2.38	.....	0.44	.....	7.59	.....	3.20	.....	.....	.....
ountain Home	1.69	.....	2.97	.....	7.35	.....	6.94	.....	1.81	.....	4.66	.....	0.87	.....	6.50	....	4.43	.....	1.03	... ..	6.15	.....	2.89	.....	47.29	.....
ount Ida	2.39	−2.13	3.12	−1.55	6.35	+1.78	8.42	+2.85	0.84	−5.37	7.29	+2.87	3.01	−0.81	10.72	+7.39	1.04	−2.24	0.27	−2.95	6.42	+2.33	2.73	−1.58	52.60	+ 0.59
urfreesboro	2.34	.....	1.78	.....	4.92	.....	7.44	.....	1.94	.....	5.55	.....	3.33	.....	4.40	.....	2.48	.....	0.48	.....	2.46	.....	2.80	.....	39.92	.....
ail	2.64	−1.44	5.26	+2.28	5.79	+0.45	8.33	+3.14	2.08	−4.46	9.25	+4.19	2.20	−2.94	3.66	+0.15	2.38	−2.29	0.37	−0.34	4.70	+1.39	2.05	−1.54	48.71	− 4.41
ewport	0.50	−4.45	3.91	−0.03	8.70	+4.32	7.23	+2.47	4.58	+0.57	5.09	+1.47	2.27	−0.82	4.97	+1.47	3.62	−0.27	1.21	−1.19	7.37	+2.87	1.53	−2.29	50.98	+ 4.12
kay	1.40	.....	3.06	.....	9.17	.....	6.54	.....	.....	.....	4.94	.....	2.39	....	7.50	....	3.59	.....	...	.....	7.56	.....	2.08	.....	.....	.....
sceola	2.20	−2.60	4.80	+0.67	7.17	+1.75	9.25	+5.35	3.15	−1.44	1.41	−2.06	2.71	−0.80	7.13	+4.17	1.88	−0.84	0.55	−1.68	6.55	+1.73	3.05	−1.05	49.85	+ 3.20
zark	2.24	−0.23	4.98	+2.29	3.69	−0.86	7.16	+3.06	3.23	−2.94	4.48	+0.09	0.30	−3.46	2.83	−1.08	3.07	+0.10	0.91	−2.05	7.10	+4.15	2.00	−1.31	41.99	− 2.24
atterson	3.48	.....	7.24	.....	7.15	.....	8.63	... .	2.32	.....	4.43	.....	0.50	.....	7.30	.....	3.13	... .	T.	.....	6.90	.....	1.45	.....	52.53	.....
ine Bluff	2.37	−2.95	4.43	+0.16	6.69	+1.56	11.33	+6.13	1.46	−3.29	4.35	+0.56	1.68	−2.18	4.98	+1.78	3.91	+0.38	0.88	−1.47	4.66	+0.41	3.27	−1.90	50.01	− 0.81
ocahontas	1.40	−3.03	2.70	−0.86	6.05	+1.47	7.27	+2 69	2.95	−1.75	3.65	−0.07	3.42	−1.28	7.15	+2.80	3.28	−0.29	0.80	−1.87	9.90	+6.67	2.90	−0.63	51.47	+ 3.85
ortland	3.62	−1.01	2.60	−1.99	5.57	+0.18	6.26	+1.56	3.80	−2.13	3.51	−0.28	2.40	−2.37	3.73	−0 07	4.89	+1.89	T.	−2.43	2.48	−1.02	4.23	−1.54	43.09	− 9.31
rescott	3.29	−1.11	1.92	−1.59	5.13	+0.71	7.31	+2.22	1.38	−3.81	4.57	+0.95	3.27	+0.03	3.23	−0.10	6.05	+3.06	.....	.....	.....	.....	.....	.....	.....	.....
rinceton	3.12	−1.68	2.69	−1.32	7.92	+3.72	9.32	+3.14	1.73	−3.76	4.49	+0.24	3.65	−0.43	2.81	−0.45	4.39	+1.08	0.52	−1.88	2.80	−1.33	3.48	−2.22	46.87	− 4.89
ison	3.07	−2.79	3.16	+0.20	6.06	+1.49	9.50	+5.79	2.00	−1.66	2.76	−1.32	1.89	−1.63	3.47	+0.53	2.24	−1.67	0.58	−1.95	3.02	−0.39	3.17	−0.59	49.92	− 3.99
ogers	1.34	−1.34	2.56	+0.56	7.12	+3.62	5.94	+1.70	3.09	−2.19	4.42	−0.31	1.64	−2.76	6.67	+3.26	2.82	−0.80	1.25	−1.45	2.17	−0.47	2.10	−0.06	41.12	− 0.24
earcy	1.30	.....	4.20	.....	9.05	.....	5.96	.....	1.96	.....	2 88	.....	2.50	.....	7.55	....	2.21	.....	0.23	.....	13.77	.....	1.94	.....	53.55	.....
pringbank	3.68	+0.27	2.21	−1.37	5.26	+1.08	9.74	+3.30	2.76	−1.16	10.24	+6.53	4.24	+1.24	0.75	−3.12	4.44	+1.14	1.47	−0.40	1.10	−1.98	3.47	−1.46	49.56	− 4.07
uttgart	1.72	−3.41	5.32	+1 21	8.90	+3.47	11.70	+6.89	1.98	−2.83	3.46	−0.61	1.27	−3.09	4.61	+1.02	3.84	+0.34	0.22	−2.54	4.05	−0.02	2.79	−2.10	49.86	− 1.67
ubiaco	1.70	−1.58	3.87	+0.92	5.29	+1.45	7.05	+3.00	2.48	−3.59	3.88	−0.14	1.67	−1.81	6.13	+2.12	5.44	+2.14	0.37	−2.72	8.67	+5.76	1.46	−1.55	48.01	+ 4.00
exarkana	3.30	+0.21	1.57	−1.39	5.91	+1.97	10.37	+5.63	2.81	−1.38	4.65	−1.10	5.25	+2.10	1.76	−1.25	4.16	+1.37	0.94	−1.26	4.02	+1.00	3.79	+0.24	48.53	+ 8.34
mphers	2.96	.....	2.34	.....	5.13	.....	7.06	.....	1.30	.....	3.56	.....	2.89	.....	6.73	.....	5.34	.....	0.82	.....	3.21	.....	2.41	.....	43.75	.....
aldron	1.13	.....	4.54	.....	3.47	.....	10.41	.....	1.90	.....	5.0	.....	1.37	.....	7.56	.....	5.72	.....	1.12	.....	10.48	.....	2.42	.....	55.12	.....
arren	2.98	−1.78	3.31	−1.25	4.57	−0.95	6.43	+1.16	2.25	−2.44	2.16	−1.89	3.39	−0.28	4.44	+0.58	4.15	−0.45	0.35	−2.80	2.08	−1.73	2.99	−2.59	39.10	−14.42
hitecliffs	2.50	−0.47	1.00	−2.49	4.60	+0.74	6.00	+0.29	0.30	−5.39	5.45	−1.93	3.21	+1.27	6.05	+1.63	5.90	+3.62	0.40	−1.86	2.20	−0.42	.....	.....	.....	.....
ynne	0.95	−4.46	5 65	+1.97	5.60	+1.54	9.60	+4.23	2.10	−1.60	5.05	+1.91	2.37	−1.11	7.72	+3.30	2 95	−0.55	1.32	−1.99	7.22	+4.41	3.80	−0.98	54.33	+ 6.67

In the above table the departures from the normal precipitation are based on records from stations that have ten or more ears of observations.

Monthly and Annual Mean Temperatures for the Year 1921, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Amity	45.7	+ 2.4	46.0	+ 3.2	58.4	+ 4.1	56.8	− 5.3	68.1	− 1.7	77.2	+ 0.4	80.4	+ 0.1	81.0	+ 1.3	79.4	+ 5.3	59.4	− 3.3	52.8	+ 0.5	46.2	+ 3.2	62.6	+ 0.8
Batesville	42.4	+ 3.7	44.0	+ 3.9	55.6	+ 3.5	55.4	− 4.0	.....	.....	78.0	+ 2.1	82.8	+ 2.4	80.0	+ 1.4	78.8	+ 6.4	58.9[c]	− 2.6	50.8	+ 0.4	43.0	+ 2.7	.....	.....
Bee Branch	44.8	+ 3.5	45.8	+ 4.4	60.0[a]	+ 7.9	58.6[a]	− 2.3	69.2	+ 0.8	79.5	+ 3.2	83.2	+ 3.3	81.3	+ 2.1	79.6	+ 5.2	61.0	− 1.2	52.7[a]	+ 1.1	44.9	+ 2.5	63.4	+ 2.5
Bentonville	42.3	+ 8.2	44.0	+ 5.5	56.0	+ 8.7	56.6	− 0.3	66.7	+ 0.3	75.0	+ 1.1	79.0	+ 0.5	78.4	+ 1.9	76.1	+ 7.2	59.2	+ 1.2	51.0	+ 3.3	41.6	+ 4.1	60.5	+ 3.6
Booneville	48.1	.....	49.0	.....	64.4	.....	61.2	.....	71.4	.....	78.5	.....	83.1	.....	82.9	.....	80.8	.....	64.6	.....	56.2	....	49.0	.....	65.8	.....
Brinkley	48.1	+ 5.9	48.8	+ 6.5	61.7	+ 8.7	59.8	− 1.9	69.6	− 0.2	79.9	+ 2.4	83.1	+ 2.9	83.4	+ 3.6	81.8	+ 7.7	63.0	+ 1.0	56.2	+ 4.6	48.4	+ 5.1	65.3	+ 3.9
Calico Rock	42.6	.....	45.2	.....	57.2	.....	59.0	.....	69.0	.....	78.8	.....	82.2	.....	80.6	.....	79.6	.....	59.6	.....	51.9	.....	43.2	....	62.4	.....
Camden	48.8	+ 3.7	49.4	+ 2.8	60.9	+ 5.2	59.6	− 4.0	69.8	+ 1.4	78.4	+ 0.3	81.2	+ 0.2	82.0	+ 1.7	80.2	+ 5.1	61.2	− 2.4	56.1	+ 2.7	48.4	+ 3.0	64.7	+ 1.6
Centerpoint	50.2	+ 4.7	49.4[f]	+ 3.6	62.8	+ 6.0	59.1[a]	+ 3.9	71.1	− 0.2	78.2	− 0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conway	47.2	+ 6.6	48.0	+ 5.5	62.0	+ 9.4	61.0	− 1.0	70.6[a]	+ 1.1	79.8	+ 2.7	8.26	+ 1.9	82.4	+ 2.6	81.9	+ 8.1	62.0	+ 0.8	54.6	+ 4.0	47.3	+ 5.1	65.0	+ 3.9
Corning	44.5	+ 7.4	46.2	+ 9.2	59.8	+ 9.6	60.5	+ 1.1	69.0	+ 0.6	79.6	+ 4.3	83.1	+ 4.3	79.8	+ 1.7	76.2	+ 4.1	55.7	− 3.4	50.6	− 0.2	43.2	+ 2.2	62.4	+ 3.4
Dardanelle	44.4[d]	+ 4.5	45.2	+ 2.4	59.6	+ 7.5	58.2	− 2.7	.....	.....	79.3[a]	+ 2.2	82.2	+ 1.3	82.0	+ 2.5	80.2	+ 5.9	.....	.....	54.4[j]	+ 2.4	47.1	+ 6.8	.....	.....
Dodd City	42.7	+ 6.6	43.8	+ 5.5	57.2	+ 8.1	56.8	− 3.0	65.1	− 2.2	74.6	− 1.0	78.4	− 0.9	78.0	+ 0.2	76.0	+ 4.3	58.8	− 1.0	50.4	+ 2.1	43.1[c]	+ 4.2	60.4	+ 1.9
Dumas	50.5	+ 7.2	50.6	+ 5.7	63.4	+ 6.4	60.6	− 0.7	75.6	+ 4.2	80.8	+ 2.8	82.9	+ 1.7	82.4	+ 1.6	80.8	+ 6.2	60.4	− 4.8	56.9	+ 3.5	48.8	+ 3.2	66.1	+ 3.1
Dutton	40.5	+ 3.9	42.4	+ 5.6	56.2	+ 8.5	54.6	− 1.5	64.3	0.0	73.5	+ 2.1	77.2	+ 2.1	76.8	+ 1.9	73.8[g]	+ 5.4	56.2	− 2.6	49.9	+ 1.9	43.2	+ 5.8	59.0	+ 2.8
El Dorado	53.2[f]	+ 6.8	52.4	+ 6.3	65.6[c]	+ 9.7	61.6[j]	− 1.9	71.4	+ 0.5	79.6	+ 0.7	81.5	+ 0.2	84.2	+ 3.3	82.7	+ 6.1	64.6	0.0	60.3	+ 5.2	52.6	+ 7.2	67.5	+ 3.7
England	47.2	+ 2.4	50.3	+ 5.3	63.1	+ 8.5	61.6	− 1.0	71.2	+ 1.4	79.8	+ 2.0	83.4	+ 1.9	82.7	+ 2.7	81.6	+ 4.7	63.0[d]	+ 0.7	57.0[e]	+ 3.2	48.6	+ 6.3	65.8	+ 3.2
Eureka Springs	44.1	+ 5.8	46.0	+ 7.0	57.4	+ 7.0	58.2	− 0.3	68.0	+ 1.1	75.3	+ 1.6	80.7	+ 2.9	79.3	+ 1.6	76.4	+ 4.7	61.6	+ 1.8	54.7	+ 3.8	44.4	+ 5.8	62.2	+ 3.6
Fayetteville	45.0[e]	+ 7.7	46.1	+ 9.1	57.6	+ 8.4	58.0	− 0.7	68.6	+ 2.0	75.6	+ 1.5	79.2	+ 1.5	80.8[c]	+ 3.6	77.0	+ 4.7	61.3	+ 0.8	54.3	+ 4.5	43.7[a]	+ 4.3	62.3	+ 4.0
Fort Smith	45.6	+ 7.3	46.8	+ 5.0	60.8	+ 9.5	60.2	− 1.5	71.4	+ 1.7	78.6	+ 1.8	82.7	+ 1.7	82.7	+ 3.3	80.1	+ 7.4	63.2	+ 1.5	54.2	+ 4.3	45.2	+ 3.5	64.3	+ 3.8
Gillett	49.6	.....	48.7[b]	.....	62.0[g]	.....	60.8[c]	.....	69.6[c]	.....	79.6[b]	.....	82.7[k]	.....	82.4[b]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grannis	46.0	.....	47.6	.....	59.4	.....	56.8	.....	66.2	.....	74.8	.....	78.6	.....	79.3	.....	77.4	.....	61.3	.....	55.9[j]	.....	49.5	.....	62.7	.....
Gravette	42.4	+ 5.2	43.2	+ 6.5	56.2	+ 6.8	56.2	− 0.6	66.5	+ 0.9	74.8	+ 1.4	78.8[c]	+ 1.6	78.2	+ 1.0	76.3	+ 5.4	58.2	− 1.2	52.8[a]	+ 3.4	42.1	+ 4.9	60.5	+ 2.9
Hardy	44.6	+ 6.0	48.6[a]	+10.2	57.7[a]	+ 8.1	59.4[f]	+ 0.4	67.2[d]	− 0.1	75.5[c]	+ 0.4	82.2[b]	+ 3.1	80.4[b]	+ 2.0	78.8[c]	+ 6.3	....	.....	51.8[f]	+ 1.1	45.0[f]	+ 6.0	.....	.....
Hope	50.0	+ 5.9	52.4	+ 5.2	63.0[a]	+ 7.8	60.8[a]	− 2.9	72.6	+ 1.4	79.8	+ 2.2	82.5[a]	+ 2.2	84.2	+ 4.7	82.1	+ 8.0	64.0	+ 1.1	57.3	+ 3.9	51.2[a]	+ 4.6	66.7	+ 3.7
Hot Springs	48.6[c]	+ 5.4	48.2	+ 2.1	59.6	+ 6.4	57.6	− 2.4	.....	.....	79.5	+ 2.4	82.8	+ 1.7	83.8	+ 4.3	79.7	+ 4.7	64.4	+ 0.7	54.6[g]	+ 3.8	48.6	+ 4.2	.....	.....
Huttig	57.1	+ 8.3	58.9	+ 9.4	.....	.....	66.8	+ 1.5	.....	.....	81.9	+ 2.8	88.2	+ 2.1	86.2	+ 6.4	.....	.....	83.8	+ 7.3	65.2	+ 0.6	61.6	+ 6.5	54.3[a]	+ 7.2
Jonesboro	45.6	+ 4.6	48.0	+ 7.6	61.5	+ 9.1	61.0	− 0.2	70.3	+ 0.3	81.8	+ 4.5	84.2	+ 3.9	83.0	+ 3.3	81.8	+ 7.6	61.6	− 1.0	54.6	+ 3.1	46.6	+ 6.2	65.0	+ 4.1
Junction	51.8	+ 5.8	53.8	+ 7.9	65.4	+ 8.6	62.2	− 1.3	71.2	− 0.4	81.3	+ 2.7	83.4	+ 2.2	84.6	+ 4.2	82.1	+ 6.6	65.6	+ 1.7	56.3	+ 2.3	51.7	+ 6.2	67.4	+ 3.9
Little Rock	47.2	+ 6.6	49.0	+ 4.9	61.3	+ 8.6	60.4	− 2.3	70.9	+ 0.5	79.0	+ 1.8	82.2	+ 1.6	81.4	+ 2.2	79.6	+ 6.5	62.9	0.0	55.8	+ 4.3	48.0	+ 4.5	64.8	+ 3.3
Lutherville	46.3	+ 5.8	46.4	+ 5.9	60.4	+ 8.6	59.2	− 0.1	70.0	+ 2.3	77.4	+ 2.2	82.0	+ 2.8	82.0	+ 3.5	79.6	+ 6.1	63.0	+ 1.8	55.2	+ 4.0	47.0	+ 6.4	64.0	+ 4.1
Magnolia	50.8[b]	.....	52.6[h]	.....	64.8	.....	62.2	.....	72.5[b]	.....	79.0[b]	.....	82.6	.....	.....	.....	80.6[j]	.....	65.0[a]	.....	59.1	.....	.....	.....	.....	.....
Malvern	50.4[d]	+ 7.3	50.8	+ 6.8	62.4	+ 8.8	59.6	− 1.8	69.4	0.0	77.6	+ 0.2	81.4	+ 0.4	81.9	+ 2.3	79.3	+ 4.9	60.8	− 1.9	55.8	+ 3.3	47.9	+ 4.0	64.8	+ 2.9
Mammoth Spring	44.1	+ 6.9	45.8	+ 8.1	58.6	+ 8.8	58.6	+ 0.5	67.0	+ 1.3	77.3	+ 3.4	80.6	+ 2.8	78.9	+ 1.8	77.0[a]	+ 5.3	57.2	− 0.9	51.6	+ 3.1	43.2	+ 5.2	61.7	+ 3.9
Marianna	47.4	+ 7.1	49.0	+ 6.5	62.8	+ 8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.6	.....	6.6	.....	55.7	+ 4.0	48.0	+ 5.8	.....	.....
Marked Tree	45.5	.....	49.4	.....	58.2	.....	61.8	.....	72.2	.....	81.2	.....	83.0	.....	81.1	.....	79.4	.....	59.0	.....	53.4	.....	44.7	.....	64.1	.....
Marshall	46.2	.....	47.4	.....	60.4[a]	.....	59.8	.....	68.6	.....	78.0	.....	81.7	.....	80.8	.....	78.8	.....	62.9	.....	54.5	.....	46.6[a]	.....	63.8	.....
Mena	46.8	+ 5.0	48.2	+ 5.0	61.0	+ 8.7	58.4	− 3.5	69.6	+ 0.3	76.8	+ 0.9	80.2	0.0	80.5	+ 1.3	78.6	+ 5.8	61.2	− 1.2	55.7	+ 3.2	47.5	+ 4.9	63.5	+ 2.9
Morrillton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80.0	.....	62.0[b]	.....	54.6	.....	47.0	.....	.....	.....
Mountain Home	43.0	.....	46.0	.....	57.8	.....	57.6	.....	66.6	.....	77.2	.....	81.2	.....	79.6	.....	78.0	.....	59.2	.....	52.6	.....	44.4	.....	61.9	.....
Mount Ida	47.0	.....	47.4	.....	61.1	.....	59.0	.....	68.4	.....	76.5	....	80.0	.....	80.2[a]	.....	79.4	.....	59.3	.....	54.6	.....	46.5	.....	63.3	.....
Nail	41.1	+ 3.5	43.3	+ 7.5	54.3	+ 5.4	54.0	− 2.5	65.2	+ 0.7	72.8	+ 1.2	76.4[a]	− 1.1	76.7	+ 0.1	73.8[a]	+ 3.7	59.8[a]	+ 0.8	50.1	+ 1.8	43.3	+ 6.1	59.2	+ 2.5
Newport	46.3	+ 7.1	48.5	+ 8.1	61.2	+ 9.8	61.6	− 0.1	71.0	+ 0.9	80.8	+ 3.2	84.0	+ 2.9	81.9	− 2.3	80.1	+ 6.4	61.0	+ 0.1	54.4	+ 3.7	46.3	+ 5.0	64.8	+ 4.1
Okay	44.6	.....	45.8	.....	58.7[d]	.....	.....	.....	.....	.....	74.8	.....	78.8[d]	.....	76.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Osceola	44.6	+ 5.2	48.6	+ 6.6	60.2	+ 9.4	57.0	− 4.8	.....	.....	82.0	+ 4.9	84.0	+ 3.9	80.8	+ 2.4	81.0	+ 9.0	60.0	− 0.5	55.4	+ 6.0	51.2	+ 8.0	.....	.....
Ozark	47.0[j]	+ 5.9	46.8[c]	+ 5.6	60.8	+ 6.9	59.2[d]	− 3.3	71.3	+ 1.2	78.4	+ 0.5	83.4[c]	− 1.9	83.8[c]	− 2.2	80.8	+ 4.3	62.6	− 0.9	54.8	+ 2.2	46.8	+ 4.6	64.6	+ 2.0
Pine Bluff	48.6	+ 5.2	52.2	+ 7.4	63.0	+ 8.9	63.2	+ 0.2	72.4	+ 1.1	81.5	+ 2.7	84.2	+ 2.2	84.6	+ 3.4	82.8	+ 7.1	63.7	+ 0.5	57.2	+ 4.2	49.8	+ 5.1	66.9	+ 4.0
Pocahontas	45.0	+ 6.4	47.1	+ 9.1	63.1	+12.1	60.1	+ 0.2	68.9	− 0.2	79.8	+ 3.8	82.6	+ 2.7	80.6	+ 1.5	79.1	+ 6.5	61.0	+ 0.2	55.4	+ 3.5	45.0	+ 5.6	63.8	+ 4.0
Portland	52.0	+ 4.6	53.4	+ 6.4	66.0	+ 9.3	63.4	− 0.2	70.9	0.0	81.7	+ 3.1	83.7	+ 2.4	84.2	+ 3.4	82.6	+ 6.5	63.8	+ 0.4	60.4	+ 6.5	52.4	+ 5.4	67.9	+ 4.0
Prescott	50.2	+ 5.9	51.8	+ 6.7	68.4	+ 8.5	61.6[a]	− 1.2	71.7	+ 0.8	80.1	+ 1.6	82.4	+ 0.6	83.6[c]	+ 2.5	82.5	+ 6.6	...	.....	.....	.....	50.4[j]	+ 6.6	.....	.....
Rison	48.8	+ 5.3	50.8[a]	+ 7.6	64.0	+ 9.6	62.8	+ 0.1	72.0	+ 1.3	80.8[d]	+ 3.4	84.6[a]	+ 1.3	84.2[a]	+ 4.0	82.5	+ 7.3	64.0	− 1.2	58.6	+ 5.8	51.0	+ 5.5	67.0	+ 4.6
Rogers	43.2	+ 6.4	44.1	+ 6.5	57.0	+ 8.5	57.0	− 1.2	67.1	+ 1.0	74.6	+ 1.4	79.1	+ 2.3	78.5	+ 1.2	76.1	+ 5.2	58.4	− 1.0	52.4	+ 3.0	43.0	+ 4.6	60.9	+ 3.3
Searcy	45.9	.....	47.0	.....	60.4	.....	57.8	.....	66.6	.....	79.0	.....	83.4	.....	84.4	.....	82.6	.....	61.0[f]	.....	55.1	.....	46.6	.....	64.2	.....
Stuttgart	48.4	+ 5.4	49.1	+ 5.5	62.7	+ 9.6	61.0	− 1.3	70.0	+ 0.2	79.4	+ 2.0	83.7	+ 3.0	82.7	+ 2.9	81.5	+ 7.4	62.8	+ 0.7	56.6	+ 4.7	48.2	+ 4.4	65.5	+ 3.1
Subiaco	47.4[b]	+ 5.7	47.8	+ 6.6	62.6	+ 9.7	60.9	0.0	71.0	+ 1.2	79.2[c]	+ 2.1	84.2	+ 1.5	82.8	+ 1.7	80.6	+ 5.5	63.5	− 0.1	55.5	+ 3.1	48.8	+ 7.1	65.2	+ 3.1
Texarkana	53.4	+ 6.7	54.8	+ 7.6	66.6	+10.6	63.5	− 0.4	74.0	+ 2.5	80.8	+ 1.8	84.0	+ 1.7	84.6	+ 2.6	82.4	+ 5.6	66.4	− 0.9	61.2	+ 5.9	53.4	+ 6.8	68.8	+ 4.1
Umphers	47.3[a]	.....	48.6	.....	61.3[b]	.....	60.4[c]	.....	69.3[a]	.....	77.6[b]	.....	81.0	.....	80.8[b]	.....	77.6[b]	.....	62.4	.....	54.9	.....	48.0	.....	64.1	.....
Warren	51.1	+ 6.3	51.5	+ 6.7	64.4	+ 9.1	62.2	− 0.6	70.7[c]	− 0.3	79.7	+ 1.2	82.6	+ 0.8	83.4	+ 2.2	81.7	+ 5.3	63.6	− 0.2	59.0	+ 5.3	50.6	+ 6.3	66.7	+ 3.9
Wynne	44.9[b]	+ 4.9	49.3	+ 5.3	61.8	+11.0	61.2	+ 0.8	73.0	+ 3.9	81.2	+ 3.8	84.8	+ 4.6	82.4	+ 2.9	81.1	+ 8.0	62.6	+ 1.2	54.2	+ 2.3	45.8	+ 5.5	65.2	+ 4.1

In the above table the departures from the normal temperatures are based on records from stations that have 10 years or more of observations.
Reference letters [a] [b] [c] appearing in the table indicate number days missing: [b] represents two days missing, etc.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII LITTLE ROCK, ARK., JANUARY, 1922. No. 1.

GENERAL SUMMARY.

The mean temperature for the State during the month of January was 39.1° or 1.8° below normal; the average precipitation, 3.63 inches or 1.60 inches below normal. If the past month is compared with January, 1921, quite a temperature contrast is found, January, 1921, being the warmest since 1911, the temperature averaging 6.0° above normal and 7.8° higher than during the past month. Although the mean temperature was 1.8° below normal there were no low temperatures recorded, 10° at Bentonville and Gravette on the 19th being the lowest. Temperatures slightly below zero are usually recorded in the northwestern counties during January. The difference in precipitation between January of this year and last is not marked, both months being considerably below normal. Despite the fact that the precipitation was deficient last month, the number of rainy days is normal, the cloudy days decidedly above normal, and the sunshine correspondingly below. The weather was favorable for farm work in the southern counties, and more than the usual amount of plowing was done, but in the northern counties the ground was frozen most of the month. At the close of the month wheat and oats were in good condition except in the northwestern counties and fruit buds were still dormant.

A tornado occurred near Fallsville, Newton County, about 9:00 a.m. January 4th which killed three people, injured two, and did property damage estimated at $2,000. On January 7th, 9:00 a. m., near Jacksonville, Pulaski County, a tornado killed one negro and did property damage estimated at $5,000.

W. C. H.

TEMPERATURE.

The monthly mean temperature for the State, as determined from the records of 57 stations, was 39.1°, or 1.8° below the January normal, all stations except Bentonville and Fort Smith showing negative departures. The highest monthly mean was 53°, recorded at Junction; the lowest, 33.0° at Dodd City. The highest temperature recorded during the month was 74° at Hutton the 4th; the lowest, 10° at Bentonville and Gravette on the 19th. The greatest daily range was 49° at Mount Ida on the 14th.

PRECIPITATION.

The average precipitation for 72 stations reporting in January was 2.63 inches, or 1.60 inches less than normal, all stations except a few in the extreme south and one in the southeast reporting less than normal. The snowfall averaged 1.9 inches varying from 7.2 inches at Jonesboro to none at a few stations in the southern counties. The monthly totals ranged from 0.77 inch at Morrilton to 7.98 inches at El Dorado. The greatest amount measured in 24 consecutive hours was 2.66 inches at Patterson on the 11th. The average number of rainy days was 7.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement, miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine
Bentonville..	30.14	30.61	24	29.55	10	4,796	28	s.	2	.....	.....	31
Fort Smith..	30.18	30.60	24	29.51	10	6,438	54	sw.	4	80	66	38
Little Rock..	30.18	30.61	24	29.43	10	6,309	41	nw.	11	78	68	45
Memphis....	30.23	30.63	24	29.41	10	6,372	34	w.	4	79	73	46

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 3d, 1; 4th, 4.
Dense Fog:— 8th, 1; 9th, 2; 17th, 1; 18th, 2.
Lunar Halos:— 4th, 1; 8th, 2; 9th, 2; 15th, 1.
Solar Halos:— 6th, 1; 7th, 1; 9th, 1.
Sleet:— 7th, 1; 17th, 2; 19th, 2; 20th, 22; 21st, 6; 22d, 1; 23d, 6; 24th, 7; 25th, 3; 26th, 3; 29th, 2.
Glaze:— 20th, 3; 22d, 1; 24th, 2; 26th, 2.

COMPARATIVE DATA FOR ARKANSAS---- JANUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Trace or more
*Normal**	*40.9*		*79*	*+3*	*2.28*		*12*	*7*	*12*	
1891.....	41.6	+0.7	71	13	5.34	+1.11	10	6	15	17
1892.....	34.7	−6.2	71	−12	2.48	−1.75	18	5	8	
1893.....	38.5	−2.4	72	−13	1.13	−3.10	17	8	6	
1894.....	43.5	+2.6	78	−22	3.63	−0.60	13	8	10	
1895.....	36.9	−4.0	75	−5	5.19	+0.96	9	6	16	
1896.....	41.4	+0.5	74	4	4.09	−0.14	10	6	15	
1897.....	38.9	−2.0	76	−2	6.78	+2.55	13	5	13	
1898.....	45.5	+4.6	81	10	7.93	+3.70	10	8	13	
1899.....	39.3	−1.6	75	−9	5.91	+1.68	12	6	13	
1900.....	43.4	+2.5	79	1	2.69	−1.54	13	7	11	
1901.....	45.6	+4.7	77	7	2.21	−2.02	16	7	8	
1902.....	38.0	−2.9	79	2	4.13	−0.10	11	6	14	
1903.....	40.2	−0.7	80	7	2.60	−1.63	13	8	10	
1904.....	38.9	−2.0	75	−5	3.81	+0.42	15	8	8	
1905.....	33.3	−7.6	73	13	4.58	+0.35	12	8	11	
1906.....	43.1	+2.2	82	−2	5.19	+0.96	14	5	12	
1907.....	49.2	+8.3	82	8	5.80	+1.57	8	7	16	
1908.....	41.7	+0.8	77	6	3.75	−0.48	14	7	10	
1909.....	35.8	−5.9	72	−19	1.79	−2.44	4	7	20	
1910.....	41.8	+0.9	77	7	2.59	−1.64	16	6	9	
1911.....	47.6	+6.7	86	9	1.02	−3.21	8	10	13	
1912.....	34.3	−6.6	79	−16	3.01	−1.22	13	10	8	
1913.....	41.0	+0.1	77	1	3.45	+0.22	12	7	12	
1914.....	46.6	+5.7	82	7	1.57	−2.66	13	9	9	
1915.....	39.3	−1.6	74	−3	4.38	+1.15	10	6	15	
1916.....	44.5	+3.4	82	6	9.39	+5.16	8	4	19	
1917.....	41.0	+3.1	82	4	3.66	−0.57	11	5	15	
1918.....	27.3	−1.6	53	−23	4.39	+0.16	13	4	14	
1919.....	41.4	+0.5	75	−3	3.60	−1.23	16	5	10	
1920.....	39.6	−1.3	82	11	6.49	+2.26	12	4	15	
1921.....	46.9	+6.0	83	6	2.07	−2.16	11	6	14	
1922.....	39.1	−1.8	74	4	2.63	−1.60	8	5	18	

* Based on 30 years record.

Climatological Data for January, 1922.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit: Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches: Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days: With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	29	39.9	— 3.4	68	3	23	12†	44	1.64	—3.02	1.10	0	4	10	3	18	n.	Albert Dillard.
Arkadelphia	Clark	160	26								2.12	—1.82	0.92	0	7	7	0	24	n.	F. J. Carpenter.
Arkansas City	Desha	145	38								5.14	+0.52	1.68	0	13	7	3	21	n.	Geo. E. Payne.
Batesville	Independence	277	23	35.8	— 2.9	65	3†	19	22†	41	2.70	—1.68	1.90	2.0	9	8	5	18	n.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren		30	37.2	— 4.1	65	4	16	22	40	2.50	—1.92	1.50	2.0	6	7	7	17	n.	J. E. Scanlan.
Bentonville	Benton	1303	16	34.8	+ 0.7	64	4	10	19	41	1.37	—1.26	0.77	1.1	6	7	4	20	sw.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	20								3.43	—1.09	2.13	2.8	9	11	3	17	n.	Vernon C. Howe.
Booneville	Logan	925	8	39.9		68	4	20	19	34	1.73		0.98	1.2	9	8	6	17	e.	Supt. Tuberculosis San
Brinkley	Monroe	226	40	40.2	— 2.0	69	14	22	25†	40	2.59	—2.54	1.91	T.	4	7	5	19	n.	H. L. D. Whitson.
Calico Rock	Izard	361	18	36.3		67	4	17	17	43	2.68	—1.96	1.83	3.0	8	12	1	18	n.	J. M. Richardson.
Camden	Ouachita	158	36	41.4	— 3.7	70	16	25	2†	44	3.84	—0.92	1.08	0	13	5	1	25	ne.	A. B. Quarterman.
Clarendon	Monroe	171	18								2.41	—2.07	1.58	T.	10	5	5	21	ne.	J. W. Bishop.
Clinton	Van Buren	550	1								2.90		1.50	1.5	9	9	5	17	n.	Dr. R. M. Hunter
Conway	Faulkner	309	38	39.6	— 1.0	68	4	23	22	39	2.69	—1.60	1.23	1.0	6	11	5	15	e.	E. E. Cordrey.
Corning	Clay	293	22	34.4	— 2.7	56	3†	11	28	30	2.65	—1.23	0.77	5.0	8	11	5	15	ne.	Rev. N. E. Skinner.
Danville	Yell	337	7								1.48		0.58	0.6	5	11	0	20	nw.	J. R. Avera.
Dardanelle	Yell	330	36	39.6	— 0.3	69	4	23	22	33	1.92	—1.39	0.62	0.2	5	8	2	21	.....	J. D. Riley.
Dodd City	Marion	1175	40	33.0°	— 3.1	64°	4†	12°	16†	46	2.83	—0.17	1.17	3.0	5	9°	7°	2°	nw.	Neal Dodd.
Dumas	Desha	162	15	41.7	— 1.6	70	3†	25	2†	32	4.82	—0.18	1.25	0	18	3	8	20	. . .	Ben. Johnson.
Dutton	Madison	1590	20	35.2	— 1.4	63	4	15	16†	41	2.43	—1.86	1.64	0.5	7	9	5	17	w.	J. M. Ricketts
El Dorado	Union	265	18	43.9	— 2.5	72	3†	27	2†	34	7.98	+4.51	1.87	0	15	5	2	24	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	15	41.0	— 3.8	68	4	25	2†	34	2.31	—1.77	1.25	T.	9	8	1	22	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	36.6	— 1.7	64	4	11	19	43	1.64	—1.78	0.82	2.0	4	8	12	11	nw.	George W. Nicholds.
Fayetteville	Washington	1451	36	36.4	— 0.9	63	4	13	19	35	1.48	—1.48	1.10	T	2	5	19	7	n.	University of Arkansas
Fort Smith	Sebastian	481	40	39.0	— 0.7	69	4	18	19	39	2.44	—0.07	1.73	1.3	8	7	4	20	e.	U. S. Weather Bureau
Fulton	Hempstead	264	36								2.79	—1.31	1.57	0	8	6	2	23	e.	T. J. Logan.
Georgetown	White	200	9								2.62		1.73	0.8	8	10	6	15	.....	R. L. Bailey.
Grannis	Polk	921	4	39.9		65	4	23	19†	36	2.32		1.03	T.	12	8	5	18	e.	W. E. Mc Vay.
Gravette	Benton	1250	24	34.8	— 2.4	63	4†	10	19	40	1.33	—1.50	0.60	2.0	4	9	6	16	sw.	A. F. Stevens.
Hardy	Sharp	643	25	36.0[h]	— 2.6	65[h]	4	15[h]	26	38[h]	2.37	—1.91	1.00	3.0	4	7[h]	2[i]	14[h]	n.	Mrs. D. S. Madden.
Harrison	Boone	1052	1	35.9[g]	— 0.6	99[g]	8	15[g]	19	37[g]				1.0		11[g]	1[g]	12[g]	nw.	A. C. Brooks
Helena	Phillips	182	51								2.76	—2.64	1.20	0	14	11	1	19	n.	James A. Burnett
Higden	Cleburne	445	4								2.43		1.80	1.5	5	7	10	14	n.	Arthur Cross.
Hope	Hempstead	377	50	42.2	— 1.9	70	4	25	1	38	2.39	—2.71	1.14	0	11	7	3	21	ne.	N. P. O'Neal.
Hot Springs	Garland	600	29	41.2	— 2.0	68	15	24	22	35	1.90	—3.20	1.33	T.	8	8	19	4	n.	L. M. MacRae.
Huttig	Union		15	45.6	— 3.2	74	4	24	2	40	6.50	+2.26	1.30	0	11	5	4	22	n.	J. L. Collett.
Jonesboro	Craighead	345	27	37.6	— 3.4	64	4	18	24	35	3.24		1.63	7.2	9	11	6	14	ne.	Benedictine Sisters.
Junction‡‡	Union	182	29	45.8	— 0.2	71	15	25	2	32	3.98	+0.13	0.94	0	7	6	5	20	n.	J. A. Lowderback.
Little Rock	Pulaski	286	43	39.8	— 0.8	67	4	24	25	34	1.90	—2.89	1.00	T.	9	7	4	20	n.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	25	38.9	— 0.7	64	14	22	20	35	1.47	—2.27	0.50	1.5	5	11	4	16	e	H. Kauffeld.
Magnolia	Columbia	315	4																. . .	State Agriculture Sch
Malvern	Hot Springs	277	39	40.8	— 2.3	67	4	26	1†	32	2.38	—3.27	1.20	T.	7	5	4	22	n.	Clark Houston.
Mammoth Spring	Fulton	512	17	34.8	— 2.4	64	4	11	28	43	1.74	—1.85	0.64	4.0	4	8	6	17	ne.	W. S. Vincent.
Marianna	Lee	235	13	39.4	— 0.9	64	4	24	2†	27	2.50		1.22	0	11	8	5	18	e.	C. F. Houck.
Marked Tree	Poinsett	229	17	37.4		63	2†	20	23†	37	3.24	—1.62	1.78	0.5	6	9	7	15	sw.	Charles Walton.
Marshall	Searcy	1083	7	37.7		65	4	18	16‡	32	3.16		1.30	3.0	8	8	11	12	nw.	W. F. Reeves.
Mena	Polk	1208	34	39.2	— 2.6	65	4	21	20	35	1.75	—2.05	0.91	0.1	10	9	9	13	ne.	E. W. St. John.
Morrilton	Conway	347	2	39.3[a]		66[a]	4	21[b]	14	38[b]	0.77		0.25	0.5	5	4°	10°	15°	se.	L. W. Jackson.
Mountain Home	Baxter	800	8	35.0		65	4	14	24	42	1.85		0.90	3.0	6	9	2	20	w.	B. S. Halbert.
Mount Ida	Montgomery	730	24	39.6		67	4	18	22	49	1.68	—2.83	1.19	T	2	9	2	20	ne	G. A. Whittington.
Murfreesboro	Pike	367	6								1.20		0.63	0	2	6	6	19	e	Henry A. Davis.
Nail	Newton	2233	29	33.2	— 3.4	60	8†	13	19	39	2.10	—2.02	1.50	1.0	4	10	2	19	n.	Charles Paxton.
Newport	Jackson	231	38	37.8	— 1.4	65	4	19	24	29	3.17	—1.78	2.30	T.	9	5	7	19	n.	George L. Robinson.
Okay	Polk	1700	7	36.6[j]		57[j]	30	19[j]	24	29[j]	2.64		1.40	2.0	5	5[j]	1[j]	15	nw.	U. S. Forest Service.
Osceola	Mississippi	240	22	44.5	— 5.1	67	4	20	24	40	2.08	—2.86	1.80	2.0	2	7	8	16	n.	Atwood P. Smith.
Ozark	Franklin	377	26	40.1	— 1.0	68	4	22	5†	30	2.38	—0.09	1.72	2.0	4	10	5	16	nw	Isham Burrow.
Patterson	Woodruff	196	6								3.30		2.66	1.5	3	9	0	22	n.	W. E. Baker.
Pine Bluff	Jefferson	215	38	41.2	— 2.2	71	4	23	2	30	2.22	—3.10	0.68	0	10	8	0	23	n.	Roy F. Hammond.
Pocahontas	Randolph	300	30	36.0	— 2.6	65	4	15	24	38	2.90	—1.53	0.90	4.0	7	9	8	14	n	Benedictine Sisters.
Portland	Ashley	122	16	44.8	— 3.0	70	3	26	2†	36	6.25	+1.62	1.62	0	15	5	6	20	n.	W. E. Edmiston.
Prescott	Nevada	327	40	42.6	— 1.7	68	4	25	12	39	2.45	—1.95	1.07	0	11	8	4	19	n.	O. J. Stephenson.
Princeton	Dallas	287	15								1.55	—3.25	1.10	0	4	10	0	21	ne.	Foote Coleman.
Rison	Cleveland	243	18	41.5°	— 2.0	70[a]	4	19[a]	2	38[a]	3.08	—2.78	1.26	0	7	4[a]	5[a]	21[a]	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	31	36.1	— 0.4	65	4	12	19	35	1.33	—1.34	0.73	1.2	6	8	5	18	n.	Carl A. Starck.
Searcy	White	236	9	39.8		65	4	20	24	36	2.19		1.34	1.0	8	8	5	18	ne.	Miss Sarah Cypert.
Springbank ††	Miller	240	10								4.67	+1.26	1.25	0	11	7	1	23	ne.	Miss Grace Field.
Stuttgart	Arkansas	228	34	40.6	— 2.4	70	4	24	12†	33	2.23	—2.91	1.23	0	10	5	7	19	n.	H. A. Buerkle.
Subiaco	Logan	1050	25	39.6	— 2.1	69	4	23	22	40	2.21	—1.07	1.51	1.2	7	10	5	16	w.	New Subiaco Abbey.
Texarkana	Miller	332	40	44.7	— 1.9	73	15	26	12	34	3.27	+0.16	1.50	0	7	6	6	19	n.	H. S. Brashear.
Umphers ††	Yell	2000	5	38.8		69	3	22	6†	36	1.85		0.90	2.0	6	12	0	19	n.	U. S. Forest Service.
Waldron	Scott	675	3								1.64		0.84	2.5	7	8	2	21	se.	Dr. Cheves. Bevil.
Warren	Bradley	206	3	43.0	— 1.8	71	4	21	2	34	4.23	—0.53	1.35	0	6	5	5	21	n.	Mrs. J. L. Clegg.
Whitecliffs	Little River		17								1.70	—1.27	1.20	T.	3	7	2	22	ne.	Miss Eulola M. Schirr
Wynne	Cross	250	14	39.2	— 0.8	68	4	21	24†	36	2.14	—3.27	0.50	T.	7	17	0	14	n.	J. M. Larkan.
State Means and Extremes				39.1	— 1.8	74	4	10	19	39	2.63	—1.60	2.66	1.9	7	8	5	18	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in defe
m ning s ction means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appea
ing in the table indicate number of days missing: for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Jun
tion, Randolph, La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for Januasy, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita				.35			T.			1.10														.12		.07				T.			1.64
rkadelphia	do				.25				.10	.92	.30	.10																					2.12
rkansas City	Mississippi			T.		.18			.15	.03	.60	1.68				.70	.05	.12	.60	20	T					.30		.15					5.14
tesville	White				.02	.32			.01		.02	1.90	T				T.	.03			.12										.25		2.70
ee Branch	Arkansas				.35				.10		1.50	.25					.15	T		T.						T.	.20						2.50
ntonville	do				T.	.41					.77										.02			T.		.04	.05				T.	.08	1.37
ack Rock	White					.41			.16			2.13					.10	.20			.04	.16					.15	.10					3.43
ooneville	Arkansas				.31				.06		.98	.03									.02	.07				.02	.14				.10		1.73
rinkley	White											1.91					T	T.	.18		.08						.22						2.39
alico Rock	do				T.	.24				.04		1.85	T.	T.			.03	.11	.03	T.	.16					.24	T.						2.68
amden	Ouachita				.39				.56		1.08	.13				.80	.08				.03		.34	.03	.07	.08				.08	.17		3.84
enterpoint	LittleRiver																																
larendon	White				.25				.26		.02	1.58						.05	.10		.02		.05	T.		.01	.07						2.41
linton	do				.51					.02	1.58	.21					.10	.06		.02	.22					.18							2.90
onway	Arkansas				.71						1.23	.11					.14	T.			.12				T	.38							2.69
orning	White				.35			.10			.40	.77	T.				.36			.03	.20					.44							2.65
rdanelle	do					.50					.50	.42									.06		T.	T.		.04	T.						1.48
odd City	White				.74			.22			1.17	.62									.25									.05			1.92
nmas	Arkansas		.02		.27		.15	.08			1.20	.04			.02	1.25	.22	.04	.90	.02	.03	T	.15	.02	T.	.01							2.83
utton	White				.45		.03				1.64	.12					T			.04	.09					.05							2.43
Dorado	Ouachita		T.		.15		.92	.03	T.		1.46	.05			.03	1.50	.15	T.	1.87	.03	T.		.94	.05	.28	.08				.50	T.		7.98
ngland	Arkansas				.28		.11	.06			1.25	.07					.08	T.	.30		T.		.04		T.	.12			T				2.31
reka Springs	White				.50			.15			.82									T.						.17							1.64
yetteville	do				.48						1.10												T.			T.							1.48
rt Smith	Arkansas				.19		T.	.02			1.73								T.		.13			.01		.10	.03			T.		.23	2.44
lton	Red					.35			T		1.57	.07				15	T.	T.															2.79
orgetown	White				.29			.07			.05	1.73					.02	.07			T.					.08	T.				.30	.08		2.62
illett	Arkansas																										.17	.22					
rranis	Red		.16		.46		.03	.05			1.03	T					T.	.09		.04			.09		.12	.13	.02		.10				2.92
rrette	White				.53						.60									.03			T			.17				T.			1.33
rsh	do				1.00						.60	.50														.27							2.37
rsion	do										1.06		T								.25					.10					.02		1.43
rsha	Mississippi				03	.22			.18		.06	1.20				.44		.08	.10	.02	.02		.12	.04		.06	.18						2.76
rsh	White				.20						1.80						.15	.08								.20							2.43
se	Red				.22		.13	.02			1.14					.19	.05	.01					.29	.04		.15				.15			2.39
t Springs	Ouachita				.22		.01				1.33						.08	.03								.18		.02	.03				1.90
uitz	do				.18		.25	.20			.30					1.20	.20		.18	.30			1.15	.40					.61				6.50
nesboro	White				.40			.07			1.63	.32	.02				.16			.05	.07					.52							3.24
nction	Ouachita			T.	.22		.91				.72				T.	.42			.38				T.	.42					.88			3.98
ttle Rock	Arkansas		T.		.29		.02	.01			1.09						.07	.04	T.	T.		T.	T.		.02	.33			T.		.03	1.90
rberville	do				.45			.06			.50									T.	.25					.21							1.47
guilla	Red																																
lvern	Ouachita					.19	.43	T.	T.		1.20	.20					.22	T.					T.		T.	.18			.05				2.58
mmy Sp	White				.43						.35			T.			.64	T.		T.						.32							4.74
rmanna	Mississippi				.09		.15	.11			1.22	.10				.13	.19		.16		.10		.07			.18							2.50
rked Tree	St. Francis					.41		.04			1.78		T.					.17			.03					T.	.78						3.21
rshall	White				.90						1.32	.33	T.				.04	.05	T.	.08	.06				T.	.32							3.10
na	Ouachita		.01		.34			.07	T.		.91	.15											.09	.02	T.	.10			.01	.02			1.75
rrillton	Arkansas				.24			.11			.25	.12														.05							0.77
untain Home	White				.26						.90	.10					.12	T.		T.	.15					.30							1.83
ntrella	Ouachita				.59						1.19																						1.69
rrespondo	do		.63								.60														T.								1.23
d	White				.50						1.59						T.	T.			.05					.05							2.00
wport	do				.05	.41		.08				2.30					.05	.15	.05		.06					T.	.02						3.17
a	Arkansas			T.	.60			T.			1.40	.10								.31					T.	.20						2.64
eola	Mississippi																T.	T.	T.		T.					.20							2.00
k	do										1.72	.38						T.		.13						.15							2.38
terson	White											2.66															.56						5.34
e Bluff	Arkansas				.32			.25		.36	.68							.12															2.22
ahontas	White				.40			.05			.60	.59				.18		.05					.18		.03		.10			.11			2.90
rtland	Ouachita				.06			.07	.16		1.6						.30				.15					.50							
scott	do			T.	T.	.5			.27	T.	1.07	T				1.05	.27	.02	.47	.45	.18		.85	.20	.16					.35	.01		6.25
nction	Ouachita															.18	.11	.05	T.		T.		.17	.03	.05	.10						2.54
ey	do				.25				.53		1.26	.10					.25				.10										.18		1.55
gers	Arkansas				.41			.04			1.7	.08				.65	.10						.41										3.68
rey	White			T.	.05				.71	.57										T	.04					.02					10	1.34
ingbank	Red							.37	.17	T	.25	.18					.19	.02		.01						.32							2.19
ugart	Arkansas				.31			.13	.09		1.25	T.				1.15	.03	T.	T.		T.		.50	.10	.50	.10			.10	.40		4.67
bacco	do				.25			.05			1.51	.08				.16	.07		.02	T.	.06		.07		T								2.22
arkana	Red				.45			.14			1.50	.02								.18			T.		.02	.08							2.21
mers	Arkansas				.40			.10			.99					.30		T.					.40	.15						.35			3.25
bron	do				.12			.04			.84						.10									.15	.20						1.85
ren	Ouachita		T.		.15				.70		1.35				T.	1.05	T.		.40	T.			.60	T.	T.	T.			T.				1.64
ber Lic	Red																																4.23
rnett	St. Francis				.42			.12	.17		.79												.40	T.	.10				T.	T			1.70
																	.30	.20										.15					2.14

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station: precipitation for ays, midnight to midnight. ‡ Separate dates not recorded. † Included in next measurement. § Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for January, 1922

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
t Smith	Arkansas	22	3.0	2.9	2.9	3.0	3.1	3.1	3.0	3.0	3.0	3.5	3.1	3.2	5.2	5.0	4.6	4.4	4.4	4.0	3.9	3.8	3.6	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.1	3.2
elanche	do	20	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.2	1.3	1.2	3.9	5.0	5.4	4.8	4.3	3.8	3.3	3.0	2.9	2.6	2.5	2.5	2.4	2.1	1.7	1.5	1.4	1.5	1.5	1.5	1.3
le Rock	do	23	0.4	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.7	2.2	4.8	5.7	5.3	4.5	3.9	3.4	2.9	2.7	2.1	2.0	1.6	1.3	1.1	0.8	0.7	0.7	0.6	0.4	0.4
e Bluff	do	25	4.7	4.6	4.5	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.3	4.7	6.0	8.2	9.1	9.0	8.1	7.5	7.0	6.6	6.2	5.7	5.5	5.3	5.5	5.1	4.9	4.7	4.6	4.6	4.5
ck Rock	Black	14	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	9.0	8.0	7.5	7.0	6.0	5.8	5.7	5.6	5.6	5.6	4.8	4.7	4.7	4.8	4.8	4.5	4.4	4.0	4.0	4.0	4.0
ss Rock	White	18	1.2	1.1	2.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.0	2.9	3.7	2.4	3.0	3.3	3.1	2.6	2.4	2.4	2.3	2.0	2.0	1.8	1.1	1.0	0.8	0.6	0.7	1.2	1.1
sville	do	23	7.0	6.8	6.5	7.2	6.5	6.5	6.4	6.5	6.5	6.5	12.4	10.2	10.1	9.5	8.2	9.1	9.1	9.0	8.1	7.8	7.8	7.6	7.5	7.5	6.9	6.8	6.6	6.1	6.0	6.2	6.5
sport	do	26	6.7	6.4	6.1	6.0	5.8	6.0	6.1	6.4	5.8	5.7	5.7	9.8	12.1	11.4	11.0	10.4	10.1	10.1	9.7	9.2	8.3	8.1	7.9	7.4	6.9	6.7	6.4	6.3	6.2	6.1	5.9
rgetown	do	22	9.3	8.7	8.1	7.4	6.4	6.5	6.5	6.5	6.4	6.5	7.8	11.0	15.3	15.5	15.2	14.3	13.5	12.9	12.3	11.7	10.7	9.9	9.1	8.5	7.8	7.3	6.8	6.6	6.4	6.0	5.6
ndon	do	30	18.5	18.3	17.9	17.4	17.0	16.6	16.3	16.2	16.1	16.0	16.6	17.0	18.2	19.6	0.5	21.1	21.5	21.7	21.8	21.7	21.5	21.2	20.7	20.2	19.6	18.9	18.5	17.6	17.0	16.4	15.8
na	Mississippi	42	31.1	32.4	33.3	34.1	34.7	35.2	35.7	35.7	35.7	35.2	31.8	33.8	32	2	30.3	28.3	26.9	26.1	25.8	25.7	25.6	25.5	25.3	25.1	24.8	24.2	23.7	23.1	22.9	22.9	23.0	23.2	23.5
nsas City	do	42	33.0	33.1	34.1	34.9	35.8	36.3	36.7	37.1	37.3	37.5	37.4	37.0	36.5	35.8	35.1	34.7	33.7	32.8	31.8	31.4	31.2	30.9	30.4	30.0	29.6	29.2	28.8	28.4	27.9	27.4	27.2	27.1	27.0
den	Ouachita	49	8.3	7.8	7.2	7.1	7.5	7.5	7.1	7.0	7.0	7.2	7.3	9.8	13.7	15.1	14.1	14.0	13.0	11.0	10.0	9.0	8.3	8.1	8.0	8.0	7.4	7.1	6.9	6.7	6.6	6.5	6.5	6.3
ville	Petit Jean	20	1.7	1.7	1.6	1.6	1.7	1.9	1.8	1.8	1.8	1.7	2.1	3.4	8.2	7.4	5.1	3.7	3.4	3.1	2.9	2.7	2.8	2.6	2.8	3.4	3.1	3.1	3.4	3.0	2.7	2.5	2.4
on	Red	28	7.0	6.4	6.9	6.8	6.9	6.8	6.8	6.8	6.8	7.1	7.9	8.3	9.5	10.0	9.9	9.8	9.3	9.1	8.8	8.2	8.1	8.9	8.6	8.1	7.6	7.2	6.8	6.8	6.7	6.6	6.6
elphia	Ouachita	18	1.1	1.1	1.0	0.9	0.9	0.7	1.3	1.1	1.0	0.9	1.0	2.2	4.7	4.5	3.8	3.2	2.9	2.6	2.3	2.0	1.9	1.7	1.4	1.5	1.5	1.3	1.2	1.0	0.9	1.0	1.1
erson	Ouach	9	6.8	6.8	6.8	6.8	6.8	6.9	7.0	7.3	8.0	8	8.5	8.7	8.6	8.2	8.7	8.4	8.4	8.3	8.1	8.0	7.8	7.6	7.4	7.3	7.6	7.8	7.8	8.0	8.2	8.3	8.3	8.2

Daily Temperatures for January, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	27	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	57	68	63	59	50	44	59	53	51	48	48	50	65	63	57	46	55	31	31	31	44	39	35	36	42	36	49	49	59	62	67	19.9
	Minimum	24	24	32	57	27	24	28	31	39	39	38	23	25	23	23	28	28	34	29	26	28	23	26	31	29	27	32	29	30	31	38	29.1
Batesville §§	Maximum	43	51	65	65	44	42	51	61	52	46	45	43	43	61	54	45	40	50	31	31	31	34	33	32	34	32	37	35	46	45	57	60	45.4
	Minimum	25	21	30	50	26	22	20	20	31	33	39	21	27	22	24	23	21	30	30	25	26	19	24	19	19	22	29	25	25	34	26	26.1
Bee Branch	Maximum	45	44	58	65	54	45	51	53	51	48	49	43	45	62	60	51	43	48	50	27	33	38	39	34	38	41	40	51	46	59	60	47.5
	Minimum	22	22	36	50	22	23	27	36	29	38	33	20	25	22	30	21	25	34	20	19	23	16	24	19	20	25	29	30	30	35	31	27.0
Bentonville	Maximum	38	49	62	64	37	47	52	58	51	46	37	26	23	24	30	26	19	27	20	10	16	19	19	21	19	22	27	27	23	36	37	37	43.9
	Minimum	18	28	49	23	18	22	26	36	32	37	26	23	24	30	26	19	27	20	10	16	19	19	21	19	22	27	27	23	36	37	37	25.7
Booneville	Maximum	44	60	65	68	45	45	45	51	55	50	47	41	46	66	61	50	44	61	54	26	31	37	39	35	35	36	36	44	47	54	61	47.7
	Minimum	25	32	42	39	23	29	30	37	36	42	36	27	28	32	41	26	30	36	29	22	23	23	30	27	24	29	32	27	36	38	44	31.2
Brinkley	Maximum	48	47	61	68	54	46	43	49	51	48	46	45	47	69	60	51	46	59	60	34	36	41	40	32	37	38	38	52	45	56	61	48.6
	Minimum	27	25	43	54	29	27	28	39	41	43	39	24	28	29	40	27	32	42	35	27	29	21	28	23	22	31	22	26	34	38	33	31.9
Calico Rock §§§	Maximum	45	54	66	67	47	46	54	64	58	45	44	42	45	66	53	48	40	49	27	29	37	40	34	32	40	37	40	49	47	61	61	47.3
	Minimum	23	22	29	54	25	20	21	21	30	30	38	22	24	23	24	18	17	30	24	22	24	19	20	18	19	21	28	29	28	33	27	25.3
Camden §§§	Maximum	47	56	69	69	51	48	41	46	52	56	44	52	51	65	70	44	50	68	44	36	45	44	37	33	35	48	39	52	42	56	62	50.1
	Minimum	27	25	31	52	28	29	31	35	40	40	41	26	27	25	26	32	34	38	43	30	30	30	31	27	29	30	32	33	33	40	41	32.8
Conway	Maximum	45	49	62	68	50	45	49	50	51	47	48	44	46	65	56	48	41	54	49	39	34	42	39	37	37	40	42	50	45	58	62	48.0
	Minimum	25	25	45	50	26	27	26	40	33	42	37	25	29	26	33	26	29	39	26	25	27	23	30	25	25	30	34	32	35	37	35	31.2
Corning	Maximum	42	40	56	56	56	39	47	50	51	43	43	39	33	55	55	43	36	45	45	27	31	32	32	27	32	33	35	39	41	46	54	42.0
	Minimum	23	24	39	55	26	22	25	38	34	39	37	22	28	25	30	22	24	29	26	24	25	22	17	15	17	27	29	11	23	29	28	26.9
Dardanelle	Maximum	49	50	58	69	52	44	49	52	50	48	49	43	48	58	60	50	40	52	50	32	38	39	40	39	38	40	46	46	56	60	47.7
	Minimum	25	27	44	43	26	26	24	39	33	42	38	26	31	25	32	27	30	38	35	26	27	23	32	29	27	33	33	39	44	46	57	56	44.4
Dodd City	Maximum	.....	.....	.....	64	42	41	47	58	56	49	42	37	50	64	58	40	37	48	46	24	33	36	32	32	27	32	33	35	39	41	46	54	42.0
	Minimum	.....	.....	.....	18	18	16	17	34	29	32	30	18	18	22	25	12	19	28	13	14	20	12	21	13	16	23	26	23	29	33	28	21.7
Dumas	Maximum	36	48	70	70	56	48	45	50	52	52	52	48	50	61	54	54	50	66	64	38	38	40	42	35	35	38	40	48	45	52	54	49.4
	Minimum	29	25	45	52	31	29	35	40	40	40	38	25	31	31	45	33	37	46	32	29	32	29	33	28	28	29	33	25	33	37	35	34.0
Dutton	Maximum	40	42	58	63	43	49	57	59	58	49	45	37	52	58	57	45	42	52	52	29	31	40	40	37	41	37	34	41	42	37	52	45.9
	Minimum	23	31	40	36	19	17	16	33	23	34	25	25	24	25	25	15	19	29	15	17	21	16	28	23	20	27	22	22	34	30	30	24.6
El Dorado	Maximum	54	51	72	70	55	48	45	48	48	58	54	51	52	65	72	59	48	70	69	37	41	44	43	36	34	44	43	54	45	54	58	52.3
	Minimum	29	27	48	54	31	29	37	38	40	46	39	27	31	34	45	35	36	47	35	28	32	32	32	28	29	29	35	35	39	35	38	35.3
England	Maximum	46	49	65	68	55	46	40	41	48	49	47	48	49	65	60	52	43	64	60	37	37	45	41	32	34	39	42	49	44	58	63	48.8
	Minimum	27	25	47	54	30	28	29	39	40	44	40	25	30	31	37	29	34	45	30	27	29	25	31	25	26	31	28	35	33	38	39	33.9
Eureka Springs	Maximum	42	48	62	64	42	50	59	60	57	49	42	35	42	63	56	48	54	55	51	24	40	41	40	29	38	33	35	44	46	60	56	47.4
	Minimum	16	27	42	26	16	19	22	36	37	37	29	22	22	31	31	18	24	34	11	15	19	21	25	16	19	25	27	27	33	36	36	25.8
Fayetteville	Maximum	38	44	60	63	39	51	58	58	55	49	44	46	42	62	58	47	48	55	33	25	38	43	37	37	39	38	33	45	50	58	59	46.8
	Minimum	19	27	42	29	18	21	24	37	31	39	29	22	24	30	23	21	28	30	13	15	19	19	28	21	22	28	27	22	28	33	38	26.1
Fort Smith	Maximum	42	49	67	69	45	45	50	53	52	50	42	45	45	66	54	44	44	56	30	28	38	40	39	38	36	40	36	43	48	56	59	46.7
	Minimum	26	31	47	30	24	30	29	40	36	42	33	28	29	31	36	29	33	30	18	23	24	26	30	25	27	30	32	29	38	41	42	31.2
Grannis	Maximum	46	47	63	65	50	51	46	53	53	53	49	49	49	63	63	55	42	56	55	30	40	39	40	40	38	40	41	43	45	56	59	48.9
	Minimum	24	29	44	41	24	27	29	37	34	43	35	25	26	25	24	27	32	42	23	23	25	24	32	30	27	35	30	30	32	38	41	30.9
Gravette	Maximum	40	48	60	63	39	45	53	58	54	47	41	39	43	63	59	46	46	55	41	26	40	41	39	32	37	36	34	44	50	56	53	46.1
	Minimum	13	25	43	28	14	19	26	33	27	30	29	17	19	23	24	15	20	32	10	15	15	15	24	18	22	27	28	18	34	34	34	27.2
Hope	Maximum	50	52	67	70	50	50	44	48	49	55	52	51	53	66	63	58	47	65	48	36	43	43	42	38	37	41	41	40	43	54	62	50.4
	Minimum	25	29	45	41	27	28	34	38	41	48	44	27	30	28	28	33	35	45	31	29	32	29	28	29	29	31	36	33	38	39	45	34.1
Hot Springs	Maximum	48	49	61	67	51	65	46	49	51	50	50	46	47	64	68	60	42	58	57	39	34	42	41	37	37	39	38	48	52	58	62	49.9
	Minimum	27	27	46	50	27	41	27	32	37	41	38	28	30	29	35	28	32	42	28	26	27	24	31	29	27	30	32	28	31	34	41	32.2
Huttig	Maximum	59	55	73	74	57	51	49	49	49	61	58	52	53	67	74	73	52	72	71	40	39	44	46	42	42	42	43	50	49	53	61	54.8
	Minimum	31	24	49	55	32	31	40	41	43	47	40	27	32	27	42	34	37	46	39	30	33	32	36	30	30	33	55	33	39	38	38	36.4
Jonesboro	Maximum	45	47	59	64	53	40	48	56	59	46	46	42	41	60	54	46	41	51	55	30	31	33	35	30	34	34	35	44	42	56	57	48.4
	Minimum	25	23	39	53	27	25	28	41	45	36	35	23	30	25	39	24	29	35	27	25	27	23	20	18	19	29	30	19	31	34	34	29.4
Junction	Maximum	60	54	70	68	54	49	46	47	52	57	51	48	59	63	71	62	67	61	53	57	55	58	48	46	44	50	51	56	58	59	55	55.8
	Minimum	31	25	40	49	33	28	33	41	40	40	27	26	27	31	43	41	43	44	37	31	35	36	33	31	29	30	33	36	41	43	47	35.7
Little Rock	Maximum	43	19	64	67	45	44	43	50	48	48	47	45	45	63	55	44	45	60	48	31	35	42	35	33	35	39	39	47	44	55	58	46.6
	Minimum	29	30	48	35	29	28	30	38	38	43	34	28	30	30	40	29	32	44	6	26	28	28	25	24	30	36	36	37	44	45	56	32.4
Lutherville	Maximum	44	42	58	59	46	46	52	51	54	51	47	40	43	64	61	47	42	49	49	26	51	58	39	39	36	36	37	44	45	56	58	46.1
	Minimum	33	29	42	52	26	26	29	45	31	45	40	25	27	29	38	24	30	37	21	22	25	24	31	20	25	27	30	31	36	37	38	31.7
Malvern	Maximum	52	48	62	67	58	44	45	47	49	52	50	44	46	60	61	56	45	58	56	45	36	41	44	43	36	34	44	43	54	45	54	58	52.3
	Minimum	26	30	47	57	27	28	30	39	42	46	30	27	29	28	30	29	31	44	33	27	29	26	30	29	28	32	33	28	28	39	40	33.5
Mammoth Spring	Maximum	43	44	56	64	50	41	53	59	53	48	44	33	38	63	59	42	39	42	45	27	33	38	35	30	37	34	39	47	45	50	55	46.8
	Minimum	23	19	19	50	25	21	21	39	27	38	35	26	27	20	25	18	18	29	22	21	25	19	20	15	17	27	30	11	21	29	26	24.1
Marianna	Maximum	48	41	60	64	54	42	42	49	47	47	46	40	46	66	60	55	55	55	49	59	59	31	35	38	38	32	35	36	37	38	39	46.3
	Minimum	28	24	40	53	31	28	31	40	40	43	40	26	34	30	39	29	34	42	32	28	30	29	24	24	31	32	28	32	32	32	32	32.0
Marked Tree §§§	Maximum	52	63	63	45	42	47	49	47	46	44	40	42	60	60	55	45	48	58	40	33	42	30	33	36	37	36	47	45	59	58	57	48.5
	Minimum	23	26	52	29	26	26	29	41	37	4	22	26	25	32	26	26	31	26	27	26	33	22	20	20	23	31	23	24	36	37	39	28.2
Marshall	Maximum	41	45	63	65	48	40	48	62	60	57	43	38	42	62	56	42	42	50	50	26	33	37	35	31	35	35	40	53	53	57	59	46.7
	Minimum	22	28	41	45	22	21	23	39	37	41	32	23	27	30	31	18	28	35	18	18	24	23	25	18	19	25	30	34	32	38	38	28.7
Mena	Maximum	45	57	53	65	47	40	45	57	58	48	48	45	48	67	58	47	42	5	40	22	21	2	25	32	26	26	31	31	30	35	37	4	31.0
	Minimum	26	26	45	38	25	28	28	37	36	45	33	25	29	28	37	27	31	40	22	21	2	25	32	26	26	31	31	30	34	37	40	4	31.0
Morrilton	Maximum	.....	49	64	66	47	41	46	49	48	47	48	43	47	64	60	51	41	51	52	32	39	39	37	37	39	39	47	45	56	58	57	51.1
	Minimum	.....	27	42	47	27	27	26	39	33	41	38	28	31	26	34	26	2	36	28	2	26	23	.....	21	27	29	33	32	36	38	37	25.5
Mountain Home	Maximum	42	46	60	65	44	43	52	60	56	58	45	42	42	64	48	43	37	44	46	27	26	38	36	30	37	35	42	45	46	58	57	45.6
	Minimum	19	21	39	38	20	18	20	38	28	35	31	21	27	22	21	17	22	28	18	18	2	19	22	1	17	18	27	29	30	32	32	24.3
Mount Ida	Maximum	46	48	61	67	32	49	46	58	52	51	48	49	52	69	59	51	45	59	50	31	33	41	41	38	37	45	39	48	41	58	61	49.0
	Minimum	19	21	48	47	24	21	20	38	30	42	37	32	33	46	42	45	57	35	45	45	25	31	40	35	28	36	32	3	39	42	56	36.2
Nail	Maximum	40	38	40	58	47	45	54	60	60	53	43	36	40	42	45	57	35	45	45	25	31	40	35	28	36	32	3	39	42	56	58	43.3
	Minimum	18	22	24	24	14	26	24	36	35	30	27	20	22	22	20	18	24	40	52	51	30	35	39	39	36	35	37	37	46	42	46	56	33.5
Newport	Maximum	45	43	61	65	56	49	47	54	49	46	42	41	43	55	56	46	40	52	51	30	35	39	39	36	35	37	37	46	42	46	56	60	47.7
	Minimum	26	25	41	55	27	26	26	42	37	37	37	22	28	27	36	25	27	36	26	25	27	22	25	19	21	29	31	27	31	32	30	29.4
Osceola	Maximum	56	54	66	67	65	65	68	65	63	59	58	55	57	57	57	58	57	56	58	60	58	58	58	56	58	58	56	56	55	57	54	58.5
	Minimum	26	26	50	50	26	26	28	26	46	36	35	32	26	28	26	26	38	38	28	38	26	24	21	20	21	32	32	31	32	34	32	32.4
Ozark	Maximum	44	47	63	68	50	54	55	52	52	50	48	46	46	55	65	56	45	52	50	46	38	41	40	41	40	39	44	46	48	58	64	49.8
	Minimum	24	29	36	41	22	25	24	40	32	44	37	26	24	25	31	22	26	32	23	25	26	23	31	32	28	33	30	29	39	42	41	30.4
Pine Bluff	Maximum	40	51	68	71	56	46	44	50	55	51	48	48	48	63	62	52	48	66	50	36	35	41	38	35	34	40	40	41	44	54	61	48.8
	Minimum	30	23	42	55	31	30	32	38	41	45	39	26	30	33	44	31	32	45	32	27	28	29	31	26	27	31	33	26	39	31	44	33.3
Pocahontas	Maximum	44	45	56	65	60	42	50	61	53	43	43	41	46	59	54	44	37	44	45	26	34	35	33	30	34	32	37	42	41	51	57	45.5
	Minimum	28	20	39	56	24	23	25	39	34	39	37	29	27	29	38	24	31	22	25	26	23	25	19	17	15	17	27	29	19	26	31	27.4
Portland	Maximum	54	54	70	72	57	50	46	51	51	58	58	51	49	66	73	61	54	69	69	37	40	46	43	37	36	42	41	52	45	57	61	53.3
	Minimum	31	26	46	56	34	30	38	43	44	47	40	26	31	36	45	33	33	39	17	31	33	33	36	30	29	35	35	27	40	40	40	36.6
Prescott	Maximum	53	53	65	68	58	49	46	46	46	55	52	50	51	66	66	63	46	62	66	31	40	43	42	37	35	44	43	49	46	55	60	51.6
	Minimum	28	27	47	54	27	30	32	37	39	44	39	25	29	27	31	31	34	45	29	28	33	30	28	33	30	29	30	35	33	38	39	45	34.4
Rison	Maximum	58	57	68	70	55	47	48	48	48	54	51	51	51	65	.....	.....	56	48	61	62	35	37	44	42	36	32	41	40	47	44	55	61	50.7
	Minimum	26	19	45	53	28	28	32	36	39	44	38	24	28	26	.....	.....	30	36	46	32	27	29	26	31	25	27	28	33	35	35	38	42	32.2
Rogers	Maximum	39	48	61	65	39	48	52	58	55	49	44	36	43	62	57	46	51	55	41	26	39	42	39	32	38	36	35	41	48	59	57	46.3
	Minimum	18	24	41	50	18	20	38	38	28	34	29	22	24	27	28	19	23	33	12	15	20	16	27	18	21	27	29	27	36	37	37	26.7
Searcy	Maximum	46	45	67	65	55	42	45	51	45	45	50	43	47	61	54	47	40	51	52	30	34	39	36	32	35	41	38	49	43	55	60	46.3
	Minimum	24	24	43	55	27	27	28	40	37	40	39	25	37	25	33	25	30	37	26	25	27	23	26	20	23	29	32	30	35	39	39	31.1
Stuttgart	Maximum	49	48	65	70	53	47	41	47	47	49	47	48	47	62	58	53	47	61	60	35	35	41	39	31	33	41	40	48	45	51	61	48.4
	Minimum	26	25	45	55	29	28	39	38	40	43	38	24	30	29	36	29	35	45	31	27	29	26	30	24	25	31	32	27	34	37	38	32.2
Subiaco	Maximum	44	48	64	69	48	46	49	53	53	50	49	41	47	66	57	46	46	54	43	28	34	39	40	39	37	38	39	47	47	59	61	48.8
	Minimum	26	31	47	38	24	28	29	39	32	41	36	27	30	26	33	25	31	33	24	25	26	23	32	30	26	29	32	27	36	39	42	31.2
Texarkana	Maximum	58	50	68	69	58	52	49	47	50	57	51	53	54	63	73	64	48	70	65	36	39	42	38	40	41	47	47	45	59	61	53	51.6
	Minimum	28	32	49	66	29	29	32	36	41	49	30	23	31	35	39	37	37	43	33	30	31	31	35	33	30	32	30	34	39	40	46	36.2
Umphers	Maximum	48	45	63	64	44	46	42	50	55	52	45	33	40	64	58	56	38	55	50	32	32	38	35	35	35	35	35	35	45	44	57	49.0
	Minimum	24	30	45	30	25	23	25	35	36	36	34	25	28	28	38	24	29	38	22	22	23	23	25	27	24	28	28	26	38	37	42	32.6
Warren	Maximum	52	52	68	71	57	47	45	47	48	53	52	50	49	63	68	55	58	68	67	35	37	41	41	35	33	43	43	45	55	57	59	61	55.6
	Minimum	29	21	48	53	24	36	32	39	42	46	40	28	31	29	40	34	38	48	34	32	31	31	32	31	31	32	33	28	29	35	37	40	36.1
Wynne	Maximum	54	52	66	68	52	43	44	48	49	49	48	45	46	66	55	49	42	62	57	33	42	42	38	36	36	38	37	47	49	59	60	47.3
	Minimum	38	28	41	43	28	27	27	42	39	40	37	27	30	30	34	27	27	38	30	27	23	23	26	24	24	31	31	24	28	37	34	30.9

§§ Increments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

UNIVERSITY OF ILLINOIS
MAR 29

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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MAR 29 1922

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII LITTLE ROCK, ARK., FEBRUARY, 1922. NO. 2.

GENERAL SUMMARY.

The month of February was marked by a mean temperature nd an average precipitation in excess of the normal, the past nonth being the warmest, with but three exceptions, since state-wide records have been kept. During the past eight years, 1915 o 1922, the mean temperature for February has been above normal. Temperatures of zero or below are usually recorded in he northwestern counties, but 10° at Gravette was the low-st recorded during February 1922. Although the temperature or the month as a whole was decidedly above normal, there were frequent changes from 25° above normal to 15° below. Precipitation fell from the 1st to the 6th, 14th to the 15th, nd from the 20th to the 28th, the bulk falling during the last period. Dirt roads were bad during most of the month, impass-ble in many localities after the 23d. Winter wheat and oats nade satisfactory progress during the month and at the close, potatoes, truck, and vegetables were being planted in the south-rn counties. Fruit buds were swelling but were not damaged y the freeze of the 28th.

W. C. H.

TEMPERATURE.

The monthly mean temperature for the State, as determined om records of 56 stations, was 47.8°, or 5.6° above the Feb-uary normal, all stations showing positive departures. There ere cold periods extending from the 6th to the 8th, 13th to he 16th, and 24th to the 28th inclusive, while from the 9th to he 12th and from the 18th to the 22d temperatures were 15° to 5° above normal. The highest temperature recorded was 84° Texarkana and El Dorado on the 14th. The lowest was 10° Gravette on the 7th. In most sections the highest occurred a-out the 10th or the 21st, the lowest on the 7th or the 16th.

PRECIPITATION.

The average precipitation for the State, as determined from cords of 73 stations, was 4.89 inches, or 1.61 inches more than e February normal. There were positive and negative depart-es recorded in both the northern and southern half of the ate, but most of the heavier totals occurred in the southern r of counties. A sleet and ice storm covered practically all ex-pt the extreme southern counties on the 28th, but there was ry little damage reported. The greatest monthly precipitation as 9.70 inches at Portland and the least was 1.70 inches at sceola. The snowfall averaged 1.5 inches varying from 5.5 in-es at Conway to none at some southern stations. The average mber of days with 0.01 inch or more precipitation was 8.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.09	30.55	7	29.56	12	5,389	32	s.	22	.....	.....	46
Fort Smith..	30.09	30.59	7	29.61	5	6,241	44	nw.	22	76	62	48
Little Rock..	30.10	30.61	16	29.63	5	7,159	33	nw.	15	77	60	53
Memphis....	30.16	30.64	8	29.72	5	7,097	38	w.	23	78	72	53

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 2d, 1; 6th, 1; 14th, 7; 15th, 2; 19th, 1; 20th, 5; 22d, 8; 23d, 9; 27th, 1; 28th, 7.

Dense Fog:— 5th, 2; 21st, 3.

Lunar Halos:— 4th, 1; 9th, 3; 10th, 1; 13th, 1.

Solar Halos:— 6th, 1; 24th, 1.

Sleet:— 5th, 1; 14th, 7; 15th, 3; 22d, 1; 28th, 30.

Light Hail:— 6th, 1; 23d, 1; 28th, 1.

COMPARATIVE DATA FOR ARKANSAS---- FEBRUARY

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Normal**	42.2		80	−1	3.28		11		10	
1891.....	46.5	+4.3	80	6	2.92	−0.36	10	9	9	
1892.....	49.0	+6.8	85	18	3.47	+0.19	11	9	9	
1893.....	42.4	+0.2	74	2	4.05	+0.77	9	6	13	
1894.....	40.5	−1.7	78	0	6.32	+3.04	8	7	13	
1895.....	33.5	−8.7	75	17	0.71	−2.57	10	7	11	
1896.....	45.2	+3.0	79	11	3.30	+0.02	15	6	8	
1897.....	46.6	+4.4	89	8	2.59	−0.69	10	7	11	
1898.....	45.8	+3.6	83	7	2.08	−1.20	15	5	8	
1899.....	31.8	−10.4	76	−25	2.18	−1.10	12	6	10	
1900.....	39.7	−2.5	74	−5	5.06	+1.78	9	7	12	
1901.....	40.8	−1.4	79	10	2.18	−1.10	10	7	11	
1902.....	35.0	−7.2	72	−2	2.60	−0.68	9	8	11	
1903.....	41.0	−1.2	79	−12	7.63	+4.35	10	6	12	10
1904.....	44.9	+2.7	86	10	2.47	−0.81	12	8	9	5
1905.....	32.3	−9.9	82	−29	2.55	−0.73	9	6	13	6
1906.....	41.8	−0.4	83	−7	2.21	−1.57	15	5	8	6
1907.....	44.9	+2.7	83	4	2.77	−0.51	12	6	10	7
1908.....	44.2	+2.0	78	0	5.26	+1.98	12	5	12	8
1909.....	47.3	5.1	82	5	5.41	+2.13	13	6	9	8
1910.....	39.0	−3.2	75	−13	3.66	+0.38	11	6	11	7
1911.....	49.8	+7.6	85	7	4.31	+1.03	9	8	11	8
1912.....	37.9	+4.3	77	1	2.80	−0.48	12	8	9	6
1913.....	41.0	−1.2	82	5	3.74	+0.46	11	6	11	7
1914.....	40.4	−1.8	79	2	4.23	+0.95	11	7	10	8
1915.....	45.9	3.7	76	11	4.47	+1.19	11	5	12	8
1916.....	43.4	+1.2	82	6	1.78	−1.50	14	4	11	5
1917.....	43.4	+1.2	89	−4	1.93	−1.35	15	5	8	4
1918.....	44.4	+2.2	93	4	1.17	−2.11	12	6	10	4
1919.....	44.1	+1.9	80	−10	3.34	+0.06	13	4	11	8
1920.....	45.0	+2.8	79	−2	1.26	−2.02	11	8	10	5
1921.....	48.3	+6.1	85	3	3.59	+0.31	15	5	8	6
1922.....	47.8	+5.6	84	10	4.89	+1.61	9	7	12	8

* Based on 30 year record.

Climatological Data for February, 1922.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit: Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches: Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days: With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	29	47.4	+4.6	80	11	20	8†	58	5.08	+1.14	1.04	....	7	11	2	15	n.	Albert Dillard.
Arkadelphia	Clark	160	26	.....	.....	.....	.....	.....	.....	.....	5.01	+0.91	1.25	0	8	4	0	24	s.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	6.43	+1.69	1.80	0.5	10	6	7	15	n.	Geo. E. Payne.
Batesville	Independence	277	23	40.8	+0.7	68	9	15	16	44	2.50	−0.98	0.96	2.0	8	10	1	17	n.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	30	45.7	+4.3	79	10	15	16	36	4.05	+0.83	1.10	3.0	8	9	7	12	sw.	J. E. Scanlan.
Bentonville	Benton	1303	16	42.0	+3.5	76	10	15	28	37	1.87	−0.65	1.05	4.0	7	8	8	12	s.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	20	.....	.....	.....	.....	.....	.....	.....	2.60	−1.03	0.84	T.	11	7	1	20	n.	Vernon C. Howe.
Booneville	Logan	925	8	49.6	.....	82	10	20	16	32	3.38	.....	1.75	4.2	8	8	8	12	w.	Supt. Tuberculosis Sa
Brinkley	Monroe	226	40	49.4	+7.1	80	21	22	8†	32	2.66	−1.48	0.68	T.	8	7	8	13	n.	H. L. D. Whitson.
Calico Rock	Izard	361	18	43.2	.....	80	10	15	16†	50	2.80	+0.16	1.07	0	7	16	2	10	n.	J. M. Richardson.
Camden	Ouachita	158	36	50.6	+4.0	81	11	25	16	46	5.38	+1.21	1.86	0.2	10	4	4	20	sw.	A. B. Quarterman.
Clarendon	Monroe	171	18	.....	.....	.....	.....	.....	.....	.....	3.00	−1.21	0.75	T.	9	2	8	18	n.	J. W. Bishop.
Clinton	Van Buren	550	1	.....	.....	.....	.....	.....	.....	.....	3.82	.....	1.30	3.5	10	7	12	9	s.	Dr. R. M. Hunter
Conway	Faulkner	309	38	49.0	+7.5	80	11	23	16	31	3.57	−0.31	1.24	5.5	7	8	11	9	s.	E. E. Cordrey.
Corning	Clay	293	22	42.8	+5.8	70	10†	18	16	28	2.92	−0.85	1.05	0	9	12	3	13	ne.	Rev. N. E. Skinner.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	3.81	.....	1.78	3.0	8	12	1	15	e.	J. R. Avera.
Dardanelle	Yell	330	36	.....	.....	.....	.....	.....	.....	.....	3.31	+0.15	1.43	....	6	12	0	16	.....	J. D. Riley.
Dodd City	Marion	1175	40	41.4	+3.1	79	10	11	16	41	2.93	−0.30	1.20	0.7	10	12	6	10	nw.	Neal Dodd.
Dumas	Desha	162	15	51.2	+6.3	83	21	22	8	33	7.89	+3.96	2.05	1.0	11	2	18	8	.....	Ben. Johnson.
Dutton	Madison	1590	20	42.9	+6.1	73	10	11	16	35	3.44	+0.24	1.30	4.8	8	11	4	13	s.	J. M. Ricketts
El Dorado	Union	265	18	54.5[b]	+8.4	84[b]	11	26[b]	16	39[b]	7.88	+3.74	2.05	T.	10	10	7	11	sw.	Mrs. Virgil N. Walls.
England	Lonoke	229	15	50.2	+5.2	81	11	25	16	30	4.87	+0.80	1.30	0.5	8	10	6	12	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	43.5	+4.5	77	21	14	16	42	2.36	+0.59	1.30	1.0	7	7	14	7	sw.	George W. Nicholds.
Fayetteville	Washington	1451	36	44.3	+7.3	76	10	14	16	32	1.90	−0.62	0.80	1.5	6	10	14	4	ne.	University of Arkansa
Fort Smith	Sebastian	481	40	47.2	+5.4	79	10	24	28	31	2.44	−0.30	0.95	0.6	8	5	9	14	e.	U. S. Weather Bureau
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	4.98	+1.90	1.40	0	10	7	3	18	s.	T. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	2.87	.....	0.77	0.1	9	5	8	15	ne.	R. L. Bailey.
Grannis	Polk	921	4	49.0	.....	79	11	24	16	33	5.33	.....	1.30	0.5	10	10	7	11	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	42.4	+5.7	78	10	10	7	37	2.24	+0.17	0.82	4.0	6	10	7	11	sw.	A. F. Stevens.
Hardy	Sharp	643	25	45.2[d]	+6.8	79[d]	11	13[d]	16	41[d]	2.17	−1.11	.....	.....	.....	10[d]	3[d]	11[d]	n.	Mrs. D. S. Madden.
Harrison	Boone	1052	1	43.4	+7.6	79	10	14	16	36	1.81	−1.13	1.25	0.5	5	15	7	6	nw.	A. C. Brooks.
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	3.24	−1.66	0.90	0.2	7	11	2	15	.....	James A. Burnett.
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	3.34	.....	1.05	2.0	9	8	12	8	n.	Arthur Cross.
Hope	Hempstead	377	50	53.4[b]	+6.2	83[b]	11	24[b]	16	34[b]	5.79	+1.67	1.88	0.5	8	10[b]	4[b]	12[b]	s.	N. P. O' Neal.
Hot Springs	Garland	600	29	50.0	+3.9	80	11	22	16	34	4.21	+0.34	1.18	T.	8	8	12	8	s.	L. M. Mackae.
Huttig	Union	.....	15	56.7	+7.2	83	21	23	7	42	8.52	+4.01	1.80	T.	8	12	5	11	sw.	J. L. Collett.
Jonesboro	Craighead	345	27	45.4	+5.0	78	21	20	16	30	3.10	−1.18	0.71	2.5	11	9	5	14	s.	Benedictine Sisters.
Junction‡‡	Union	182	29	54.8	+8.9	81	11†	24	7†	42	5.68	+2.20	1.78	T.	6	12	7	9	n.	J. A. Lowderback.
Little Rock	Pulaski	286	43	48.2	+4.1	78	11	25	16	29	3.95	−0.23	1.33	0.1	9	8	3	17	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	25	46.6	+6.1	76	10	21	16	29	4.04	+0.69	1.70	1.5	7	11	7	10	sw.	H. Kauffeld.
Magnolia †††	Columbia	315	4	53.2	.....	81	12	27	16	38	7.03	.....	2.00	0	9	9	5	14	s.	State Agriculture Sch
Malvern	Hot Springs	277	39	51.2	+7.2	79	11	23	8†	36	3.70	+0.02	1.04	0	8	11	4	13	n.	Clark Houston.
Mammoth Spring	Fulton	512	17	43.2	+5.5	77	10†	15	16	43	2.63	−0.78	1.00	T.	6	11	6	11	ne.	W. S. Vincent.
Marianna	Lee	235	13	48.5	+6.0	72	22†	24	16	30	3.74	.....	0.78	1.0	8	5	16	7	ne.	C. F. Houck.
Marked Tree	Poinsett	229	17	43.6	.....	79	20	22	15	38	2.01	−2.00	0.61	T.	5	7	10	11	sw.	Charles Walton.
Marshall	Searcy	1083	7	44.4	.....	78	19	16	16	30	2.91	.....	0.62	3.5	9	9	12	7	ne.	W. F. Reeves.
Mena	Polk	1208	34	49.0	+5.8	79	11	22	16	32	2.86	−0.54	1.00	0.3	8	5	15	8	sw.	E. W. St. John.
Morrilton	Conway	347	2	48.4	.....	78	10	23[a]	16	32[a]	2.81	.....	1.04	5.0	7	2	18	8	s.	J. W. Jackson.
Mountain Home	Baxter	800	8	42.2	.....	79	10	13	16	37	4.19	...	1.40	1.5	5	10	5	13	n.	B. S. Halbert.
Mount Ida	Montgomery	730	24	48.4	.....	79	17	16	16	49	3.98	−0.69	1.19	4.0	6	11	3	14	sw.	G. A. Whittington.
Murfreesboro	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	4.51	.....	1.10	0	7	3	9	16	e.	Henry A. Davis.
Nail	Newton	2233	29	40.0	+4.2	71	10	15	8†	35	2.98	0.00	1.40	1.0	5	14	4	10	n.	Charles Paxton.
Newport	Jackson	231	38	46.2	+5.8	75	10	21	16	29	2.72	−1.22	0.80	3.0	9	5	9	14	sw.	George L. Robinson.
Okay	Polk	1700	7	44.1	.....	76	10	17	16	34	5.74	.....	2.00	1.0	8	5	11	12	s.	U. S. Forest Service.
Osceola	Mississippi	240	22	51.3	+9.3	78	21	20	15†	44	1.70	−2.43	0.60	1.0	7	9	3	16	s.	Atwood P. Smith.
Ozark	Franklin	377	26	49.6[e]	+8.4	80[d]	10	21[f]	16	39[f]	2.58	−0.11	1.34	4.5	.....	10[d]	4[d]	10[d]	nw.	Isham Burrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	2.62	.....	0.77	1.0	5	8	0	20	.....	W. E. Baker.
Pine Bluff	Jefferson	215	38	51.5	+6.7	80	11	25	8	36	2.51	−1.76	0.73	T.	11	10	1	17	sw.	Roy F. Hammond.
Pocahontas	Randolph	300	30	44.6	+6.6	76	10	17	16	37	3.30	−0.26	1.40	0	6	7	8	13	n.	Benedictine Sisters.
Portland	Ashley	122	16	53.4	+6.4	82	21	25	8	30	9.70	+5.11	3.70	0.5	10	11	8	9	n.	W. E. Edmiston.
Prescott	Nevada	327	40	51.9	+6.8	82	11	25	8†	49	4.47	−0.96	1.09	T	9	9	10	9	ne.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	4.90	+0.89	1.00	0	9	13	2	13	.....	Foote Coleman.
Rison	Cleveland	243	18	51.7	+8.5	80	11†	22	16	42	4.16	+1.20	1.05	T.	6	4	13	11	w.	Geo. H. Tisdale.
Rogers	Benton	1385	31	43.1	+5.5	77	10	13	16	38	1.92	−0.08	1.32	2.0	5	7	8	13	s.	Carl A. Starck.
Searcy	White	236	9	47.2[a]	.....	78[a]	10	20[a]	16	35[a]	3.53	.....	0.68	3.5	9	9[a]	4[a]	14[a]	ne.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	5.68	+2.10	2.15	T.	10	10	0	18	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	49.6	+6.0	78	20	24	16	28	4.29	+0.18	0.97	0	10	10	8	10	s.	H. A. Buerkle.
Subiaco	Logan	1050	25	48.2	+7.0	82	10	22	16	37	3.53	+0.58	1.48	2.2	7	9	6	13	w.	New Subiaco Abbey.
Texarkana	Miller	332	40	54.4	+7.2	84	11	25	7	29	5.45	+2.49	1.70	T.	7	12	4	12	n.	H. S. Brashear.
Umphers ‡‡	Yell	2000	5	48.2	.....	78	11†	23	16	43	3.35	.....	1.35	4.0	7	13	0	15	s.	U. S. Forest Service
Waldron	Scott	675	3	.....	.....	.....	.....	.....	.....	.....	3.59	.....	1.15	2.9	.....	4	8	16	se.	Dr. Cheves. Bevil.
Warren	Bradley	206	3	52.4	+7.6	81	11	25	16	29	6.55	+1.99	1.45	T.	8	12	9	7	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	5.50	+2.01	2.40	0	6	7	6	15	ne.	Miss Eulela M. Schi
Wynne	Cross	250	14	47.3	+3.3	79	21	21	16	32	2.33	−1.35	0.60	0	6	15	0	13	n.	I. M. Larkan.
State Means and Extremes				47.8	+5.6	84	11	10	7	58	4.89	+1.61	3.70	1.5	8	9	7	12	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in de
m ning section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], app
ing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates ‡‡Post-office addresses of these stations as follows:- Ju
tion, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for February, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity ‖	Ouachita	.67			.20										.48					T.			1.04			.45	.95		1.29				5.08
Arkadelphia ‖	do	1.25				.60										.61								.80		.20	1.25	.10	.20				5.01
Arkansas City ‖	Mississippi	1.20				1.20		.15						.16	1.80	.02								.63		T	.75	.47	.05				6.43
Batesville	White	.21				.16	T.							T.	.20					T.	.37			.96		.08	.42	.10	T.				2.50
Bee Branch	Arkansas	.80			.10										.20						.50		1.10			.65	.20		.50				4.05
Bentonville ***	do	.13				.12									.05								.96	.09		.15	.06	T.	.36				1.87
Black Rock ‖	White	.43	.20				.30								.65					.10	.19	.65	.10	.84			.15	.19					2.60
Booneville	Arkansas	.34			.03										.17	.02							T.	1.75		.03	.23		.81				3.38
Brinkley ‖	White					.21				.07					.12	.56								.68		.38	.12	.52	T.				2.06
Calico Rock ‖	do	.55					.45							T.								.11		1.07		.01	.17	.44					2.80
Camden ‖	Ouachita	.96				.60		.19						.01	.91	.03								.41			1.86	.23	.18				5.38
Clarendon ‖	White	.32	.02			.30	T.			T.					.67	T.								.55		.02	.75	.52	.05				3.10
Clinton	do	.60			.03	.04								.01	.26	T.	T.		T.		.10			1.30		.52	.26		.70				3.82
Conway	Arkansas	.68			.18		.09								.5											.39	.47		1.24				3.57
Danville ‖	White	.52				.14																				.04	.20	.24	.05				2.92
Dardanelle	Arkansas	.52				.08									.30					.02	1.05			.65		.04	.20						3.81
Dodd City	do	.48													.29	.40								1.78		.36	.42	.26	.09				3.51
Dumas	White	.77				.05								.02										1.43		.35	.45						2.93
Dutton	Arkansas	1.15			.53	.12	.09		.02				T.	1.10	.69						.20	.02	1.20			.20	.20	.02	.25				2.93
El Dorado	White	.88			.02	.05									.13									.65		.12	1.37		2.05				7.89
England	Ouachita	.94			.52	.12	.12							T.	1.15	.54					T.			1.30		.24	.14		.68				3.44
Eureka Springs	Arkansas	.53			.45										.08	.54								.58	T.	.28	1.58		2.05				7.88
Fayetteville	White	.14				.34																		.71		.35	.91		1.30				4.87
Fort Smith ***	do	T.													T.						.10			1.30		.15	T.		.35				2.56
Fulton ‖	Arkansas	.34			.01	.07									.05				T.	.08		.45	.80		.10	.11		.36				1.90
Georgetown ‖	Red	.61	.72			T.	.48								.06	.63						.95				.26	.12	T.	.64				2.44
Gramis	White	.57				.09		.02							.01	.55					T.		.77			.09	1.40	.08	.32				4.98
Gravette	Red	.57			.17	.09									.62	.02				.03	T		1.13			.14	.65	.07					2.87
Hardy	White	.35				.02																				.70	.60		1.30				5.33
Harrison	do	*	*	*	*	*	.84															.65	.82			.10	T.	T.	.30				2.24
Helena ‖	do																				.70					.30		.13	.20				2.17
Higden	Mississippi	.38	.18			.42									.90						.25		1.25	.15			.15		.01				1.81
Hope	White	.50			.05	.08									.09					.29			.56				.40	.40					3.24
Hot Springs	Red	.88			.49		.13								.52								1.05			.51	.27		.50				3.34
Hustig	Ouachita	.38			.18									.12	.33								.59			.11	1.19		1.88				5.79
Jonesboro	do	1.10		1.50									1.15		.80								1.18			.54	.69		.79				4.21
Junction	White	.71				.02	.05			T.	T.				.22								.47			1.00	.70		1.80				8.52
Little Rock ***	Ouachita						.60								1.17					.24	.70	.02	.51			.18	.21	T.	.24				3.10
Lattaville	Arkansas	.60			.14	.01				T.				.43	T.								.70		.66				1.78				5.68
Magnolia	do	.83			.05										.15				T.		T	.50	.10			.36	.48		1.33				3.85
Malvern	Red	.90			1.40	.10	.13							.35	.50								1.70			.47	.15		.65				4.04
Mammoth Spring	Ouachita	.81				.45									.64											.80	2.00	.85				7.03
Marianna	White	1.00				.08																	.20			.30	1.04	.11	.15				3.79
Marked Tree ‖	Mississippi	.51			.55									.16	.68						.42		.84			.08	.21		T.				2.63
Marshall	St. Francis	.30				T.	.28							T.	.61								.46			.19	.78		.68				3.74
Mena	White	.52			T.	.12	.10																.31			*	*	.51					2.01
Morrillton	Ouachita	.42				.14								.20					T.		T.		.62			.28	.55	.06	.46				2.91
Mountain Home	Arkansas	.34			.11										.40								1.60			.31	.31	.07	.21				2.86
Mount Ida	White	.78				T.									.20								1.04			.52	.50	.30					2.81
Murfreesboro ‖	Ouachita	.60												.42	10					1.05			1.40					.26	.70				4.19
Nail	do	.98													.63								1.19			.87			.80				3.98
Newport	White	1.00			T.	T									.63								1.05			.37	1.10	.26	.12				4.51
Okay	do	.65					.11								.10				T.				1.40			.30	.18	T					2.98
Osceola	Arkansas	.71			.70									.05	.31						.12		.80			.18	.36	.11					2.72
Ozark	Mississippi					T.	T.	.50						T.	.10				T.		.09		1.54			.30	.30		2.00				5.74
Patterson	do	*	*	*	.46									.10				T.	.10	T.	.10					.50	.60		.20				1.70
Pine Bluff ‖	White	.50					.15							.19	.25								1.34			.4							2.58
Pocahontas	Arkansas	.58	.08			46	.03								.55								.59				.77						2.62
Portland ‖	White	.50					.25								.01		.05						.34			.15	.73	.03	.05				2.51
Prescott	Ouachita	1.30			.70	.10	.18							1.25	.60						.55		1.40			.10	.50						3.30
Princeton	do	.96				.53		.13							.61								.58			.15	1.18		3.70				9.70
Rison	Ouachita	1.00	1.00			.50									.50								.59			.15	1.09	.18	.25				4 47
Rogers	do	.98			.52										.50						.50		.55			.25	.40		.20				4.90
Searcy	Arkansas					.22									1.05						.50		.50			11	1.00						4.16
Springbank ‖	White	.66			.04	.01	.11																	.25	1.07			.15		.25				1.92
Stuttgart	Red	.78	T.		.10	.60		.20						T	.60	T.					.68		.42			.40			.62				3.53
Subiaco	Arkansas	.46			.38	.03								.10	.54						.65					.06	2.15	.07	.47				5.68
Texarkana ‖	do	.51			.06	T.								.24									.57			.30	.97	.02	.92				4.29
Tomphers	Red	.65			.55									.50	T.						1.48					.54	.20		.70				3.53
Waldron	Arkansas	.46			.10									.50	.20						.60					.10	1.70		1.35				5.45
Warren	do	.58			.04										.31					1.35						.37	.43						3.35
Whitecliffs	Ouachita	.97			.55	T	.15							1.10	.55						.65	.50				17	.47		.80				3.59
Wynne	Red	1.00			T.	.60									.60						T.	.50				T.	1.45		1.28				6.55
	St. Francis	.48				.15									.40							.70					2.40		.20				5.50
																						.50				.20	.60						2.33

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station: precipitation for hours, midnight to midnight. † Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for February, 1922.

Stations.	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.3	3.5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.7	4.8	4.8	4.5	4.5	4.7		
Pardanelle	do	20	1.	1.8	2.7	2.4	2.3	2.3	2.1	2.0	1.7	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	2.5	3.9	4.0	4.5	4.6	4.5			
Little Rock	do	23	0.	0.4	0.7	1.3	1.6	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	1.1	3.3	4.6	5.2	5.8			
Pine Bluff	do	25	4.	4.4	4.3	4.5	5.0	5.2	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.3	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.6	6.9	8.1	8.7			
Black Rock	Black	14	4.0	7.6	8.0	8.3	8.6	8.6	8.7	8.5	8.3	7.5	7.3	7.0	6.8	6.6	6.6	6.3	6.0	5.8	5.5	5.3	5.6	6.2	7.0	8.8	9.0	9.5	10.1	10.0			
Calico Rock	White	18	0.9	1.4	1.3	1.8	1.8	1.8	1.7	1.3	1.5	1.4	1.4	1.3	1.3	1.0	0.8	1.0	1.0	0.7	0.7	0.6	0.7	1.7	2.5	6.0	6.8	5.7	5.6	5.7			
Batesville	do	23	6.5	6.5	7.1	7.0	7.2	7.3	7.2	7.1	6.8	6.8	6.8	6.8	6.6	6.6	6.4	6.2	6.6	6.3	6.2	6.0	5.9	6.3	7.6	9.5	13.3	12.6	11.2	12.0			
Newport	do	26	5.8	5.7	5.3	5.2	5.6	5.9	6.1	6.0	5.9	5.7	5.7	5.5	5.4	5.3	5.1	5.6	4.9	4.9	4.8	4.8	4.7	4.6	4.5	4.8	5.2	6.1	7.8	9.7			
Georgetown	do	22	4.8	5.0	5.4	6.5	7.4	8.1	8.5	8.7	8.8	8.7	8.5	8.2	7.9	7.6	7.3	7.1	6.8	6.5	6.3	5.9	5.6	5.4	5.4	6.1	8.0	11.4	13.8	14.8			
Clarendon	do	30	15.3	14.9	14.7	14.7	15.0	15.6	16.1	16.5	16.8	16.8	16.8	16.7	16.5	16.3	16.1	15.8	15.6	15.3	15.0	14.8	14.6	14.3	14.1	14.0	14.1	15.1	17.0	18.4			
Helena	Mississippi	42	24.2	24.8	25.2	25.6	26.0	25.7	24.7	23.4	21.8	20.5	19.5	18.6	17.9	17.2	16.6	16.1	15.7	15.2	14.9	14.9	15.6	16.9	18.9	21.0	23.2	25.0	26.9	28.3			
Arkansas City	do	42	27.2	27.5	27.9	28.2	28.6	28.9	29.1	28.9	28.5	27.6	26.5	25.5	24.5	23.6	22.8	22.2	21.6	20.6	19.8	19.2	18.7	18.5	18.8	20.0	21.5	23.6	25.8	27.1	28.8		
Camden	Ouachita	49	6.3	6.3	8.6	10.0	9.7	9.7	9.7	9.5	9.1	8.6	8.0	7.4	7.0	6.9	6.8	7.1	7.5	7.7	8.0	7.9	7.6	7.0	6.8	6.7	6.7	13.4	16.0	19.0			
Danville	Petit Jean	20	2.3	3.8	3.2	2.7	2.6	2.4	2.3	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.9	2.2	2.2	2.0	2.0	1.9	1.9	4.2	10.5	16.7	14.3	12.7	11.2			
Arkadelphia	Red	28	6.5	6.6	6.4	7.2	7.8	8.6	8.9	8.8	8.7	8.4	8.1	7.9	7.8	7.6	7.4	7.4	7.4	7.1	7.0	6.9	7.3	7.2	7.2	7.3	9.2	11.2	12.8	14.0			
Patterson	Ouachita	18	1.3	1.6	1.5	1.4	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.3	1.2	1.2	1.1	1.2	1.0	1.0	1.2	3.3	5.1	5.5	7.6	6.9			
	Cache	9	8.1	7.9	7.8	7.6	7.5	7.3	7.2	7.0	7.0	6.8	6.7	6.7	6.7	6.7	6.9	7.2	7.4	7.4	7.4	7.6	7.9	7.4	7.2	7.2	7.2	7.2	7.2	7.3			

Daily Temperatures for February, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	55	62	60	63	51	56	56	72	78	80	70	64	40	43	56	50	70	75	76	77	73	59	46	40	44	53	44	34				58
	Minimum	47	33	33	30	38	40	27	20	20	43	44	46	35	33	30	20	21	31	53	50	47	53	46	35	35	35	35	34				36
Batesville §§	Maximum	66	53	56	50	52	43	42	50	68	54	63	62	42	36	36	35	50	61	61	52	62	62	48	33	36	42	43	31				49
	Minimum	26	36	27	27	32	29	24	21	24	40	43	41	29	21	28	15	17	33	44	51	46	47	45	28	28	32	31	30				32
Bee Branch	Maximum	65	59	59	55	55	54	44	50	68	79	77	71	49	42	45	45	55	61	71	69	70	69	68	55	41	40	43	47				57
	Minimum	44	29	31	29	40	30	21	18	40	43	42	43	24	25	25	15	28	40	49	48	48	53	43	25	29	31	36	25				34
Bentonville	Maximum	56	46	48	48	46	36	44	52	68	76	62	63	41	36	40	48	57	68	69	76	72	72	50	40	36	43	42	26				52
	Minimum	29	25	23	30	32	24	17	31	47	51	43	26	17	26	23	17	33	45	51	50	52	50	24	20	32	32	26	15				31
Booneville	Maximum	62	57	55	54	63	57	59	58	68	82	78	69	45	41	46	46	59	72	76	74	76	71	60	42	38	42	45	43				58
	Minimum	49	34	34	36	46	36	27	33	50	60	57	45	30	30	29	20	36	48	69	54	60	60	37	32	32	34	41	29				40
Bzinkley	Maximum	63	61	61	50	55	49	41	53	69	78	77	73	52	42	47	45	58	66	74	79	80	74	72	55	41	42	46	45				58
	Minimum	48	39	38	32	42	34	25	22	41	51	59	52	35	31	29	22	28	43	58	60	48	58	52	31	34	37	40	32				40
Calico Rock §§	Maximum	66	60	57	55	55	44	45	55	74	80	65	56	48	36	46	47	59	62	77	57	68	71	48	47	39	42	43	31				54
	Minimum	26	32	31	27	26	32	23	22	24	38	40	41	25	25	25	15	15	35	52	52	47	42	42	25	26	33	36	28				31
Camden §§	Maximum	67	57	59	49	65	49	54	58	74	78	81	78	48	36	51	49	60	72	76	79	78	76	69	44	42	44	50	39				60
	Minimum	44	42	43	35	40	40	28	26	28	47	59	59	42	34	32	25	26	32	52	58	57	59	49	38	38	37	39	38				41
Conway	Maximum	68	53	58	56	62	53	48	55	70	79	80	68	49	41	46	45	58	68	74	77	77	73	72	69	52	45	42	47				59
	Minimum	49	32	33	30	44	35	25	24	45	50	50	49	32	31	29	23	32	44	55	55	50	59	44	29	33	36	41	30				38
Corning	Maximum	57	57	47	48	47	47	38	43	58	70	70	46	46	35	36	36	48	56	68	68	61	66	65	47	37	49	48	40				57
	Minimum	45	34	27	28	41	29	19	22	40	42	46	41	26	23	31	18	27	43	48	42	44	50	46	25	29	33	36	26				36
Dodd City	Maximum	61	57	49	48	50	42	39	53	72	79	77	56	43	39	41	42	56	59	76	61	69	67	66	41	40	37	36	38				56
	Minimum	42	26	20	24	33	23	16	23	33	38	39	34	18	19	26	11	30	34	43	41	44	56	29	18	25	30	34	18				28
Dumas	Maximum	65	58	58	50	60	52	49	53	73	80	82	78	55	48	45	44	58	68	75	78	83	78	72	58	45	46	58	48				63
	Minimum	45	40	42	35	40	37	25	22	40	45	60	54	40	32	30	25	28	45	56	56	54	58	52						41			47
Dutton	Maximum	57	52	51	41	58	40	45	50	68	73	70	61	48	34	40	42	52	62	70	70	69	65	63			44	42	35				56
	Minimum	45	21	19	25	30	26	16	22	44	38	41	38	19	24	24	11	31	42	42	53	56	56	30		33	34	35	20				32
El Dorado	Maximum	67	60	59	54	67	58	56	67	74	79	84	78	68	46	50	48	....	....	78	79	80	80	71		46	45	50	44				63
	Minimum	51	50	41	43	46	38	36	28	54	58	61	63	42	34	31	26	....	....	54	58	60	60	56	4	38	40	40	37				45
England	Maximum	65	60	59	52	62	65	44	53	73	78	81	73	52	43	47	46	59	69	78	80	72	71	60	54	40	42	47	45				58
	Minimum	50	40	39	33	45	35	26	28	43	56	57	52	36	31	31	25	32	46	55	50	49	52	52	34	36	36	37	32				46
Eureka Springs	Maximum	58	49	51	49	47	45	49	51	72	76	69	67	45	36	42	49	55	65	70	75	77	72	68	48	39	41	41	35				55
	Minimum	45	25	28	29	38	26	15	31	45	53	42	32	16	22	23	14	34	45	32	44	44	58	26	19	31	31	33	15				32
Fayetteville	Maximum	57	53	50	47	47	40	45	51	67	76	71	63	45	42	41	47	55	63	71	73	72	71	57	44	44	43	41	37				54
	Minimum	47	21	22	29	39	27	18	32	47	53	47	33	18	26	24	14	33	46	54	53	58	57	27	28	32	34	34	17				34
Fort Smith	Maximum	59	47	56	46	59	43	48	56	71	79	65	55	48	41	46	46	59	73	76	75	73	54	42	41	44	46	39					55
	Minimum	44	34	33	38	41	31	29	30	51	48	47	38	28	29	31	25	34	47	55	59	57	53	33	30	36	36	39	24				38
Grannis	Maximum	62	54	59	47	60	59	55	57	70	75	79	70	51	46	47	45	59	70	74	74	74	74	65	48	47	45	49	48				58
	Minimum	47	39	35	37	45	38	25	25	40	42	49	42	34	33	29	24	29	40	54	56	54	58	39	36	35	37	42	32				39
Gravette	Maximum	56	51	49	57	47	46	47	52	70	78	68	62	45	41	41	49	56	68	75	77	72	73	53	40	39	48	45	30				54
	Minimum	46	19	12	21	38	23	19	26	47	41	41	32	11	27	24	13	34	41	40	50	51	53	25	20	32	31	30	15				33
Harrison	Maximum	60	52	50	45	55	45	41	52	75	79	60	55	40	43	45	45	55	62	72	66	72	72	68	46	42	38	43	36				54
	Minimum	45	30	22	28	32	28	19	30	45	48	48	29	21	28	20	14	33	37	48	45	47	45	32	22	32	32	32	20				32
Hope	Maximum	68	61	58	59	65	54	....	....	75	86	83	76	59	45	52	49	62	73	80	82	83	78	72	47	42	41	53	49				63
	Minimum	45	41	38	38	47	40	....	....	48	46	54	53	39	32	31	24	32	54	59	60	61	58	42	37	36	38	42	32				43
Hot Springs	Maximum	68	58	59	47	64	56	50	55	72	70	80	72	67	45	49	40	59	68	73	77	74	73	71	53	39	42	46	46				59
	Minimum	50	36	34	34	46	37	25	26	47	50	53	56	33	32	30	22	30	46	56	54	52	55	47	33	34	35	41	36				40
Huttig	Maximum	68	66	64	67	69	52	58	75	81	82	82	78	58	51	74	71	61	73	78	80	83	78	76	70	48	51	52					69
	Minimum	52	39	40	43	39	30	23	42	58	60	63	39	36	32	47	27	32	46	57	54	55	64	54	45	41	45	42	40				44
Jonesboro	Maximum	61	56	54	48	55	50	40	50	64	74	67	67	50	36	43	40	50	58	68	67	78	70	67	49	38	41	46	43				54
	Minimum	47	36	32	34	43	32	22	21	32	44	56	45	30	25	28	20	27	43	56	45	47	59	47	28	31	35	31	29				38
Junction	Maximum	62	63	62	52	71	66	58	67	75	80	81	77	70	54	56	60	63	73	80	81	80	77	70	64	60	56	55	52				66
	Minimum	52	43	42	44	47	34	24	25	47	57	60	62	44	40	32	24	35	42	57	68	70	75	74	71	57	39	39	41	46	40		52
Little Rock	Maximum	67	51	57	46	59	44	44	53	68	76	78	71	45	37	45	42	57	68	70	75	74	71	57	39	39	41	46	40				55
	Minimum	49	42	40	38	41	34	30	27	47	56	58	42	34	29	29	25	35	47	60	58	50	55	38	32	31	35	40	29				40
Lutherville	Maximum	59	55	54	49	57	49	45	53	66	76	69	59	46	42	45	41	55	65	75	70	70	68	67	46	40	47	44	40				55
	Minimum	47	33	32	38	41	32	23	26	42	49	51	45	26	31	27	21	29	46	56	56	51	57	41	27	31	35	40	27				38
Malvern	Maximum	59	53	53	47	58	48	49	57	72	78	79	71	68	66	60	50	69	70	71	76	78	74	67	50	40	42	45	44				60
	Minimum	50	38	38	33	38	37	25	23	47	48	52	65	37	33	31	23	33	47	58	59	53	58	52	35	38	39	40	40				41
Mammoth Spring	Maximum	64	60	51	47	51	42	44	48	69	77	77	58	47	40	42	41	54	58	72	68	69	69	68	46	41	39	41	40				54
	Minimum	45	31	22	25	40	28	20	2	40	34	39	43	22	22	33	15	29	41	58	3	41	48	10	23	28	32	38	25				32
Marianna	Maximum	55	54	49	51	53	54	54	61	64	71	71	61	55	43	41	41	48	64	69	69	71	72	72	56	41	53	53	45				56
	Minimum	46	42	40	42	41	40	27	31	42	55	44	42	36	31	30	21	27	42	56	57	51	58	52	32	35	39	38	33				40
Marked Tree §§	Maximum	53	56	49	50	39	34	48	63	74	66	70	44	43	44	40	54	62	71	67	79	72	69	42	44	41	40	38	32				52
	Minimum	38	32	30	36	31	23	23	25	43	49	40	32	28	29	22	21	29	42	48	47	47	52	29	30	31	35	31	30				34
Marshall	Maximum	60	55	53	49	56	40	42	50	68	75	70	64	49	40	46	43	54	60	73	69	67	68	60	43	40	38	38	35				53
	Minimum	48	31	30	30	40	28	20	26	44	54	49	40	21	24	25	16	30	45	56	49	50	60	36	27	28	32	31	23				36
Mena	Maximum	63	50	56	48	65	50	52	56	70	77	79	67	52	43	45	50	57	67	73	72	77	70	65	46	42	46	48	43				58
	Minimum	47	32	32	32	46	36	24	25	45	62	53	43	30	30	29	22	34	55	58	58	58	58	38	32	34	33	42	28				39
Morrillton	Maximum	65	57	55	55	59	57	44	53	69	78	76	69	52	45	45	45	58	67	71	71	72	71	71	55	40	4	46	45				58
	Minimum	48	36	34	33	....	35	27	25	44	46	49	51	31	31	29	23	31	41	51	56	49	56	48	31	34	33	40	29				38
Mountain Home	Maximum	61	51	53	45	53	42	42	53	74	79	65	55	43	31	43	43	56	59	76	59	67	68	68	67	44	36	38	40				55
	Minimum	45	28	23	27	39	27	18	21	37	42	42	38	20	21	29	13	28	40	44	41	44	47	31	20	30	29	32	20				31
Mount Ida	Maximum	66	55	6	48	64	54	53	58	71	78	75	71	50	34	48	48	79	68	73	77	77	71	71	46	44	4	48	44				59
	Minimum	49	29	29	27	45	32	21	18	49	42	43	47	32	32	30	16	30	56	46	50	49	69	41	23	33	30	42	29				36
Nail	Maximum	58	59	50	39	50	35	45	45	65	71	67	61	41	32	36	40	56	55	70	68	66	62	62	44	40	38	57	31				71
	Minimum	43	30	27	34	35	25	16	15	22	50	50	35	18	21	15	15	19	20	51	51	54	42	30	18	20	30	31	17				29
Newport	Maximum	63	61	55	59	50	50	42	48	63	75	71	65	49	39	45	42	60	59	59	71	74	73	71	56	39	40	44	43				53
	Minimum	47	34	34	33	42	33	23	23	42	47	50	45	30	27	29	21	43	30	56	48	47	58	48	29	32	35	35	29				39
Osceola	Maximum	64	62	64	62	58	60	62	62	62	72	70	72	70	66	60	66	61	64	72	70	78	76	74	74	72	70	71	69				67
	Minimum	32	38	32	32	32	32	32	32	32	46	49	46	28	28	20	20	26	40	46	50	46	46	40	30	32	36	40	30				35
Ozark	Maximum	....	....	....	....	60	56	50	64	70	80	69	56	50	44	48	46	66	69	76	78	75	73	71	45	43	44	47	44				63
	Minimum	....	....	....	....	35	28	25	30	31	41	45	45	36	34	29	21	32	53	53	62	61	59	42	39	40	40	....	....				41
Pine Bluff	Maximum	64	55	52	46	60	56	53	53	71	78	80	79	59	51	46	54	67	70	78	79	78	73	73	50	42	44	55	47				61
	Minimum	48	41	39	35	45	46	29	25	43	50	59	53	39	32	31	26	31	39	56	54	59	59	43	38	36	38	41	34				41
Pocahontas	Maximum	61	66	56	50	49	47	44	49	67	76	74	54	49	47	44	42	55	58	72	70	67	44	50	46	25	29	33	38	26			57
	Minimum	45	34	26	29	41	29	20	23	40	39	46	39	25	23	27	17	27	42	48	42	44	50	46	25	29	33	38	26				34
Portland	Maximum	67	61	59	51	61	56	46	55	72	80	80	80	67	45	48	47	60	73	77	80	82	81	74	62	45	49	51	50				62
	Minimum	51	41	41	42	43	38	30	25	44	55	60	63	33	35	30	28	30	52	55	56	55	59	51	42	40	40	43	39				44
Prescott	Maximum	66	62	57	54	65	60	54	58	74	80	82	77	55	45	51	49	61	75	79	77	78	76	79	58	41	43	52	49				62
	Minimum	50	41	41	36	46	38	27	25	45	54	54	38	32	32	25	32	50	59	59	54	58	50	35	35	36	42	33	....				41
Rison	Maximum	67	61	56	52	64	64	47	66	73	79	80	77	66	47	48	48	59	70	79	80	78	74	63	61	42	44	49	49				62
	Minimum	49	41	42	36	44	31	26	24	43	56	59	58	38	31	29	22	29	47	57	57	55	50	52	35	36	36	40	32				41
Rogers	Maximum	58	48	50	48	47	40	45	53	70	77	67	65	42	39	41	51	56	67	70	74	73	72	52	41	39	42	42	33				53
	Minimum	45	25	18	24	37	24	16	24	47	47	45	33	18	24	25	13	36	46	45	48	54	52	27	20	32	33	33	17				32
Searcy	Maximum	64	56	58	54	55	52	43	56	65	78	70	68	49	41	46	42	56	70	73	74	71	70	48	39	41	45	....	47				56
	Minimum	48	33	33	33	43	34	25	23	44	45	48	49	32	28	29	20	30	51	54	48	57	48	30	33	35	40	....	30				37
Stuttgart	Maximum	64	57	56	48	57	50	42	56	69	76	77	76	52	43	47	42	56	67	75	78	75	73	70	54	41	43	48	45				58
	Minimum	50	38	38	32	44	35	26	25	41	51	57	52	37	31	30	24	30	44	56	56	55	68	52	34	34	37	40	32				41
Subiaco	Maximum	62	53	58	48	61	50	49	59	72	82	72	58	49	42	48	47	61	70	77	75	76	73	57	45	43	43	46	43				57
	Minimum	48	34	32	35	43	35	26	25	45	45	49	45	29	29	28	22	32	47	53	56	54	56	42	32	35	35	41	28				39
Texarkana	Maximum	68	63	62	56	67	55	54	58	71	81	84	78	51	50	54	53	62	74	81	78	78	79	63	59	44	45	59	55				63
	Minimum	52	42	46	42	46	40	25	32	47	57	60	60	42	39	32	25	34	52	60	62	62	64	42	39	39	38	42	39				46
Umphers	Maximum	63	56	55	48	62	56	46	52	70	78	78	78	56	46	43	46	56	68	71	74	70	68	68	58	49	49	43	40				57
	Minimum	42	35	35	37	44	34	26	25	27	52	55	45	28	26	24	23	33	47	52	55	53	59	39	30	31	32	39	26				37
Warren	Maximum	61	60	57	52	63	58	48	55	72	78	81	77	57	43	49	46	60	70	78	79	78	75	71	61	43	45	58	48				61
	Minimum	52	42	44	38	42	39	29	26	44	56	60	57	41	33	31	25	31	48	58	57	55	60	54	39	39	39	53	56				43
Wynne	Maximum	60	59	57	52	50	46	38	50	61	75	74	70	48	38	42	45	42	53	61	73	68	79	74	70	46	40	43	46	44			56
	Minimum	48	16	34	38	43	33	25	24	39	52	54	44	34	29	30	21	26	38	45	54	47	58	45	29	37	37	40	36				38

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs

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CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII LITTLE ROCK, ARK., MARCH, 1922. NO. 3.

GENERAL SUMMARY.

The unusual features of the wether for March, 1922, were the eavy preciptation, the sleet storm and the high winds. The verage precipitation for the State was 8.58 inches. This a- nount was exceeded only twice in March in the past 31 years; nese were 9.84 inches in 1894 and 9. 76 inches in 1897. A heavy eet storm occurred on the night of February 28th and March st, one to three inches being reported in most central and north- rn portions. Three small tornadoes occurred the morning of ne 14th, at Arkansas City, Kenset, and Gethsemane, and two n March 30th, one near Crossett and one near Prescott. At rkansas City one person was killed and 10 injured, and prop- ty valued at $15.000 destroyed. At Kensett a tornado destroy- l one cottage and injured three persons, one fatally. The prop- ty loss was slight. At Gethsemane six persons were killed and ght injured, the property loss being estimated at $40,000. igh winds on this date did some damage in the eastern portion the State, one negro being killed and a few persons injured. n March 30th a tornado occured at Crossett in which roperty valued at $5,000 was destroyed and one occurred near rescott the same date in which slight property damage occur- d. No lives were lost or persons seriously injured in either orm The mean temperature for the State was less than a egree below normal and the departues at all stations were ther small. The highest temperature, 83°, has been exceed- every March but three since 1891. The rains were rather ght but frequent from the 1st to the 25th, heavy the remain- r of the month, making the soil too wet to work the entire ne except in the northwestern portion. Only a small amount corn and practically no cotton were planted, all farm work ing badly behind. Dirt roads were impassable in many portions d streams were high. All growing crops made excellent prog- s and at the end of the month were in good to excellent ndition.

TEMPERATURE.

The monthly mean temperature for the 56 stations was 51.7°, means ranging from 56.7° at Texarkana to 45.2 ° at Nail. e departure for the State was —0.9° the areas of positive d negative departures being unevenly distributed. Freezing mperatures occurred in all portions from the 1st to the 4th, lowest temperature for the month occurring at all stations this period The lowest temperature reported was 7° at Gra- te on the 3d. Other cold spells occurred about the 12th and m the 20th to the 22nd. The highest tempreature reported s 83° at Portland on the 28th.

PRECIPITATION.

The monthly precipitation for the 73 stations was 8.58 inches ich was 3,88 inches more than normal. The amounts were ve normal at all stations except Dutton, Fayetteville, and rk, in the northwestern portion. The area of heaviest pre- tation occurred over a broad area extending from the north- corner of the State southwestward to the Louisina border where from ten to fourteen and one half inches occurred. The amounts decreased rapidly from there northwestward, being from three to five inches over quite an area in that section. The greatest monthly amount reported was 14.59 inches at Marked Tree, the least, 3.24 inches at Fayetteville. The greatest 24-hour amount was 3.96 inches at Patterson on the 10th.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	30.01	30.40	2	29.49	10	6,428	30	se.	29	.....	.....	49
Fort Smith...	30.01	30.43	2	29.53	10	8,347	42	sw.	19	78	64	54
Little Rock..	30.03	30.38	22	29.55	19	8,099	45	nw.	30	80	64	47
Memphis....	30.09	30.47	22	29.60	19	8,135	48	w.	14	76	66	54

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 4th, 1; 6th, 4; 9th, 9; 10th, 2; 13th,11; 14th, 7; 18th, 5; 19th, 5; 21st, 1; 23d, 1; 25th, 3; 26th, 2; 29th, 17; 30th, 23; 31st, 12.

Dense Fog:– 9th, 1; 13th, 2; 18th, 1; 26th, 2; 27th, 2; 28th, 1; 31st, 1.

Solar Halos:– 22d, 1.

Sleet:– 1st, 13; 2d, 1.

Light Hail:– 9th, 3; 13th, 1; 19th, 1.

Killing frost or freezing temperatures at all stations first few days of month, at many stations 8th, few stations 20th to 22d, 1 station 24th.

COMPARATIVE DATA FOR ARKANSAS---- MARCH.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
*Normal**	*52.6*		*88*	*12*	*4.70*		*12*	*8*	*11*	*8*
1891.....	46.7	−5.9	82	10	5.10	+0.40	11	9	11	10
1892.....	47.9	−4.7	90	9	3.44	−1.26	14	8	9	7
1893.....	50.1	−2.5	82	5	3.55	−1.15	16	6	9	8
1894.....	54.6	+2.0	88	8	9.84	+5.14	14	7	10	9
1895.....	51.8	−0.8	91	10	5.39	+0.69	13	7	11	10
1896.....	48.7	−3.9	85	12	5.28	+0.58	10	7	14	8
1897.....	55.9	+3.3	88	13	9.76	+5.06	10	7	14	15
1898.....	54.5	+1.9	88	18	5.96	+1.26	10	9	12	9
1899.....	50.6	−2.0	87	1	2.97	−1.73	12	9	10	7
1900.....	51.2	−1.4	90	7	2.50	−2.20	15	7	9	7
1901.....	51.5	−1.1	86	4	4.67	−0.03	14	8	9	6
1902.....	52.6	0.0	89	14	5.34	+0.64	12	10	9	7
1903.....	54.8	+2.2	85	11	5.56	+0.86	10	9	12	8
1904.....	55.3	+2.7	90	12	5.64	+0.94	11	11	9	8
1905.....	57.1	+4.5	92	26	5.31	+0.61	10	10	11	9
1906.....	45.2	−7.4	88	10	5.69	+0.99	8	6	17	11
1907.....	61.9	+9.3	96	25	3.22	−1.48	14	8	9	6
1908.....	59.5	+6.9	93	21	3.79	−0.91	11	9	11	8
1909.....	52.7	+0.1	84	16	3.71	−0.99	13	8	10	8
1910.....	60.7	+8.1	92	23	1.39	−3.31	20	7	4	3
1911.....	56.6	+4.0	94	15	2.17	−2.53	16	9	6	6
1912.....	45.8	−6.8	86	10	7.86	+3.16	7	7	17	12
1913.....	49.7	−2.9	88	8	4.74	+0.04	14	9	8	7
1914.....	50.0	−2.6	86	4	5.13	+0.43	12	8	11	9
1915.....	42.5	−10.1	73	14	3.54	−1.16	9	7	15	7
1916.....	54.5	+1.9	91	11	1.93	−2.77	16	6	9	5
1917.....	53.0	+0.4	87	9	5.32	+0.67	14	5	12	11
1918.....	57.9	+5.3	96	16	1.31	−3.39	11	8	12	4
1919.....	53.2	+0.6	86	11	5.47	+0.77	17	5	9	6
1920.....	51.8	−0.8	88	2	5.31	+0.61	11	5	11	8
1921.....	60.8	+8.2	92	18	6.55	+1.85	11	8	12	9
1922.....	51.7	−0.9	85	7	8.58	+3.88	12	6	13	11

* Based on 31 year record.

Climatological Data for March, 1922.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	29	51.0	− 3.3	77	22	17	4	49	9.36	+4.43	3.13	0	8	14	2	15	s.	Albert Dillard.
Arkadelphia	Clark	160	26	.....	.....	.....	.....	.....	.....	.....	10.15	+5.25	2.30	0	11	14	0	17	n.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	10.11	+4.57	2.25	0	13	10	6	15	se.	Geo. E. Payne.
Batesville	Independence	277	23	.....	.....	.....	.....	18	3†	.....	7.24	+3.38	2.00	2.5	10	10	2	19	e.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	30	49.6	− 2.5	78	23	16	2	36	5.70	+1.06	1.00	0	12	9	8	14	sw.	J. E. Scanlan.
Bentonville	Benton	1303	16	47.4	+ 0.1	73	23	12	2	33	5.06	+1.24	1.93	1.0	11	12	5	14	s.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	20	.....	.....	.....	.....	.....	.....	.....	8.90	+5.19	2.19	0	13	9	4	17	s.	Vernon C. Howe.
Booneville	Logan	925	8	52.1	.....	77	23	18	2	30	4.65	.....	1.18	0	10	14	6	11	se.	Supt. Tuberculosis San
Brinkley	Monroe	226	40	53.3	+ 0.3	78	28	23	3	34	12.99	+7.57	2.14	0	11	11	5	15	s.	H. L. D. Whitson.
Calico Rock	Izard	361	18	48.6	.....	81	23	20	4†	50	8.43	+5.14	1.80	1.0	13	14	2	15	s.	J. M. Richardson.
Camden	Ouachita	158	36	52.6	− 3.1	79	13	22	3†	47	10.19	+5.14	2.18	0	11	15	5	11	s.	A. B. Quarterman.
Clarendon	Monroe	171	18	.....	.....	.....	.....	.....	.....	.....	12.98	+8.76	2.81	0	13	10	1	20	s.	J. W. Bishop.
Clinton	Van Buren	550	1	.....	.....	.....	.....	.....	.....	.....	9.34	.....	2.30	0	12	15	5	11	s.	Dr. R. M. Hunter
Conway	Faulkner	309	38	51.8	− 0.8	78	23	21	2	34	9.05	+4.58	2.73	0	10	14	9	8	s.	E. E. Cordrey.
Corning	Clay	293	22	49.0	− 1.2	74	30	21	2	28	8.67	+4.00	1.71	0	11	12	5	14	s.	Rev. N. E. Skinner.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	6.22	.....	1.23	3.5	11	13	0	18	sw.	J. R. Avera.
Dardanelle	Yell	330	36	52.4	+ 0.3	80	23	19	1	37	6.83	+2.42	1.76	0	11	14	0	17	.....	J. D. Riley.
Dodd City	Marion	1175	40	46.6	− 2.5	76	23	12	4	43	6.17	+2.19	1.70	0	11	13	7	11	nw.	Neal Dodd.
Dumas	Desha	162	15	53.4	− 3.6	79	28	23	3	34	12.19	+7.18	3.20	0	12	5	16	10	.....	Ben. Johnson.
Dutton	Madison	1590	20	46.4	− 1.3	70	23	14	2	38	4.33	−0.04	0.98	T.	11	11	9	11	s.	J. M. Ricketts
El Dorado	Union	265	18	53.4[j]	− 2.5	80[j]	13	23[j]	3†	35[j]	8.69	+3.87	2.93	0	8	5[k]	5[k]	10[k]	n.	Mrs. Virgil N. Walls.
England	Lonoke	229	15	53.2	− 1.4	80	23	22	3	32	10.58	+6.02	2.14	0	11	13	3	15	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	49.0	− 1.4	74	23	12	2	41	5.00	+1.40	1.40	T.	13	10	12	9	sw.	George W. Nicholds.
Fayetteville	Washington	1451	36	48.6	− 0.6	74	23	13	2	37	3.24	−0.76	0.87	T.	10	14	6	11	w.	University of Arkansa
Fort Smith	Sebastian	481	40	51.6	+ 0.3	77	23	19	2	32	4.28	+0.66	1.31	0	12	10	6	15	e.	U. S. Weather Burea
Fulton	Hempstead	264	36	...	...	.....	.....	.....	.....	.....	9.04	+4.58	2.34	0	8	12	7	12	n.	T. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	13.01	.....	2.43	0	12	13	4	14	s.	R. L. Bailey.
Grannis	Polk	921	4	51.8	.....	75	23†	18	2	39	7.93	.....	2.04	0	14	12	10	9	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	47.6	− 1.8	75	23	7	3	40	5.95	+2.52	1.68	T.	12	9	7	14	e.	A. F. Stevens.
Hardy	Sharp	643	25	50.3[e]	+ 0.7	81[e]	23	18[e]	4	38[e]	6.20	+1.95	1.10	0	10	10[e]	5[e]	11[e]	sw.	Mrs. D. S Madden.
Harrison	Boone	1052	1	50.0	+ 2.2	77	17	16	2	42	5.46	+2.29	1.40	0.5	10	15	9	7	s.	A. C. Brooks.
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	9.54	+3.50	2.76	0	14	9	3	19	.....	James A. Burnett.
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	7.97	.....	2.15	0	11	12	12	7	sw.	Arthur Cross.
Hope	Hempstead	377	50	55.2	0.0	82	14	21	3	35	8.87	+3.65	2.64	0	11	16	3	12	se.	N. P. O' Neal.
Hot Springs	Garland	600	29	52.2	− 1.0	78	23	20	4	34	9.58	+4.50	2.50	0.8	12	5	17	9	s.	L. M. MacRae.
Huttig	Union	.....	15	56.6	− 0.5	80	13†	23	3†	40	11.90	+6.68	2.50	0	9	12	7	12	se.	J. L. Collett.
Jonesboro	Craighead	345	27	51.8	− 0.6	78	23†	22	2	34	11.36	+6.92	2.65	1.5	12	12	7	12	s.	Benedictine Sisters.
Junction‡‡	Union	182	29	55.6	− 1.2	77	28	24	3	40	10.95	+5.75	3.95	0	8	15	4	12	n.	J. A. Lowderback.
Little Rock	Pulaski	286	43	52.4	− 0.3	77	23	21	2	30	8.30	+3.36	2.74	0	12	9	7	15	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	25	51.0	− 0.8	76	23	17	2	27	6.04	+2.33	1.50	0	12	13	6	12	e.	H. Kaufeld.
Magnolia ‡‡	Columbia	315	4	54.8[b]	.....	79[b]	16	23[b]	3	37[b]	10.80	....	2.50	0	10	10[b]	2[b]	17[b]	s.	State Agriculture Sch
Malvern	Hot Springs	277	39	56.1	+ 2.5	80	24	28	4	31	10.10	+5.29	1.73	0	11	13	3	15	s	Clark Houston.
Mammoth Spring	Fulton	512	17	49.6	− 0.2	77	23	20	4	37	7.70	+4.66	1.42	0	12	11	6	14	s	W. S. Vincent.
Marianna	Lee	235	13	52.2	− 1.8	74	29	26	4	29	9.82	.....	2.46	0	11	12	8	11	s.	C. F. Houck.
Marked Tree	Poinsett	229	17	51.6	.....	75	22	25	1†	37	14.59	*	3.03	T.	14	8	8	15	ne.	Charles Walton.
Marshall	Searcy	1083	7	50.2	.....	73	23	15	2	33	7.11	.....	1.68	0.3	12	11	10	10	nw.	W. F. Reeves.
Mena	Polk	1208	34	51.4	− 0.9	75	23†	17	2	32	7.49	+2.43	1.61	1.5	11	10	9	12	s.	E. W. St. John.
Morrilton	Conway	347	2	51.6	.....	76	23	21	2	31	7.95	.....	1.79	0	9	7	14	15	w.	J. W. Jackson.
Mountain Home	Baxter	800	8	48.8	.....	77	23	19	4	39	7.38	.....	1.99	0	11	15	4	12	s.	B. S. Halbert.
Mount Ida	Montgomery	730	24	51.3	.....	78	27†	14	4	43	7.77	+3.20	1.98	.....	9	14	5	12	se.	G. A. Whittington.
Murfreesboro	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	9.70	.....	2.67	0	8	8	5	18	.....	Henry A. Davis.
Nail	Newton	2233	29	45.2	− 8.7	77	23	11	2	36	5.66	+0.33	1.37	T.	12	11	6	14	s.	Charles Paxton.
Newport	Jackson	231	38	52.2	+ 0.8	76	23	23	2	32	9.25	+4.87	1.97	3.0	10	11	5	15	sw.	George L. Robinson
Okay	Polk	1700	7	48.2[a]	.....	72[a]	23	16[a]	2	31[a]	7.58	.....	1.60	.....	10	10	9	12	n.	U. S. Forest Service
Osceola	Mississippi	240	22	53.2	+ 2.4	80	28	26	2†	40	7.15	+1.73	2.30	0	6	8	2	21	s.	Atwood P. Smith
Ozark	Franklin	377	26	53.3[b]	− 0.6	79	23	24[c]	4	32[c]	4.49	0.00	1.21	0	9	13	5	13	e.	Isham Barrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	10.79	.....	3.96	0	7	15	0	16	.....	W. E. Baker.
Pine Bluff	Jefferson	215	38	54.1	0.0	79	24	21	3	34	13.55	+8.40	3.06	0	14	13	0	18	n.	Roy F. Hammond.
Pocahontas	Randolph	300	30	50.7	− 0.3	77	23	21	2†	36	8.22	+3.64	2.20	2.0	10	8	8	15	s.	Benedictine Sisters.
Portland	Ashley	122	16	56.4	− 0.3	83	28	25	3	38	7.78	−2.39	1.66	0	11	16	7	8	s.	W. E. Edmiston.
Prescott	Nevada	327	40	54.0	− 0.9	78	24	21	4	39	9.86	+5.44	2.50	0	12	12	9	10	s.	O. J. Stephenson.
Princeton	Dallas	257	15	.....	.....	.....	.....	.....	.....	.....	11.53	+7.33	2.00	0	11	16	4	11	sw.	Foote Coleman.
Rison	Cleveland	243	18	54.2	− 0.2	79	23†	20	3	38	13.83	+9.26	2.87	0	11	10	8	13	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	48.8	+ 0.3	74	23	13	2	40	4.47	+0.97	1.79	0.2	11	13	6	12	s.	Carl A. Starck.
Searcy	White	236	9	52.3	....	77	23	19	3	34	8.76	.....	2.55	3.0	11	12	3	16	ne.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	10.57	+6.39	3.15	0	12	16	0	15	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	53.2	+ 0.1	76	24†	23	3	31	11.38	+5.95	2.76	0	12	12	11	8	s.	H. A. Buerkle.
Subiaco	Logan	1050	25	52.4	− 0.5	80	23	19	2	32	4.64	+0.80	1.32	0	8	14	7	10	e.	New Subiaco Abbey.
Texarkana	Miller	332	49	56.7	+ 0.7	79	13†	23	3†	36	7.52	+3.58	1.80	0	8	12	10	9	n.	H. S. Brashear.
Umphers ‡‡	Yell	2000	5	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service
Waldron	Scott	675	3	.....	.....	.....	.....	.....	.....	.....	6.33	.....	1.87	1.5	10	7	6	18	s.	Dr. Cheves. Bevil.
Warren	Bradley	206	3	55.8[a]	+ 0.5	78[a]	24	23[a]	2	36[a]	9.79	+4.27	2.10	0.3	.....	13	9	9	se.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	9.90	+6.04	2.00	T.	7	12	2	17	sw.	Miss Ededa M. Schi
Wynne	Cross	250	14	52.8	+ 2.0	77	24†	24	2	34	11.75	+7.69	2.45	0	10	14	2	15	n.	J. M. Larkan.
State Means and Extremes				51.7	− 1.9	83	.....	7	.....	50	8.58	+3.88	3.96	1.0	11	12	6	13	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in deter mining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appear ing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates ‡‡Post-office addresses of these stations as follows:- June tion, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark. * +10.62

Daily Precipitation for March, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	...	...	...	...	...	.60	...	...	1.45	..	...	...	.86	.17	...	...	...	.80	...	...	...	...	...	...	...	2.32	.03	...	...	...	3.13	9.36
Arkadelphia	....do	1.65	...	...	...	...	.60	...	.15	.95	...	...	...	.70	.05	...	...	...	.75	...	...	...	...	...	...	...	...	2.30	.20	...	1.60	1.20	10.15
Arkansas City	Mississippi	2.25	.65	...	...	...	.42	...	.12	2.03	...	...	.47	.40	T.	...	...	...	.10	...	...	...	...	...	...	.82	.05	.04	...	1.50	1.28	10.14
Batesville	White	.25	...	...	...	...	...	...	.03	2.00	T.	...	...	.73	.13	...	...	...	.61	...	...	...	...	...	...	.94	.62	...	...	.76	1.17	7.24
Bee Branch	Arkansas	...	...	...	...	...	.1	...	.70	.10	...	...	.20	.40	...	...	...	.15	.85	...	...	...	...	...	.10	1.00	...	...	.10	1.00	1.00	5.70
Bentonville ***	....do	T.	T.	...	...	...	.01	...	1.29	.13	...	...	.16	T.	...	...	...	...	.19	.18	...	...	...	...	1.98	T.	...	.04	.42	.58	.10	5.06
Black Rock	White	.59	...	...	...	...	...	.2.	.04	2.19	...	...	...	.59	.22	...	...	...	...	.98	.05	...	...	...	...	.92	.37	...	.02	.96	1.70	8.90
Booneville	Arkansas	...	...	...	...	...	T.	...	1.18	.03	...	...	.38	.31	...	...	...	.27	...	...	...	...	...	...	.21	.70	...	T.	.58	.82	.17	4.65
Brinkley	White	1.64	...	...	...	...	.21	...	.46	2.14	...	...	...	.86	.18	...	...	...	1.74	...	...	...	...	...	...	1.10	1.32	...	...	1.72	1.62	12.99
Calico Rock	....do.	.57	...	...	...	...	.30	...	.17	1.80	...	...	...	.29	.25	...	...	...	.68	.12	...	...	...	...	...	1.35	.50	...	.20	1.59	.61	8.43
Camden	Ouachita	.92	.09	...	...	...	.10	...	.11	1.55	...	...	...	.82	...	...	...	...	1.09	...	...	...	...	...	...	1.90	.19	...	...	2.18	1.24	10.19
Clarendon	White	1.40	.10	...	...	...	.15	...	.30	2.05	...	...	.04	1.38	.02	...	...	...	2.81	...	...	...	...	...	...	1.08	.65	...	...	1.58	1.42	12.98
Clinton	....do.	...	...	...	...	...	.21	...	2.30	.04	...	...	.58	1.19	...	...	...	.85	.44	...	...	...	...	...	.05	1.65	...	...	.30	1.33	.60	9.34
Conway	Arkansas	...	...	...	...	...	.18	...	1.71	...	...	...	.06	.91	...	...	...	.91	...	...	...	...	...	...	.22	2.51	...	...	.21	1.38	.96	9.05
Corning	White	.70	...	...	...	...	.20	...	1.70	...	...	...	.30	.56	...	...	...	...	.71	...	...	...	...	...	...	1.71	...	.06	.63	.97	1.33	8.67
Danville	Arkansas	.78	...	...	...	...	.42	...	...	1.23	.07	...	.00	.48	...	...	...	...	.36	...	...	...	...	...	...	1.04	.20	...	.05	.70	.89	6.22
Dardanelle	....do	...	.55	.12	...	...	.15	...	.20	1.76	...	...	.20	.55	...	...	...	...	.50	...	...	...	...	...	...	1.10	...	...	...	.85	.84	6.82
Dodd City	White	.10	...	...	.10	...	...	...	1.70	.05	...	...	...	.75	...	...	...	.24	.29	...	...	...	...	...	...	1.10	...	...	1.05	.35	.44	6.17
Dumas	Arkansas	.85	...	...	...	...	.78	...	2.38	.10	...	...	.78	.88	...	...	...	T.	.03	...	...	...	...	...	T.	1.05	.07	...	.57	3.20	1.50	12.19
Dutton	White	...	...	T.	...	...	.12	...	.98	.04	...	...	.08	.46	...	...	...	...	.12	...	...	...	...	...	.93	.40	...	...	.41	.65	.14	4.33
El Dorado	Ouachita	.58	...	...	...	T.	...	...	.58	.35	...	...	T.	.85	...	...	...	T.	.40	...	...	...	...	...	...	2.93	...	...	1.78	1.22	...	8.69
England	Arkansas	.53	...	...	...	...	.21	...	1.60	.11	...	...	.66	1.21	...	...	...	T.	.79	...	...	...	...	...	...	2.14	...	T.	.53	1.15	1.25	10.58
Eureka Springs	White	...	...	...	...	...	.23	...	1.07	.12	...	...	.20	.18	...	...	...	.22	.15	...	...	.17	...	...	.28	1.40	...	T.	.39	.49	.10	5.00
Fayetteville	....do	...	...	...	...	...	.12	...	.78	.04	...	...	T.	.19	...	...	...	.22	.06	...	...	...	T.	.50	.87	...	...	...	.26	.20	3.24
Fort Smith ***	Arkansas	...	...	...	...	...	.02	...	.49	.01	...	...	.13	.03	...	...	...	.31	.02	...	...	...	...	.54	1.10	.21	...	T.	.76	.66	...	4128
Fulton	Red	1.18	...	...	...	...	...	T.	...	T.	1.40	...	T.	.60	...	...	...	...	.37	...	...	...	...	...	...	2.34	.10	...	...	1.45	1.60	9.04
Georgetown	White	2.05	.15	...	...	...	...	...	.34	2.43	...	...	.16	.67	.12	...	...	...	1.17	...	...	...	...	...	...	1.59	.92	...	...	1.24	2.17	13.01
Grannis	Red	.03	...	...	...	...	.40	...	2.04	.02	...	...	.14	.86	...	...	...	.71	...	...	...	...	...	.70	1.02	.01	.01	.57	1.30	.12	7.93
Gravette	White	...	T.	...	...	...	.16	...	1.68	.50	...	...	...	.42	...	...	...	.41	.10	...	...	...	...	T.	.98	.57	...	.04	.34	.56	.19	5.95
Hardy	....do	.20	...	...	...	...	.50	...	.90	...	...	...	.50	.50	...	...	...	.20	.90	...	...	...	...	...	...	1.10	...	...	...	.30	1.10	6.20
Harrison	....do	.05	...	...	...	...	...	...	1.40	...	...	...	.01	.80	...	...	...	.30	.30	...	...	...	...	...	...	1.00	...	...	.80	.60	.20	5.46
Helena	Mississippi	1.08	.20	...	...	...	...	.24	.22	2.76	...	...	.02	.62	.32	...	...	...	.52	.12	...	...	...	...	...	.40	.34	...	...	.44	1.66	9.54
Higden	White	...	...	...	...	.15	...	...	2.15	...	...	...	.50	.68	...	...	...	.25	.80	...	...	...	...	...	.17	1.30	...	...	.80	.87	1.02	7.97
Hope	Red	.35	...	...	...	.06	...	...	1.00	...	...	...	.04	.45	...	...	...	.55	...	...	...	...	...	...	.58	2.64	...	T.	1.34	1.61	.27	8.87
Hot Springs	Ouachita	.37	...	...	...	.09	...	...	1.66	...	...	...	.10	.77	...	...	...	.35	...	...	...	...	...	...	.50	2.29	...	.03	.40	2.50	.52	9.58
Huttig	....do	2.00	...	...	...	...	.27	2.50	...	...	...	...	...	.10	...	...	...	...	...	...	...	...	...	...	...	2.40	...	.20	.87	2.30	1.20	11.90
Jonesboro	White	1.00	...	...	...	...	.05	...	2.65	.38	...	...	.15	.72	...	...	...	.07	1.45	...	...	...	...	...	...	1.73	...	...	.12	1.11	1.93	11.36
Junction	Ouachita	1.1.	...	...	...	...	.81	...	.89	...	...	...	.82	...	...	...	...	.18	...	...	...	...	...	...	2.30	...	...	...	3.95	.83	...	10.95
Little Rock	Arkansas	.02	...	...	...	...	.11	...	2.16	...	...	...	.06	.41	...	...	...	.57	.04	...	...	...	...	...	.98	1.77	.01	...	.72	.45	T	8.30
Lutherville	....do	...	...	...	...	.01	...	...	1.50	.08	...	...	.28	.48	...	...	...	.85	.02	...	...	...	...	...	.20	1.02	...	...	.50	.88	.22	6.04
Magnolia	Red	.25	...	...	...	...	...	...	.85	.80	...	...	...	.65	...	...	...	...	.60	...	...	...	...	...	2.50	1.00	...	...	1.50	1.80	.85	10.80
Malvern	Ouachita	1.38	...	...	...	...	...	.20	.57	1.20	...	...	...	1.45	.10	...	...	...	.52	...	...	...	...	...	...	1.73	.16	...	...	1.22	1.57	10.10
Mammoth Spring	White	.38	...	...	...	...	.38	...	1.12	.18	...	...	.20	.57	...	...	...	.35	.80	...	...	...	...	...	...	1.15	...	...	.56	.92	.90	7.70
Marianna	Mississippi	...	...	...	...	...	.11	...	1.81	.55	...	...	.07	.93	...	...	...	...	1.80	...	...	...	...	...	...	.94	.04	...	.07	2.46	1.01	9.82
Marked Tree	St. Francis	1.65	T.	T.	...	...	...	0.	.21	2.60	01	...	...	1.07	.35	...	...	...	2.11	.02	...	...	...	...	...	.66	.37	.04	...	3.03	2.32	14.59
Marshall	White	.18	T.	T.	...	...	T.	...	1.66	.20	...	...	.12	.56	...	...	...	.76	.11	...	...	...	...	...	.02	1.68	...	...	.65	1.12	.05	7.11
Mena	Ouachita	80	...	...	...	...	.16	...	.21	1.59	...	...	...	.99	.07	...	...	...	.43	...	...	...	...	...	...	1.61	...	T.	.01	.91	.62	7.49
Morrillton	Arkansas	...	...	...	...	...	.24	...	1.79	...	...	...	.70	.74	...	...	...	1.10	...	...	...	...	...	...	...	1.66	...	...	.11	.25	1.34	7.93
Mountain Home	White	...	...	...	...	...	.73	...	1.90	.08	...	...	...	.47	...	...	...	.58	.38	...	...	...	...	...	.15	1.39	...	...	.52	.90	.28	7 38
Mount Ida	Ouachita	.60	...	...	...	...	.35	...	1.09	...	...	...	...	.85	...	.57	...	...	...	...	...	...	...	.68	1.10	...	...	...	.55	1.98	...	7.77
Murfreesboro	....do	...	.33	...	...	...	...	...	...	1.81	...	...	...	...	...	...	...	...	...	.83	...	...	...	...	...	2.67	.29	...	...	1.29	2.07	9.70
Nail	White	.25	...	T.	...	...	.15	...	1.37	T.	...	...	.27	.67	...	...	...	.60	.10	...	...	...	...	...	.30	.70	...	...	.50	.70	.05	5.66
Newport	....do	.4.	...	...	...	...	...	...	.18	1.97	...	...	...	.51	.20	...	...	...	1.07	...	...	...	...	...	...	1.90	.30	...	...	.81	1.84	9.25
Okay	Arkansas	...	...	...	...	...	.2.	...	1.49	.35	...	...	.30	.54	...	...	...	.90	...	...	...	...	...	...	1.60	...	...	...	.50	1.20	.50	7.58
Osceola	Mississippi	...	...	.10	...	...	...	...	2.30	T.	...	...	.30	1.25	...	...	...	...	...	...	...	...	...	...	...	T.	.90	...	T.	1.00	...	7.15
Ozark	....do.	...	...	...	...	...	...	...	1.21	...	...	...	.10	.21	...	...	...	.64	...	...	...	...	...	...	.21	.49	...	...	.75	.63	.25	4.49
Patterson	White	...	...	...	...	...	...	...	...	3.96	...	...	...	.55	...	...	...	...	1.35	...	...	...	...	...	...	1.40	.65	...	...	1.23	1.65	10.79
Pine Bluff	Arkansas	1.73	.01	...	...	...	.10	.10	.51	1.55	...	...	.08	1.20	.05	...	...	...	3.06	...	...	...	...	...	...	1.17	1.0	...	...	1.52	1 12	13.53
Pocahontas	White	.50	...	...	...	...	.20	...	2.20	...	...	...	.55	.32	...	...	...	...	.95	...	...	...	...	...	...	1.20	...	...	.40	.85	1.05	8.22
Portland	Ouachita	.55	...	...	...	...	.18	...	1.66	.21	...	...	.12	.62	...	...	...	...	...	...	...	...	...	...	...	1.23	...	.03	.75	.91	1.52	7.78
Prescott	....do	1.62	.20	...	...	...	T.	...	.65	.88	...	...	T.	.69	.01	...	...	...	.47	...	...	...	...	...	...	2.50	.23	.02	T.	1.71	1.48	9.80
Princeton	Ouachita	1.50	...	...	...	...	...	.57	.10	1.60	...	...	.35	.37	...	...	...	...	.75	...	...	...	...	...	...	1.49	1.40	...	...	2.00	1.40	11.53
Rison	....do	1.69	...	...	...	...	.20	...	1.84	.18	...	...	.41	.85	...	...	...	...	1.68	...	...	...	...	...	...	2.87	...	...	1.56	.92	1.62	13.83
Rogers	Arkansas	...	...	...	...	...	.18	...	.72	.10	...	...	.10	T.	...	...	...	.25	.20	...	...	...	...	...	1.15	.64	...	...	.50	.39	.24	4.47
Searcy	White	.56	...	...	...	...	.08	...	2.07	.64	...	...	.30	.39	...	...	...	.01	...	...	...	...	...	...	...	2.55	...	...	.15	.88	1.70	8.70
Springbank	Red	1.06	.11	...	...	...	.04	T.	.08	.75	...	...	T.	.66	...	...	...	...	.35	...	...	...	...	...	...	3.15	.41	...	.06	2.40	1.50	10.57
Stuttgart	Arkansas	.64	...	...	...	...	.27	...	1.99	.19	...	...	.14	.56	...	...	...	...	2.76	...	...	...	...	...	T.	1 93	.06	...	.48	1 2.	.97	11.38
Subiaco	....do	...	...	...	...	...	...	...	1.32	T.	...	...	.16	.71	...	...	...	.31	T.	...	...	...	...	...	.27	.76	...	...	.37	...	.74	4.64
Texarkana	Red	.35	...	...	...	...	T.	...	1.10	...	...	...	T.	.92	...	...	...	.35	...	...	...	...	...	...	...	1.80	.05	...	...	1.7	1.25	7.52
Umphers	Arkansas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Waldron	....do	.75	...	...	...	...	.11	...	1.87	T.	...	...	.31	.26	...	...	...	.32	T.	...	...	...	...	...	.33	.22	...	...	.71	1.27	.18	6.33
Warren	Ouachita	...	.25	...	...	...	T.	...	1.45	.55	...	...	.20	.77	...	...	...	...	.30	...	...	...	...	...	...	2.10	T.	...	1.10	1.55	1.72	9.79
Whitecliffs	Red	1.20	T.	...	...	...	...	...	...	1.10	...	...	...	1.40	...	...	...	...	.40	...	...	...	...	...	...	T.	2.00	...	T.	1 90	1.90	9.90
Wynne	St. Francis	1.5'	...	...	...	.70	...	...	1.80	...	...	...	.30	.50	...	...	...	...	2.45	...	...	...	...	...	...	1.00	...	...	.90	1.20	1.50	11.75

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for March, 1922.

Stations	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.5	5.3	5.3	4.8	4.6	4.6	4.8	4.8	4.7	4.7	5.5	6.5	6.8	6 9	7.1	8.4	12.5	14.0	14.7	15.0	13.7	12.3	11.2	10.2	9.7	9.7	10.0	13.3	14.2	14.6	16.2
Dardanelle	....do	20	4.2	4.2	4.4	4.2	4.2	4 0	3.9	3.7	3.5	7.1	6.3	5.6	5.4	6 4	6.6	6.4	6.6	11.0	12.8	13.4	13.4	11 8	10.3	9.7	8 8	8.1	9.2	9.5	11.9	13.6	14.9
Little Rock	....do	23	6.0	5 7	5.6	5.6	5.6	5.5	5.5	5.7	5.6	6.3	9.0	9 3	9.0	8.2	8.4	9.2	8.9	8.4	11.5	14.0	14.8	14.5	13.0	11.5	10.3	9.6	10.2	11.0	12.0	13.2	16.0
Pine Bluff	....do	25	9.7	9.8	9.6	9.1	9.4	9.1	9.3	9.2	9.4	9.6	10.4	12.8	13.2	12.5	11.8	12.2	12.6	12.3	12.3	15.6	17.1	17.7	17.6	15.6	14.3	13.7	13.6	13.9	14.6	15.3	17.4
Black Rock	Black	14	10 0	10 0	9.3	9.0	9.0	8 8	9.5	9.3	9.1	16.0	17.4	16.0	15.4	15.4	15.3	15.5	11.9	14.5	15.3	16.5	16.6	16.3	15.8	15.1	14.8	14.3	16.0	16 8	16.9	17.7	20.7
Calico Rock	White	18	5.1	4.6	4.4	4.1	3.1	4.1	3.5	3.7	3.6	10.9	11.1	9.9	8.2	7.7	8.3	7.8	6.8	6.3	6.4	7.0	6.5	6.2	6.0	5.6	5.2	5.2	8.1	10.1	9.9	10.5	13.4
Batesville	....do	23	11.7	11.0	10.5	10.2	10.2	10.0	10.6	10.1	9.8	19.9	19.8	18.3	16.4	15.2	15.3	15.6	14.4	13.1	14 5	14.1	13.6	13.0	12.6	12.2	11.7	11.5	15.5	16.5	17.5	18.1	22.8
Newport	....do	26	10.2	10.4	10.3	10.0	9.8	9.7	9.6	9.7	9.7	15.6	19.7	21.4	22.0	21.8	21.5	21.2	20.9	20.6	20.2	20.0	20.0	19.7	18.9	18.1	17.2	16.7	18.6	19.5	20.7	21.9	22.7
Georgetown	....do	22	15 5	15.9	16 0	15 9	13.8	15.9	16.0	16.1	16.2	17.0	18.9	19.9	20.5	20.7	21.2	21.8	22.2	22.2	22.3	22.3	22.4	22 2	21.9	21.5	21.4	21.3	21.4	21.5	21.7	21 8	22.1
Clarendon	....do	30	9.9	20.9	21.5	22.0	22.4	22.7	22.9	23.1	23.2	23.8	24.1	24.4	24.6	25.1	25.5	25.8	26.2	26.5	27.1	27.4	27.6	27.7	27.8	27.8	27 8	27.7	27.9	27.9	27.8	28.0	28.2
Helena	Mississippi	42	19.4	30.3	31.2	32.2	33.2	34 0	34.8	35.4	36.0	36.8	37.	38.0	38.6	39.3	39.9	40.4	40.9	41.3	42.1	42.8	43.5	44.4	45.4	46.5	47.4	48.1	49.1	49.8	50.5	50.9	51.4
Arkansas City	....do	42	29.8	31.8	32.8	33 7	34.6	35.4	36.1	36 7	37 4	38.1	38.7	39 3	39.8	40.7	41.2	41.7	42.2	42.7	43.2	43.6	44.3	45.1	46 0	46.9	47.8	48.9	49.8	50.6	51.3	52.2	53.0
Camden	Ouachita	49	32.3	25.0	26.4	27.9	28.4	28.7	28.0	26.9	24.6	23.5	24.4	26.8	27.7	28.3	28.0	27.8	27.8	27.6	27.1	25.9	25.5	25.1	24.0	22.1	19.7	19.2	19.2	24.4	28.0	30.1	32.1
Danville	Petit Jean	20	29.2	10.7	13.4	12.1	9.7	7.9	7.1	6.4	6.2	18.2	21.2	21.4	18.9	17.1	18.3	16.2	14.4	11.3	10.7	10.4	9.1	8.1	8.0	7.8	7.5	7.8	10.2	13.1	14.2	16.4	21.1
Fulton	Red	28	15.3	16.0	16.5	15 8	16.8	16.4	15.5	14.1	13.2	12.9	13.	14.4	15.3	15.4	15.2	15.2	15.0	14.9	14.2	14.1	13.5	13.0	12.3	11.8	11.6	11.7	12.9	15.7	16.7	17.	18 6
Arkadelphia	Ouachita	18	8.9	9.7	7.4	6.1	5.3	4.9	5.3	6.0	5.1	9.7	10.1	8.4	6.2	6.0	7.5	8.0	6.2	4.9	5.8	6.3	4.9	4.5	3.9	3.5	3.2	4.0	11.3	10.5	7.5	8.4	10.0
Patterson	Cache	9	7.4	7.5	7 9	8.1	8.3	8.1	8.1	8.1	8.2	8.6	9.0	9.1	9.1	9.1	9.1	9.0	9.0	8.9	9.0	9.5	9.6	9.7	9.6	9.6	9.5	9.4	9.7	9.8	9.8	9.8	10.2

Daily Temperatures for March, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	30	33	52	66	65	62	63	47	51	65	66	71	61	70	72	70	66	60	64	69	72	77	76	65	60	65	74	64	70	59	68	63.1
	Minimum	27	21	19	17	26	38	35	25	25	39	42	33	46	47	49	41	44	53	57	34	34	34	34	41	42	55	49	47	54	53	47	39.0
Batesville §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	26	23	18	19	18	43	43	23	24	44	42	29	35	46	46	35	38	52	57	40	34	29	30	44	46	54	46	46	49	49	45	37.8
Bee Branch	Maximum	35	38	38	47	63	64	56	60	58	47	58	63	64	66	67	69	71	71	64	62	61	69	78	76	74	62	60	72	65	73	66	61.8
	Minimum	20	16	17	17	29	47	32	25	40	35	38	28	41	42	43	40	46	55	40	33	33	33	33	42	42	53	44	41	48	46	50	40	37.3
Bentonville	Maximum	29	29	39	51	63	62	52	59	50	46	58	68	65	65	67	68	68	64	57	56	58	69	73	69	64	44	62	55	60	56	47	57.2
	Minimum	14	12	14	24	38	35	30	32	41	33	36	38	50	48	38	46	50	56	37	30	36	36	57	55	44	38	40	41	41	44	35	37.7
Booneville	Maximum	34	31	38	52	67	66	55	61	58	47	58	67	62	67	67	70	73	66	65	60	65	72	77	74	71	60	65	68	62	68	58	61.4
	Minimum	23	18	22	24	39	45	34	35	43	38	40	39	50	49	48	48	54	61	40	33	41	42	52	54	60	48	46	55	48	55	42	42.8
Brinkley	Maximum	33	31	35	51	66	65	59	64	59	49	55	63	65	71	67	72	73	70	67	61	65	68	77	77	74	71	59	78	72	76	70	63.3
	Minimum	29	25	23	27	33	49	40	30	44	42	43	33	46	54	50	40	53	59	49	41	37	34	47	49	58	54	47	50	53	56	46	43.3
Calico Rock §§	Maximum	36	35	37	54	66	64	58	66	55	48	58	67	62	65	70	73	75	63	57	59	62	74	81	79	73	49	68	73	54	74	47	61.4
	Minimum	24	22	21	20	20	39	36	24	27	43	41	32	32	44	40	37	39	43	52	40	32	31	31	31	36	48	45	45	47	46	44	35.9
Camden §§	Maximum	38	41	40	54	70	70	60	64	52	52	65	66	79	69	70	74	74	71	57	67	71	73	77	78	69	69	66	74	62	75	62	64.5
	Minimum	30	25	22	22	23	37	37	28	29	41	39	37	41	54	50	43	44	51	53	34	35	37	40	47	50	59	48	50	50	57	49	40.7
Conway	Maximum	37	34	37	50	67	66	56	63	56	49	56	65	64	68	70	70	70	66	53	62	67	68	78	77	72	60	62	73	64	70	63	61.7
	Minimum	27	21	22	22	33	48	34	30	45	40	43	32	51	50	50	41	52	53	45	36	37	37	48	47	57	47	47	52	52	56	47	42.0
Corning	Maximum	30	31	36	43	58	60	56	54	55	45	50	58	58	68	59	58	66	66	66	49	56	57	69	69	69	69	57	61	61	74	69	57.3
	Minimum	26	21	28	27	34	47	36	28	43	42	41	31	43	55	42	37	51	57	43	38	32	29	44	53	57	47	45	51	44	50	41	40.7
Dardanelle	Maximum	50	39	37	52	69	65	58	60	50	66	68	68	62	68	68	68	68	74	70	65	63	68	73	80	78	76	74	62	73	70	71	61	64.7
	Minimum	19	20	25	25	36	52	36	28	30	30	31	38	40	49	49	46	49	48	43	36	38	40	48	47	46	49	44	54	50	49	45	40.0
Dodd City	Maximum	31	27	36	49	61	61	52	59	55	43	56	65	55	62	68	68	67	70	60	55	57	70	76	75	71	62	62	63	50	68	64	58.6
	Minimum	17	14	20	12	23	44	29	26	39	35	35	30	40	43	38	37	39	46	35	33	27	27	41	47	56	39	38	46	38	47	34	34.7
Dumas	Maximum	37	33	38	52	64	68	57	63	56	54	54	62	73	73	60	66	73	70	70	62	62	69	70	73	73	69	63	79	67	74	68	63.0
	Minimum	30	25	23	25	31	45	38	29	45	42	42	33	48	55	53	42	50	57	48	40	38	38	45	65	55	55	49	53	54	59	50	43.9
Dutton	Maximum	31	29	39	37	59	59	51	56	51	45	60	64	58	63	67	65	67	61	60	52	59	66	70	68	61	56	62	60	55	61	55	56.4
	Minimum	16	14	20	15	34	42	30	23	42	33	35	33	40	43	38	42	50	57	35	30	29	28	49	43	53	41	39	47	41	52	36	36.5
El Dorado	Maximum	38	42	44	49	72	70	65	63	65	59	70	78	80	75	....	....	....	74	70	....	....	....	....	....	....	70	66	....	72	75	63	64.8
	Minimum	30	25	23	23	35	57	54	35	35	41	35	44	48	50	....	....	....	51	41	....	....	....	....	....	....	50	50	....	50	59	49	42.1
England	Maximum	32	32	35	53	66	63	58	62	54	51	53	65	71	71	76	71	74	67	66	61	65	68	80	78	71	65	61	73	70	78	65	63.1
	Minimum	29	24	22	26	35	50	37	30	45	40	44	33	47	55	50	42	53	57	45	38	37	38	48	50	58	51	48	49	54	58	48	43.3
Eureka Springs	Maximum	33	29	43	55	63	62	52	60	53	45	63	70	69	65	70	71	70	64	62	59	59	73	74	70	65	58	67	61	62	60	54	60.0
	Minimum	14	12	17	23	37	40	29	34	4	32	35	36	48	46	37	45	51	58	34	29	34	32	54	55	56	37	38	42	45	50	34	37.9
Fayetteville	Maximum	29	27	36	50	59	67	52	57	54	48	57	66	65	65	68	66	70	66	62	56	59	70	74	70	66	58	62	58	58	59	57	58.4
	Minimum	15	13	16	24	38	40	29	33	42	32	35	40	52	46	39	47	54	54	35	28	38	33	57	54	57	37	39	43	42	51	36	38.7
Fort Smith	Maximum	34	30	41	54	69	67	55	61	53	49	60	67	61	65	69	70	72	67	62	60	66	75	77	72	66	56	60	62	59	68	53	60.6
	Minimum	22	19	25	27	37	40	34	36	43	38	41	41	51	50	47	50	52	56	41	35	42	43	54	54	51	48	47	50	50	52	43	42.5
Grannis	Maximum	33	34	40	50	69	65	56	61	55	49	65	67	67	68	69	68	70	68	63	65	70	71	75	74	68	60	66	75	68	66	58	62.4
	Minimum	25	18	19	20	30	48	33	32	43	39	35	35	50	48	46	46	50	58	43	35	35	41	47	47	56	50	48	51	54	56	42	41.3
Gravette	Maximum	30	27	39	52	65	64	53	63	53	46	60	69	67	66	68	70	70	65	65	57	60	71	75	70	65	53	61	58	60	60	51	59.1
	Minimum	14	11	7	12	38	40	28	27	40	32	33	37	50	43	33	44	49	49	36	29	28	33	57	52	53	38	39	41	39	48	35	36.0
Harrison	Maximum	34	32	41	52	63	62	50	55	53	48	52	65	64	65	68	70	77	67	63	58	56	72	75	74	75	66	66	60	58	70	65	60.5
	Minimum	18	16	22	19	34	42	32	25	35	35	32	35	44	48	48	49	57	57	38	34	32	30	50	64	66	45	42	49	42	50	37	39.6
Hope	Maximum	36	39	40	57	70	68	61	60	58	54	66	69	79	82	72	74	71	73	65	67	73	74	74	79	69	60	70	75	70	61	62	65.4
	Minimum	29	24	21	22	37	50	39	36	45	43	37	37	50	52	44	43	51	60	46	46	52	58	50	57	60	54	51	49	50	53	48	45.0
Hot Springs	Maximum	33	32	32	51	62	65	56	62	62	50	60	66	66	71	69	72	72	69	65	64	68	72	78	77	74	60	63	75	72	71	60	62.9
	Minimum	26	21	21	20	32	49	42	30	44	40	41	34	46	46	44	45	47	58	43	36	38	38	46	46	53	50	48	49	53	57	47	41.6
Huttig	Maximum	42	40	44	56	70	69	65	65	63	66	66	66	80	79	71	74	75	75	73	66	72	74	79	80	76	74	66	80	75	75	74	68.7
	Minimum	32	26	23	23	30	57	30	31	47	43	36	40	52	55	53	47	49	58	53	37	40	40	46	45	55	59	51	55	60	59	51	44.6
Jonesboro	Maximum	33	31	35	50	63	61	56	63	53	48	53	62	60	71	64	66	73	70	65	56	59	66	78	78	77	70	65	56	59	68	61	61.5
	Minimum	25	22	28	27	32	49	37	29	44	41	42	36	45	54	45	42	51	54	46	40	35	33	47	57	55	50	46	50	48	53	44	42.2
Junction	Maximum	51	46	50	63	72	64	59	64	69	60	62	66	80	77	69	67	73	64	62	59	67	68	70	72	73	70	64	73	77	70	76	68	67.5
	Minimum	30	26	24	30	32	44	35	30	47	35	31	36	52	55	47	41	50	53	50	43	46	48	50	51	52	51	53	55	52	57	52	43.8
Little Rock	Maximum	32	31	35	51	67	63	55	60	52	51	55	61	71	63	66	67	73	67	64	61	64	67	77	76	70	59	60	74	63	70	59	60.8
	Minimum	26	21	23	26	37	45	37	38	44	40	42	39	50	54	50	48	54	60	44	36	44	41	51	53	59	47	46	51	53	56	45	43.9
Lutherville	Maximum	37	35	37	50	64	64	61	59	59	54	57	60	60	65	68	65	68	65	61	60	64	68	76	73	68	58	60	68	63	67	59	60.4
	Minimum	22	17	23	24	34	49	32	32	42	46	38	38	49	48	47	46	50	57	41	34	41	41	49	50	57	45	44	51	47	54	42	41.6
Malvern	Maximum	38	37	36	53	56	67	63	66	58	56	62	70	69	67	68	74	76	74	61	67	71	75	79	80	73	62	65	75	62	72	60	64.3
	Minimum	34	30	30	28	37	51	42	35	50	47	49	43	55	54	54	51	54	61	59	43	45	49	50	49	59	54	54	52	56	54	55	47.9
Mammoth Spring	Maximum	34	33	38	50	61	61	55	60	57	46	49	60	61	65	67	66	72	69	62	54	55	65	77	76	74	70	60	69	60	73	70	61.3
	Minimum	24	22	23	20	28	49	35	24	44	41	41	28	40	51	42	35	47	57	42	38	30	28	41	45	55	40	44	57	43	49	40	38.8
Marianna	Maximum	48	43	33	46	58	58	51	59	55	48	48	58	62	62	62	65	68	68	68	55	58	61	69	70	71	71	58	73	74	70	70	60.0
	Minimum	34	32	27	26	36	50	39	30	41	44	43	34	45	53	51	43	50	58	49	42	42	38	48	50	57	57	49	50	54	60	48	44.5
Marked Tree §§	Maximum	30	34	51	61	65	58	60	49	48	51	61	65	72	65	68	72	75	74	74	59	61	55	58	64	75	74	74	59	57	69	61	70	60	55	60.4
	Minimum	25	25	26	27	48	38	38	37	44	44	37	41	52	49	42	45	54	58	40	37	36	38	38	52	52	48	48	53	53	58	44	42.8
Marshall	Maximum	32	30	36	48	68	60	52	57	52	46	56	63	62	68	67	68	71	67	62	56	60	68	73	73	68	60	62	64	68	72	60	59.6
	Minimum	18	15	20	24	35	46	32	35	42	37	38	40	48	52	42	46	54	58	39	35	38	38	53	53	58	43	42	44	50	56	38	40.9
Mena	Maximum	32	27	36	52	65	63	55	61	55	47	64	67	64	70	70	70	70	65	60	63	68	69	75	75	69	59	66	71	63	63	58	61.0
	Minimum	23	17	20	21	38	53	34	29	43	37	38	37	50	45	46	46	52	60	41	36	36	39	52	51	59	49	46	55	50	56	41	41.9
Morrillton	Maximum	38	37	37	47	65	64	54	60	54	48	53	61	61	67	68	67	71	71	63	61	65	67	76	74	71	61	63	72	70	69	60	61.1
	Minimum	26	21	25	22	34	49	37	32	43	40	41	34	50	50	49	41	52	59	43	37	39	37	49	49	56	49	47	52	50	54	47	42.1
Mountain Home	Maximum	34	32	37	50	62	61	55	61	51	52	56	64	55	60	67	69	72	61	60	57	60	69	77	75	73	61	63	67	51	74	59	59.5
	Minimum	20	20	23	19	30	45	32	25	40	38	38	32	43	49	40	42	50	55	37	36	36	30	47	49	55	41	41	48	42	47	37	38.3
Mount Ida	Maximum	32	32	33	51	65	66	58	62	57	67	68	68	55	69	69	72	66	63	66	71	73	77	76	72	68	68	78	78	67	70	58	63.7
	Minimum	26	18	16	14	30	49	35	22	44	41	28	34	45	44	44	39	56	43	35	30	30	45	45	51	48	45	47	49	52	55	45	38.9
Nail	Maximum	26	26	33	44	56	56	48	54	48	42	58	60	58	62	63	63	65	59	58	54	56	62	77	66	62	54	64	63	54	62	54	55.1
	Minimum	14	11	18	21	28	35	28	33	39	30	32	32	45	46	39	44	48	44	32	28	37	35	41	50	50	38	37	38	40	51	33	35.4
Newport	Maximum	36	34	37	46	62	63	57	61	57	48	53	60	61	67	67	69	73	70	65	57	62	65	76	75	76	71	72	75	71	73	68	62.2
	Minimum	27	23	24	25	35	50	36	29	44	42	42	34	45	53	47	41	53	60	40	41	37	35	49	58	48	49	50	51	49	51	43	42.3
Osceola	Maximum	63	65	66	66	66	62	62	62	60	60	60	68	70	71	71	71	72	72	68	65	64	62	60	68	68	76	78	80	78	78	76	68.0
	Minimum	28	26	26	26	30	30	30	30	40	45	40	38	40	39	39	40	45	40	30	30	32	40	40	45	46	48	48	52	52	54	42	38.4
Ozark	Maximum	38	36	41	53	67	59	59	61	56	58	59	64	59	65	71	69	73	68	61	65	68	72	79	75	66	64	63	71	62	68	60	62.3
	Minimum	....	....	....	24	37	36	35	30	44	40	39	41	42	49	47	49	54	59	42	35	36	41	55	50	60	50	46	49	51	56	44	44.3
Pine Bluff	Maximum	38	34	37	52	68	68	57	62	59	52	53	63	73	74	65	70	75	72	68	62	63	68	73	79	77	63	62	78	74	76	72	64.3
	Minimum	30	25	21	25	34	48	38	31	45	40	43	38	51	54	52	46	51	55	49	38	42	44	48	45	60	53	48	50	55	52	50	43.9
Pocahontas	Maximum	32	33	38	48	62	60	60	60	57	48	50	65	62	67	67	67	72	69	64	56	56	65	77	76	75	70	59	72	68	75	71	61.3
	Minimum	26	21	26	21	30	47	37	27	44	42	41	33	40	55	44	40	47	54	43	39	33	30	41	48	53	49	49	51	43	48	42	40.1
Portland	Maximum	42	34	40	54	70	70	57	65	64	64	63	64	77	75	69	75	76	70	70	64	67	74	79	79	73	65	64	83	72	80	73	66.8
	Minimum	32	29	25	27	32	50	39	30	46	45	41	38	51	61	54	44	51	60	52	50	41	39	47	46	59	59	50	54	60	60	52	45.9
Prescott	Maximum	35	35	37	54	70	68	62	65	60	50	65	66	75	75	70	74	73	71	66	68	71	74	77	78	74	62	65	73	71	69	61	65.0
	Minimum	28	22	24	21	31	60	37	29	44	41	36	36	51	50	49	43	50	58	47	34	39	41	46	46	59	54	50	49	55	56	48	43.0
Rison	Maximum	36	33	37	55	70	68	62	65	61	53	59	67	77	73	69	73	75	70	68	66	69	73	79	79	75	70	68	77	73	69	71	65.7
	Minimum	28	23	20	22	32	45	35	28	43	38	42	35	51	54	50	44	50	59	49	36	40	40	47	48	59	53	46	50	54	57	48	42.8
Rogers	Maximum	30	27	40	52	64	63	52	60	55	47	57	67	65	66	68	69	69	65	67	58	60	72	74	70	65	57	64	59	60	62	59	60.6
	Minimum	15	13	14	21	42	42	30	26	41	30	37	45	50	46	38	44	51	59	36	30	30	32	58	55	57	39	40	44	40	51	36	38.5
Searcy	Maximum	40	34	38	49	64	64	56	61	58	48	57	64	64	67	65	69	72	67	65	64	65	66	77	75	73	67	59	76	71	74	64	62.3
	Minimum	28	22	19	23	30	50	38	53	44	41	41	32	45	52	47	42	51	59	45	40	37	36	44	45	54	50	46	49	50	53	45	42.3
Stuttgart	Maximum	45	37	36	49	65	64	56	60	58	54	59	60	69	71	69	68	72	67	66	60	64	65	75	76	70	66	60	76	69	73	69	62.8
	Minimum	29	25	23	26	34	49	37	50	44	41	43	34	54	56	51	43	52	57	45	39	39	38	48	48	58	52	48	50	54	58	48	43.6
Subiaco	Maximum	35	34	39	56	67	67	56	62	57	48	59	66	59	66	70	71	73	67	66	60	67	74	80	76	70	60	62	68	60	71	60	62.1
	Minimum	25	19	23	24	37	49	35	32	44	40	40	38	50	50	47	48	50	61	41	34	41	40	49	52	60	48	47	51	50	55	45	42.7
Texarkana	Maximum	37	44	47	57	71	68	66	65	61	53	69	71	79	77	76	75	79	72	65	70	75	76	78	77	74	68	73	77	72	68	63	67.8
	Minimum	31	25	23	23	38	52	37	36	48	42	33	40	58	52	49	48	54	62	46	34	40	46	54	54	60	54	52	57	58	58	49	45.6
Warren	Maximum	....	39	39	54	68	66	60	63	58	53	62	65	77	74	68	73	74	69	71	67	70	73	77	74	68	61	65	70	77	77	59	66.2
	Minimum	....	23	25	27	32	54	38	30	45	42	41	37	52	56	53	42	50	61	51	38	41	38	48	48	61	55	49	55	59	59	50	45.3
Wynne	Maximum	45	30	34	48	64	64	56	64	53	48	52	62	63	73	66	70	73	65	63	58	61	65	72	77	77	70	58	77	63	72	68	62.0
	Minimum	29	24	26	30	41	50	38	30	42	43	32	45	45	54	48	46	55	52	48	42	36	33	52	52	58	50	47	50	53	56	46	43.3

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII. LITTLE ROCK, ARK., APRIL, 1922. NO. 4.

GENERAL SUMMARY.

The unusual features of the weather for April were two small ornadoes, high winds from the 8th to the 11th, a dust storm in he extreme west on the 10th, and high water in the streams n the eastern portion of the State. A tornado occurred at Boughton on the 4th in which property valued at about $5,000 as destroyed. No one was seriously injured. On the 16th a ornado occurred at Dyer in which one person was killed and bout 8 dwellings destroyed. High winds occurred in all por- ons of the State from the 8th to the 11th and in some localities n other dates, doing considerable damage to timber and mall buildings including instrument shelters at four substations f the Weather Bureau. A dust storm was reported at rannis, Mena, and Waldron the afternoon of the 10th, the ust being so thick that the sun was partially obscured. The verage precipitation for the month was only 0.72 of an inch bove normal, but the rains fell on wet soil and were so dis- ributed that the soil was too wet the entire month except in the orthwest portion. The low lands in most eastern districts were verflowed making farm work in those portions impossible. t the end of the month some corn and a great deal of cotton ere still unplanted. Wheat, oats, meadows, pastures, potatoes, uit, truck and berries made excellent progress and by the last f the month were in good to excellent condition.

TEMPERATURE.

The monthly mean temperature for 54 stations was 63.5° hich is 2.3° above normal. The monthly means ranged from 8.2° at Huttig to 57.5° at Nail, the departures being positive t all stations having normals. The highest temperature re- orded was 90° at Huttig on the 7th, highest temperatures oc- urring at nearly all stations from the 6th to the 9th. The low- st temperature was 26° at Dutton on the 1st, lowest tempera- ures in western and southern sections being reported on the st, those in the northeastern portion on the 18th or 20th. he highest temperature recorded lacks 3° of being as high as ie average highest temperature for April and the lowest lacks of being as low as the average lowest temperature for the onth.

PRECIPITATION.

The average precipitation for 73 stations was 5.54 inches hich is 0.76 inch greater than normal. The rainfall was heavy n the southwestern counties and in the higher portions of the zarks north of the Arkansas River where six to twelve inches curred, the largest monthly amount being 12.81 inches at pring Bank. In central, extreme northeastern, north central, nd extreme northwestern portions the amounts were less than rmal at most stations and in most instances were less than ur inches. The smallest amount was 2.77 inches at Hardy. he greatest 24-hour amount was 6.15 inches at White Cliffs on ie 27th. Light to moderate local showers were reported at most ations on the 4th and 5th, from the 8th to the 11th, and from ie 15th to the 18th; heavy rains occurred in most sections from ie 24th to the 28th.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	29.95	30.50	20	29.34	10	5,877	35	se.	8	.....	.....	48
Fort Smith...	29.96	30.51	20	29.40	8	7,603	60	sw.	10	80	62	57
Little Rock..	29.99	30.54	20	29.49	8	7,992	43	sw.	1	80	59	63
Memphis....	30.07	30.59	20	29.49	10	7,272	56	sw.	11	73	57	60

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 1; 2d, 2; 3d, 2; 4th, 8; 5th, 7; 7th, 1; 8th, 15; 9th, 4; 10th, 16; 11th, 1; 14th, 6; 16th, 6; 17th, 10; 24th, 4; 25th, 5; 26th, 6; 27th, 5; 28th, 2.

Dense Fog:– 26th, 1; 27th, 1.

Solar Halos:– 3rd, 1; 23rd, 1.

Lunar Halos:– 2d,1.

Light Hail:– 10th, 1; 14th, 1; 16th, 3; 17th, 1.

Killing Frost:– 1st, 5; 18th, 1; 20th, 1.

COMPARATIVE DATA FOR ARKANSAS---- APRIL.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Normal**	*61.2*		*93*	*24*	*4.78*		*8*	*13*	*9*	*9*
1891.....	62.8	+1.6	93	22	2.75	+2.03	15	10	5	8
1892.....	61.4	+0.2	97	22	6.98	+2.20	12	9	9	10
1893.....	64.9	+3.7	94	29	7.16	+2.38	11	10	9	8
1894.....	63.1	+1.9	91	29	6.18	+1.40	14	8	8	9
1895.....	63.1	+1.9	98	30	1.99	−2.79	15	8	7	6
1896.....	67.8	+6.6	94	24	3.65	−1.13	12	12	6	5
1897.....	61.4	+0.2	90	27	4.14	−0.64	12	11	7	9
1898.....	59.2	−2.0	93	19	3.09	−1.69	14	8	8	8
1899.....	60.7	−0.5	96	19	3.28	−1.50	10	11	9	7
1900.....	62.0	+1.0	96	24	4.98	+0.20	10	12	8	10
1901.....	58.1	−3.1	96	22	3.82	−0.96	14	8	8	6
1902.....	61.2	0.0	96	25	2.87	−1.91	11	11	8	8
1903.....	60.6	−0.6	91	26	1.86	−2.92	13	10	7	6
1904.....	56.8	−4.4	89	24	3.88	−0.90	11	9	10	8
1905.....	61.1	−0.1	96	25	6.29	+1.51	9	10	11	11
1906.....	63.7	+2.5	97	27	2.55	−2.23	15	7	8	6
1907.....	54.9	−6.3	89	24	5.44	+0.66	10	7	13	9
1908.....	63.3	+2.1	93	24	6.32	+1.54	9	9	12	12
1909.....	60.9	−0.3	88	24	4.52	−0.26	15	7	8	8
1910.....	59.8	−1.4	90	22	5.14	+0.36	12	9	9	9
1911.....	60.5	−0.7	90	29	9.86	+5.08	10	9	11	12
1912.....	61.9	+0.7	93	26	8.14	+3.36	9	11	10	12
1913.....	61.2	0.0	94	27	4.91	+0.13	17	6	7	6
1914.....	61.0	−0.2	94	19	4.57	−0.21	11	9	10	9
1915.....	64.3	+3.1	96	19	2.96	−1.82	14	8	8	5
1916.....	59.9	−1.3	92	24	3.65	−1.13	13	7	10	7
1917.....	60.4	−0.8	90	23	5.69	+0.91	14	7	9	9
1918.....	59.6	−1.6	96	25	7.63	+2.85	14	6	10	9
1919.....	61.6	+0.4	95	24	3.56	−1.22	14	6	10	7
1920.....	59.8	−1.4	94	11	5.49	+0.71	14	7	9	9
1921.....	59.8	−1.4	91	22	7.87	+3.69	14	6	10	9
1922.....	63.5	+2.3	90	26	5.34	+0.76	9	13	6	11

* Based on 30 year record.

Climatological Data for April, 1922.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	250	29	63.0	+ 0.9	85	14	33	1	41	4.99	−0.70	2.73	0	6	15	0	1	s.	Albert Dillard.
Arkadelphia	Clark	160	26	.....	.....	.....	.....	.....	.....	.....	4.86	−0.42	2.00	0	8	11	0	19	ne.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	5.06	+0.60	1.40	0	9	13	11	6	e.	Geo. E. Payne.
Batesville	Independence	277	23	60.9	+ 0.5	85	7	34	20	38	4.71	+0.09	1.03	0	9	13	1	16	ne.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	30	62.8	+ 1.9	86	6†	31	1	44	3.45	−0.89	0.80	0	7	12	4	14	sw	J. E. Scanlan.
Bentonville	Benton	1303	16	59.9	+ 3.0	84	6	32	1	36	3.89	0.00	1.41	0	12	10	7	13	s.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	20	.....	.....	.....	.....	.....	.....	.....	4.99	−0.55	0.80	0	10	15	0	15	.....	Vernon C. Howe.
Booneville	Logan	925	8	64.4	.....	85	9†	33	1	36	4.84	.....	1.20	0	10	15	5	11	s.	Supt. Tuberculosis San.
Brinkley	Monroe	226	40	65.5	+ 3.8	85	16	38	20	37	6.73	+1.76	3.41	0	11	14	5	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	18	61.6	.....	86	13†	34	20	47	2.85	−1.95	0.86	0	6	13	3	14	w.	J. M. Richardson.
Camden	Ouachita	158	36	64.6	+ 1.0	85	6†	41	1	38	6.77	−2.14	3.20	0	6	17	2	11	s.	A. B. Quarterman.
Clarendon	Monroe	171	18	.....	.....	.....	.....	.....	.....	.....	3.39	−2.79	1.15	0	10	8	7	15	s.	J. W. Bishop.
Clinton	Van Buren	550	1	.....	.....	.....	.....	.....	.....	.....	3.52	.....	1.05	0	8	10	5	15	s.	Dr. R. M. Hunter
Conway	Faulkner	309	38	64.0	+ 2.0	86	6†	37	1	39	5.42	+1.20	2.63	0	6	16	9	5	w.	E. E. Cordrey.
Corning	Clay	293	22	60.1	+ 0.7	80	6†	35	20	29	5.52	+0.98	1.12	0	9	15	8	7	s.	Rev. N. E. Skinner.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	4.41	.....	1.68	0	10	13	9	8	s.	J. R. Avera.
Dardanelle	Yell	330	36	65.6	+ 4.7	89	6†	35	1	41	4.00	+0.06	1.10	0	9	15	1	14	sw.	J. D. Riley
Devils Tea Table	White	190	1	.....	.....	.....	.....	.....	.....	.....	5.42	.....	2.00	0	7	13	2	15	...	R. M. Thomas.
Dodd City	Marion	1175	40	61.0	+ 1.2	88	6	31	1	42	5.36	+1.24	1.60	0	9	17	0	13	.....	Neal Dodd.
Dumas	Desha	162	15	64.4	+ 3.1	86	13	33	1	35	5.46	+0.96	2.40	0	9	6	17	7	.....	Ben. Johnson.
Dutton	Madison	1590	20	58.4	+ 2.3	81	6	26	1	39	7.89	+2.60	2.31	0	10	10	10	10	s.	J. M. Ricketts
El Dorado	Union	265	18	66.8	+ 3.3	88	13	38	1	39	9.12	+3.93	4.25	0	8	11	2	17	.....	Mrs. Virgil N. Walls.
England	Lonoke	229	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	61.0	+ 2.5	86	6	29	1	41	5.19	+0.49	1.23	0	7	8	13	9	sw.	George W. Nicholds.
Fayetteville	Washington	1451	36	60.0[f]	+ 1.3	82[d]	6	29[1]	1	38[1]	3.59	−0.60	0.93	0	8	13[d]	5[d]	8[1]	ne.	University of Arkansas
Fort Smith	Sebastian	481	40	63.6	+ 1.9	85	6	38	1	33	4.20	+0.40	1.03	0	12	10	3	17	e.	U. S. Weather Bureau
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	7.96	+3.06	3.31	0	9	11	6	14	e.	T. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	4.66	.....	1.22	0	8	10	10	10	e.	R. L. Bailey.
Grannis	Polk	921	4	62.6	.....	84	9	34	1	36	7.11	.....	1.78	0	15	11	7	12	s.	W. E. McVay.
Gravette	Benton	1250	24	60.4	+ 3.6	85	6	29	1	40	4.92	+1.08	0.90	0	13	9	5	16	sw.	A. F. Stevens.
Hardy	Sharp	643	25	62.8	+ 3.8	89	6	32	20	41	2.77	−1.81	0.75	0	5	17	4	9	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	5.66	−0.34	1.60	0	8	12	5	13	.....	James A. Burnett.
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	3.62	.....	1.00	0	6	11	11	5	sw.	Arthur Cross.
Hope	Hempstead	377	50	66.6	+ 2.9	89	16	37	1	37	9.26	+3.97	2.31	0	9	12	6	9	s.	N. P. O. Nail.
Hot Springs	Garland	600	29	64.8	+ 1.8	85	9	34	1	38	4.8	−1.58	1.23	0	7	7	7	16	s.	L. M. Maclae.
Huttig	Union	.....	15	68.2	+ 2.9	90	7	44	1	40	8.56	+3.91	3.06	0	9	13	5	12	sc	L. L. Cobb.
Jonesboro	Craighead	345	27	63.6	+ 2.4	89	6	37	20	34	5.07	+0.95	1.50	0	10	12	9	8	..	Benedictine Sisters.
Junction‡‡	Union	182	29	68.0	+ 4.5	89	9	43	18	33	7.78	+2.97	1.47	0	6	17	5	8	sw.	J. A. Lowderback.
Little Rock	Pulaski	286	43	64.2	+ 1.5	86	6	40	1	31	3.50	−0.96	1.24	0	10	10	8	12	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	25	62.6	+ 3.3	85	6	34	1	35	5.1	+1.64	1.05	0	9	10	8	12	e.	H. Kaufield.
Magnolia	Columbia	315	4	66.0	.....	84	7†	39	1	34	6.55	.	3.10	0	6	13	6	11	s.	State Agriculture Sch
Malvern	Hot Springs	277	39	.....	.....	88	6	.....	.....	.....	3.98	−.35	1.73	0	9	12	4	14	s.	Clark Houston.
Mammoth Spring	Fulton	512	17	62.0	+ 3.9	88	6	32	20	40	2.9	−2.56	1.05	0	6	14	4	12	s.	W. S. Vincent.
Marianna	Lee	235	13	64.0	+ 2.5	79	6†	45	1	37	4.	...	2.00	0	8	11	10	9	s.	C. F. Houck.
Marked Tree	Poinsett	229	17	64.8	.....	84	5	45	1	27	3.55	−1.7	0.98	0	8	12	10	8	ne.	Charles Walton.
Marshall	Searcy	1083	7	62.6	.....	83	6†	31	1	31	9.3	.....	1.34	0	9	12	11	7	sw.	W. F. Reeves.
Mena	Polk	1208	34	62.8	+ 0.9	83	14	33	1	36	6.8	1.45	1.81	0	13	12	7	11	s.	E. W. St. John.
Morrillton	Conway	347	2	64.2	.....	85	6	36	1	35	4.00	.	1.43	0	7	6	16	8	e.	J. W. Jackson.
Mountain Home	Baxter	800	8	60.6	.....	88	6	32	20	42	5.2	...	2.00	0	8	13	6	11	sw.	C. S. Harbert.
Mount Ida	Montgomery	730	24	63.0	.....	86	9†	31	1	44	5.2	0.56	1.50	0	8	11	4	12	e.	G. A. Whittington.
Murfreesboro	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	7.70	.	2.28	0	7	3	11	16	e.	Henry A. Davis.
Nail	Newton	2233	29	57.5	+ 1.0	80	6	30	1	41	6.0	1.71	1.20	0	10	10	6	14	s.	Charles Paxton.
Newport	Jackson	231	38	64.5	+ 2.8	87	6	41	20	34	3.8	−4.10	1.04	0	3	12	10	8	nw.	George L. Robertson.
Okay	Polk	1700	7	59.8	.....	81	6	32	1	32	0.8	...	1.50	0	9	11	10	9	s.	U. S. Forest Service.
Osceola	Mississippi	240	22	.....	.....	.....	.....	40	20	...	2.5	1.05	0.75	0	6	14	9	10	s.	Atwood P. Smith.
Ozark	Franklin	377	26	62.8	+ 0.3	87	5	35	1	40	6.6	2.55	1.77	0	10	15	7	8	se	Isham Barrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	1.77	.	0.98	0	7	15	9	15	.....	W. E. Baker.
Pine Bluff	Jefferson	215	38	66.5	+ 3.5	89	7	41	2	37	4.8	−0.31	1.96	0	9	18	2	10	s.	Roy F. Hammond.
Pocahontas	Randolph	300	30	63.1	+ 3.2	87	6	34	20	38	3.2	−1.65	0.80	0	9	9	12	9	s.	Benedictine Sisters.
Portland	Ashley	122	16	68.0	+ 4.4	88	7†	41	1	36	5.20	+0.56	1.73	0	9	14	9	7	s.	W. E. Eduiston.
Prescott	Nevada	327	40	65.6	+ 2.8	86	9	37	1	37	8.41	+3.32	3.75	0	11	14	5	11	e.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	6.45	+0.27	2.20	0	7	18	0	12	sw.	Foote Coleman.
Rison	Cleveland	243	18	66.0	+ 3.3	88	6†	36	1	37	7.74	+4.03	2.45	0	8	11	15	4	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	59.9	+ 1.7	85	6	28	1	41	5.03	+0.79	1.50	0	10	9	6	15	s.	Carl A. Starck.
Searcy	White	236	9	64.4[b]	.....	88	6	39[e]	20	36[e]	4.58	.....	1.44	0	8	14	2	14	s.	Miss Sarah Cypert.
Springbank ††	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	12.81	+6.37	4.45	0	10	16	4	10	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	64.6	+ 2.3	85	6	41	1†	35	3.98	−0.83	1.04	0	10	14	8	8	s.	H. A. Buerkle.
Subiaco	Logan	1050	25	64.6	+ 3.7	88	6	34	1	40	4.88	+0.83	1.18	0	12	14	7	9	e.	New Subiaco Abbey.
Texarkana	Miller	332	40	67.0	+ 3.1	85	7†	39	1	37	10.31	+5.60	4.10	0	9	16	1	13	n.	H. S. Brashear.
Umphers ‡‡	Yell	2000	5	63.1[c]	.....	88[c]	21	40[c]	18	37[c]	4.22	.....	0.96	0	10	11[c]	5[c]	11[c]	s.	U. S. Forest Service
Waldron	Scott	675	3	.....	.....	.....	.....	.....	.....	.....	6.66	.....	2.96	0	12	11	4	15	s.	Dr. Cheves. Bevil.
Warren	Bradley	206	3	66.5	+ 3.7	86	6†	39	1	33	5.58	+0.31	3.10	0	5	15	7	8	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	12.25	+6.54	6.15	0	6	15	0	15	sw.	Miss Eubela M. Schi
Wynne	Cross	250	14	64.7	+ 4.3	86	6	38	20	33	4.09	−1.28	1.40	0	8	17	0	13	sw.	J. M Larkan.
State Means and Extremes				63.5	+ 2.3	90	7	26	1	47	5.54	+0.76	6.15	0	9	13	6	11	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in deter mining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appear ng in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates ‡‡Post-office addresses of these stations as follows:- Junc tion, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for April, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity ‖	Ouachita				1.35				.60		.22			T.	T			.15						T.	.30			2.37	T.				4.99
Arkadelphia ‖	do					.90				.45		.01						.25								.50	.60	2.00	.15				4.86
Arkansas City ‖	Mississippi					1.37				.43		.35							.22	.36						.13	.17	1.40	.63				5.06
Batesville ‖	White	T.				1.03				.91	T.	.19			.28			.43	.04								.62	.73	.48				4.71
Bee Branch	Arkansas				T.	.80			.75		.40							.35							T.	.65	.30	.20				3.45
Bentonville ***	do			.01	.59	.04			.73		.28	.01			.18		T.	.04						T.	.41	.02	.85	.73	T.				3.89
Black Rock ‖	White					.34				.78		.11				.64		.59	.32							.02	.80	.75	.64				4.99
Booneville	Arkansas				1.20	.15			.39		.77							.98						.08	.26	.08	.82	.03	.08				4.84
Brinkley ‖	White					.42				1.66		.32				T.										T.	.12	3.41	.80				6.73
Calico Rock ‖	do					.65	T.			.30		.39						.38								T.	T.	.86	.27				2.85
Camden ‖	Ouachita					.59				.65		.62				.08		.18	.10							.40	.41	3.20	.14				6.77
Clarendon ‖	White	.02				.65				1.02		.12							.10							T.	.06	1.15	.27				3.39
Clinton	do					.30			1.02		.72							.38								.15		1.05					3.62
Conway	Arkansas				.87				.77		.28				.05			.06								.08	2.63	.30	.45				5.49
Corning	White					1.12				.76	.89				.48			.66					.02			.04	.50	.95	.10				5.52
Danville ‖	Arkansas					1.68				.47		.45						.31								.10	.24	.98	.08	.10			4.41
Dardanelle	do					.90				.38		.62						.54										1.10	.41	.05			4.00
Devils Tea Table	White					.85			.35		.22				.27			.37								.02	2.00	.80	.54				5.42
Dodd City	do					.97			.58									1.42								.37	.42	1.60					5.36
Dumas	Arkansas				.70					.55	.06				.02		T.	.40	T.						.30	.08	2.40	.95					5.46
Dutton	White				1.07	.56			.77		.82							.72							.42	2.31	.93	.26	.03				7.89
El Dorado ‡	Ouachita	1.59				1.56				.77	.40							.30	T.							.12	.13	4.25	T.				9.12
England	Arkansas																																
Eureka Springs	White					1.18			.70		.11				T.										.14	.64	1.23	1.19					5.19
Fayetteville	do				T	.57			.93		.42				04										.08	.32	.58	.65	T.				3.59
Fort Smith ***	Arkansas				.85	.18			.27		.21						.80	.02						.06	.75	.01	.54	.30	.31				4.30
Fulton	Red			T.	1.84				.37		.15						.32	.17	T						.79	.83	3.34	.15					7.96
Georgetown ‖	White					.72				.46		.88				.19			.06							T.	.48	1.22	.65				4.66
Gillett	do																																
Gramis	Red				1.78	.10			.73		.40			.04	.10		.70	.27	.05					.06	.49	.81	.96	.30	.32				7.11
Gravette	White			.08	.13	.90			.75	.02	.13				.28		T.	.16						T.	.31	.46	.83	.85	.02				4.92
Harly	do					.75				.60	T																.40		.75	.27			2.77
Harrison	do																																
Helena	Mississippi					1.10				.50		.42				.06			.44							T.	.18	1.60	.76				5.06
Higden	White				.62				.45		.25							.18									1.00	.87					3.37
Hope	Red				2.00	.03			.75		.24							.38								1.55	2.31	1.90	.13				9.26
Hot Springs	Ouachita				.76				.90		.27							.05								.95	1.29	.58					4.80
Huttig	do				.68	.12				.60	.10							.25	1.20	.45						1.10		4.00					8.50
Jonesboro	White					1.00				.56	.27	.10			1.50			.05						T.	.41	.31	.78	.09					5.07
Junction	Ouachita				.98				.51		.22							.78	.42							T.		4.67					7.58
Little Rock ***	Arkansas				.65	.12			.36		.14			T.	.02			.17							.04	.43	.80	.82					3.55
Lonoke	do				.54	.85			.81		.55							.42								.20	1.03	.60	.15				5.15
Magnolia	Red				1.15					.85							.55									.90		3.00		.10			6.55
Malvern	Ouachita					.77				.45	.05	.10						.42	.10							.12		1.73	.26				3.98
Mammoth Spring	White					1.06				.31	.11				T.			1.03							T.		T	.38	.05				2.94
Manila	Mississippi					.35				1.24	.41	.01														.02	.02	2.06	.21				4.35
Marked Tree ‖	St. Francis					.40				.80		.44				.37		.03								T.	.32	.99	.60				3.95
Marshall	White				.04	.83			.80		1.28				T.			.85							.04	.03	1.34	.26					5.47
Mena	Ouachita	T.	.01		.19	1.81				.71	T.	.72			.05			.48							.10	.47	.45	1.44	.01	.05			6.49
Morrilton	Arkansas					.60			.65		.10							.10									.90	1.43	.31				4.09
Mountain Home	White					.78			.50		.90							2.00							.08	.16	.50	.60					5.52
Mount Ida	Ouachita				1.21				.25		.78							.55						.14		.55	1.50	.26					5.27
Murfreesboro	do					1.42						.51						.23								.32	1.06	2.28	1.07				7.39
Neal	White				.10	1.20			.60		1.00						.10	.90						.20	.50	1.20	.55					6.35
Newport	do					.89				.83		.31				.32			.04							.02	1.04	.98	.80				4.86
Osan	Arkansas				.60	1.50			60	.04	.72	1.50						.53									.75	.75					6.99
Osceola	Mississippi									.75		.32				.45											.45	.50	.40				2.87
Ozark	do			1.06	.09				1.77	.14	1.11							.61						.47	.19	.97	.16	T.				6.63
Patterson	Wade					.45				.90		.70				.36										.60	.98	.78				4.77
Pine Bluff	Arkansas					.56				1.63		.28			.12				.07							.06	.64	1.96	.14				4.86
Pocahontas	White					.75			.75		.15				.25			.03								.10	.60	.80	.10				3.53
Portland	Ouachita					.68				.45	.12								1.16	.52						.36	18	1.26	.47				5.20
Prescott	do					1.45				.78		.18				.13		.23	.10							.65	.74	3.75	.37	.03			8.41
Princeton	Ouachita									1.35		.90							T.							.25	1.25	2.20	.15				6.45
Rosston	do															.13		.17							.24	1.16		2.45					7.74
Rogers	Arkansas				1.35	.24			.62		.22					.03									.21	.10	1.45	.79	.06				5.03
Searcy	White					.71				.67	.18					.12		.04									1.20	1.44	.19				4.58
Springbank ‖	Red																																
Stuttgart	Arkansas				2.42	2.45				.13		.08						.83	.55					T.	3.03	.85	4.45	.20	T.				12.81
Success	do			.68	.76				.97	.10					.08			.11								.32	.47	1.04	.05				3.98
Texarkana ‖	Red			.99	.20				.68		.57						.04	.80						.05	.20	.09	1.18	.14	.03				4.88
Umpire	Arkansas				.96					.30		.18						.30	.28					T.		.85	.92	4.10	.35				10.34
Waldron	do				.34	.96			.26		.72						T.	.24						.09	.21	.30	.81	.26	T.				4.22
Warren	Ouachita				2.75	.23			.41		.82			T.			.02	.73	T.					.12	.17	.08	.67	.56	.12				6.06
Watersmeet	Red				1.50				T.		.60				T.			.38								T.	T.	3.10					5.58
Wynne	St. Francis					2.50						T.							.20							1.40	1.30	6.15	.70				12.25
						.85				.54		.40				.18			.10								.20	1.40	.42				4.09

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for April, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	19.1	19.7	17.8	15.6	17.2	20.6	21.1	21.0	20.0	22.0	26.3	27.5	27.3	25.4	23.6	22.3	22.0	21.6	21.0	21.0	19.8	16.6	12.7	9.6	9.3	9.5	11.6	17.8	18.6	17.1	
Dardanelle	do	20	16.1	17.6	17.5	15.9	14.9	17.6	19.3	19.8	19.5	19.0	21.0	23.6	25.2	25.0	23.7	21.9	20.8	20.5	19.5	18.9	18.9	17.4	15.0	11.6	9.2	8.6	8.7	11.4	16.1	17.0	
Little Rock	do	23	17.1	18.0	18.7	18.5	17.5	16.8	18.5	20.0	20.2	20.0	19.8	20.8	22.3	23.2	23.2	22.8	22.2	21.6	21.1	20.6	20.1	19.6	18.7	16.9	14.2	10.3	9.4	10.0	12.5	16.8	
Pine Bluff	do	25	19.4	20.3	21.3	21.7	21.3	20.4	21.4	21.8	22.9	23.1	22.8	23.0	23.9	25.1	25.9	26.0	25.4	24.7	24.3	23.9	23.7	24.4	22.5	21.8	19.5	16.9	15.7	14.4	17	19.9	
Black Rock	Black	14	22.5	22.9	22.2	21.7	22.0	22.7	23.3	23.3	23.4	23.2	23.0	22.6	22.2	21.6	21.3	21.0	20.5	20.4	20.2	19.8	19.3	19.0	18.3	17.9	17.2	16.7	16.2	16.5	16.3	16.0	
Calico Rock	White	18	14.0	12.3	11.4	10.2	9.4	10.3	10.7	9.9	10.0	10.1	14.2	12.6	10.3	9.2	8.2	7.1	7.6	9.1	7.6	6.3	6.9	6.2	5.6	5.1	4.7	4.6	5.1	7.5	9.5	9.6	
Batesville	do	23	22.6	21.2	19.6	18.4	17.5	17.3	18.3	17 4	17.8	17.2	17.8	20.6	18.9	16.8	16.0	14.5	14.0	18.0	15.3	13.9	13.7	13.0	12.3	11.5	11.0	10.8	10.9	12.7	15 4	16.5	
Newport	do	26	24.2	25.3	25.7	25.4	25.2	25.1	24.9	24.7	24.9	25.0	24.9	25.7	26.2	26.2	25.3	24.6	23.9	23.8	23.9	23.7	22.3	21.8	20.5	19.8	19.1	18.5	18.5	18.3	18.9	19.8	
Georgetown	do	22	22.6	23.2	23.6	23.7	23.8	23.9	23.9	23.9	23.9	23.8	23.9	23.8	23.8	23.8	23.9	23.8	23.7	23.5	23.3	23.0	22.8	22.6	22.3	22.0	21.7	21.5	21.4	21.3	21.2	21.1	
Clarendon	do	30	28.4	28.7	28.9	29.2	29.6	29.9	30.1	30.2	30.4	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.6	30.5	30.4	30.3	30.1	30.1	29.9	29.7	29.5	
Helena	Mississippi	42	51.8	52.0	52.3	52.3	52.3	52 3	52.1	52.0	51.9	51.8	51.7	51.7	51.5	51.4	51.4	51.3	51 4	51.6	51.7	51.7	51.8	51.9	52.0	52.0	52.0	52	52.4	52.7	52.8	52.9	
Arkansas City	do	42	53.6	54.2	54.7	55.1	55.6	56.0	56.3	56.4	56.6	56.7	56.9	57.0	57.0	57.1	57.3	57.3	57.5	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	57.9	57.8	57 7	
Camden	Ouachita	49	33.4	34.6	35.9	36.2	35.6	34.6	33.3	32.8	32.8	32.5	32.0	31.1	30.0	28.3	26.6	24.0	21.2	18.9	16.8	15.7	14.6	13.5	12.1	11 0	10.2	9.7	13.8	22.3	27.4	30.1	
Danville	Petit Jean	20	21.8	22.7	23.5	17 6	19.2	21.7	22.6	21.8	20.2	18.9	17.8	18.2	16 3	13.8	11.2	10.4	9.2	8.1	7.0	9.6	9.4	7.7	6.9	6.0	5.7	4.6	9.9	16.3	15.5	12.1	
Fulton	Red	28	20 5	22 0	22.3	22.0	21.8	26.3	27.9	28.4	28.5	28.0	27.3	26.6	27.2	26.7	25.5	23.8	22.3	20.5	19.6	19.4	18 9	17.6	14.9	14.3	13.1	14 4	20.0	24.4	26.4	27.4	
Arkadelphia	Ouachita	18	17.1	11.3	7.5	6.0	7.6	9.9	11.5	7.0	6.2	5.7	5.3	4 5	4.8	4.0	3.8	3.5	3.0	2.9	2.8	2 5	2.2	2.0	1.8	1.6	1.5	2.1	5.0	9.0	8.0	5.9	
Patterson	Cache	9	10.3	10.1	9.8	9.6	9.4	9.3	9.2	9.2	9.1	9.3	9.5	9.6	9.7	9.7	9.8	9.6	9.4	9.2	9.0	8.7	8 6	8.5	8.4	8.2	8.0	8.0	7.9	7.9	7 9	7.9	

Daily Temperatures for April, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	67	70	78	74	84	80	84	79	84	76	72	81	83	85	82	78	78	63	72	75	79	83	73	77	78	70	77	70	73	74	....	76.6
	Minimum	33	34	45	49	57	59	54	50	52	52	48	41	66	70	51	51	51	45	38	38	40	42	45	53	57	63	62	53	47	45	....	49.4
Batesville §§	Maximum	42	65	76	77	75	85	82	78	82	77	67	76	81	81	68	81	79	59	71	69	78	67	74	74	72	62	64	63	67	72	....	72.7
	Minimum	58	42	43	45	55	51	52	68	59	62	50	40	42	71	44	47	61	41	38	34	36	47	53	45	55	60	60	51	39	39	....	49.1
Bee Branch	Maximum	64	70	75	79	72	86	85	82	84	84	64	81	83	84	75	85	86	83	73	74	81	82	78	78	73	72	74	71	70	74	....	77.4
	Minimum	31	39	40	45	55	50	62	62	52	51	46	39	64	59	45	50	60	39	36	34	40	49	45	53	58	56	56	46	40	40	....	48.1
Bentonville	Maximum	67	68	76	70	68	84	80	72	81	71	60	78	82	73	72	76	75	56	64	72	79	78	65	66	67	60	62	57	66	71	....	70.5
	Minimum	32	47	52	57	56	56	67	55	55	45	41	42	68	44	40	55	42	35	37	37	52	50	53	53	59	57	51	49	47	45	....	49.3
Booneville	Maximum	63	65	78	70	76	79	84	79	85	81	64	81	80	85	73	80	80	67	71	78	81	79	73	72	76	73	73	71	69	69	....	75.3
	Minimum	33	45	53	59	57	58	71	59	58	57	45	46	71	66	48	57	61	42	42	42	55	55	52	55	62	61	60	49	47	49	....	53.6
Brinkley	Maximum	59	69	80	81	76	83	85	80	84	83	71	79	85	80	74	85	79	74	75	75	81	77	72	80	73	77	77	70	69	74	....	76.6
	Minimum	43	41	49	59	60	58	65	73	59	58	51	44	69	72	51	57	70	44	43	38	45	50	46	56	66	63	63	50	45	45	....	51.4
Calico Rock §§	Maximum	66	71	84	83	73	71	77	79	85	76	66	83	86	83	73	83	86	63	74	75	83	78	79	77	77	65	67	67	70	75	....	75.8
	Minimum	41	42	46	45	54	51	50	49	53	61	49	38	42	49	44	46	59	39	36	34	37	46	48	53	61	62	58	52	39	38	....	47.3
Camden §§	Maximum	67	73	77	77	79	85	85	80	85	82	71	81	84	89	75	81	70	65	74	74	79	82	72	80	70	76	72	68	74	64	....	76.4
	Minimum	41	43	47	53	58	54	58	69	58	60	50	44	56	71	55	56	63	46	42	44	45	44	46	54	59	61	63	55	50	48	....	52.9
Conway	Maximum	61	69	75	78	76	86	86	78	81	78	71	81	84	82	70	83	82	72	72	73	81	78	69	76	72	68	74	64	68	72	....	75.4
	Minimum	37	43	48	57	58	54	67	59	59	55	50	42	70	78	65	78	77	65	67	63	73	73	60	67	67	67	62	56	60	65	....	69.4
Corning	Maximum	54	60	73	74	73	80	80	80	77	76	63	71	78	78	65	78	77	65	67	63	73	73	60	67	67	67	62	56	60	65	....	69.4
	Minimum	41	42	45	56	62	56	67	62	58	61	48	42	65	54	43	51	61	40	40	35	50	50	42	52	62	57	55	48	40	40	....	50.8
Dardanelle	Maximum	61	68	78	75	75	89	88	88	88	80	63	84	84	86	89	89	77	83	86	77	75	74	84	76	80	73	74	73	78	74	70	78.3
	Minimum	35	47	49	55	57	54	66	56	57	53	47	50	64	67	51	52	64	45	44	40	52	52	52	54	62	60	60	53	48	42	....	52.9
Dodd City	Maximum	62	67	77	75	69	88	85	82	83	80	78	84	81	81	71	79	83	74	67	75	81	79	75	72	76	68	59	62	68	70	....	75.9
	Minimum	31	39	43	46	53	50	58	55	51	38	37	61	62	57	57	52	56	32	34	35	43	48	47	44	55	56	54	47	36	38	....	47.1
Dumas	Maximum	55	68	75	78	74	79	84	84	85	79	71	80	86	86	80	80	75	66	62	68	76	72	70	72	74	80	74	68	61	65	....	74.0
	Minimum	33	41	48	59	60	57	63	68	57	71	51	45	67	69	56	58	70	47	45	43	46	47	51	57	63	62	63	54	48	42	....	54.7
Dutton	Maximum	63	67	74	65	66	81	80	72	77	73	68	76	78	77	77	75	78	64	55	69	74	75	65	69	70	64	67	62	68	70	....	70.4
	Minimum	26	42	45	55	54	42	65	55	50	48	40	35	65	63	39	54	51	29	36	31	41	41	49	34	57	59	58	47	40	38	....	46.2
El Dorado	Maximum	67	69	77	76	82	85	78	78	86	86	75	84	88	83	79	86	80	69	73	75	81	83	76	82	75	68	79	74	72	74	....	78.1
	Minimum	38	43	51	60	58	60	66	62	60	58	50	48	70	70	55	64	47	44	44	49	49	49	52	58	64	61	62	56	56	61	....	55.3
Eureka Springs	Maximum	70	71	78	72	66	86	82	77	81	80	60	79	83	77	75	78	71	58	66	71	80	80	73	67	74	68	59	58	70	73	....	72.3
	Minimum	29	44	49	56	51	55	66	54	55	58	39	43	62	49	49	54	54	35	40	39	54	56	48	51	57	55	54	44	42	42	....	49.2
Fayetteville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	76	75	54	64	70	76	76	78	66	67	67	65	63	66	72	....	70.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	49	54	35	36	36	37	53	....	....	....	....	....	....	....	....	....	....	....
Fort Smith	Maximum	63	66	77	70	78	85	85	78	85	77	61	81	82	81	71	76	75	57	70	76	79	80	66	69	77	66	72	61	68	70	....	73.4
	Minimum	38	48	55	57	58	59	72	58	54	52	45	48	71	55	50	58	56	43	43	44	52	54	55	58	61	62	61	50	52	51	....	53.8
Grannis	Maximum	66	67	73	67	75	81	82	74	84	80	67	78	77	81	71	79	80	64	70	72	77	79	67	72	69	76	76	69	71	70	....	73.8
	Minimum	34	41	50	57	55	55	65	57	48	54	44	45	65	57	47	56	59	43	40	42	44	49	55	54	60	61	60	54	48	47	....	51.1
Gravette	Maximum	69	68	76	73	69	85	82	74	82	79	60	80	82	76	78	78	74	57	65	73	80	79	74	62	66	64	65	58	67	71	....	72.0
	Minimum	29	47	49	55	55	55	67	55	55	56	40	38	67	51	37	55	49	31	31	34	52	44	54	50	56	57	56	48	47	43	....	48.7
Hope	Maximum	64	71	79	74	80	87	86	85	88	78	71	82	85	82	72	89	85	75	73	76	82	85	68	59	49	41	42	45	47	54	....	74.1
	Minimum	37	44	51	62	58	58	57	57	58	58	50	45	58	69	57	68	59	49	41	42	45	47	54	58	63	63	62	54	57	49	....	54.1
Hot Springs	Maximum	66	70	78	75	77	84	84	78	85	81	73	81	84	83	82	84	79	72	71	75	83	77	79	77	75	78	76	74	69	72	....	77.9
	Minimum	34	42	49	56	57	54	66	58	55	54	49	43	67	70	57	56	63	44	41	39	46	44	49	51	61	62	62	51	49	48	....	52.1
Huttig	Maximum	66	74	77	77	83	89	90	83	89	85	76	86	85	88	85	88	85	76	73	73	80	81	80	81	83	81	80	82	80	70	73	....	80.0
	Minimum	44	47	50	59	58	60	62	70	60	55	52	46	46	70	59	66	67	54	47	48	48	47	56	62	65	61	61	57	50	55	....	56.0
Jonesboro	Maximum	55	66	79	79	75	89	85	82	83	82	72	77	84	82	67	83	80	72	73	71	81	72	65	75	75	69	65	59	59	50	42	47	....	52.9
	Minimum	42	43	56	47	62	55	66	69	59	60	43	42	66	58	47	55	70	41	43	37	58	51	44	54	61	59	59	50	42	47	....	50.9
Junction	Maximum	74	76	78	76	79	83	88	84	89	84	82	83	85	84	81	84	82	76	80	81	85	83	80	81	80	78	77	72	73	72	70	....	80.0
	Minimum	49	51	50	54	57	61	63	56	62	58	60	61	62	61	61	56	52	43	46	54	56	57	60	63	61	60	57	58	48	45	....	56.0
Little Rock	Maximum	58	66	75	77	75	86	83	78	84	80	59	79	86	86	80	83	86	69	73	75	81	83	76	82	75	68	79	74	72	74	....	78.3
	Minimum	40	46	54	61	59	61	68	60	58	53	50	49	70	57	51	58	64	45	46	49	52	56	51	57	61	63	58	51	49	51	....	54.1
Lutherville	Maximum	59	63	75	69	71	85	82	75	83	80	60	80	82	83	73	83	66	68	70	73	81	82	75	79	76	75	78	70	70	76	....	76.1
	Minimum	34	44	53	57	56	57	67	69	52	54	44	45	66	59	48	54	59	41	40	44	50	52	50	55	59	60	59	50	47	43	....	52.1
Magnolia	Maximum	67	71	75	75	80	82	84	80	84	82	81	80	82	83	73	83	66	68	70	73	81	82	75	79	76	75	78	70	70	70	....	76.1
	Minimum	39	46	54	61	58	62	69	78	58	50	49	46	64	70	54	62	43	44	48	46	65	46	55	57	59	61	60	64	56	50	....	55.1
Malvern	Maximum	65	70	84	79	76	88	84	84	85	78	75	83	85	81	76	84	74	71	75	79	80	83	74	82	73	70	76	71	73	76	....	77.1
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mammoth Spring	Maximum	62	67	78	78	74	88	86	82	88	83	61	77	84	81	69	81	82	72	68	70	78	78	70	74	73	72	61	63	68	72	....	74.1
	Minimum	41	42	44	50	62	57	6.	64	55	58	47	37	60	56	41	49	69	38	35	32	43	51	45	61	58	57	61	55	48	36	37	49.1
Marianna	Maximum	55	65	71	75	75	79	79	73	79	61	67	74	79	79	76	68	76	70	69	69	75	75	73	73	73	73	73	71	65	67	....	71.4
	Minimum	45	55	45	60	63	58	64	69	58	64	52	48	68	69	53	59	60	48	47	51	48	52	51	48	53	58	56	52	52	51	....	53.6
Marked Tree §§	Maximum	65	74	76	72	84	80	79	79	80	66	76	81	80	69	78	72	68	74	70	78	72	74	75	71	69	70	62	64	65	71	....	73.5
	Minimum	45	50	54	60	62	63	69	62	63	53	53	56	71	55	56	64	49	70	50	52	54	50	52	60	64	62	54	49	50	53	....	56.2
Marshall	Maximum	61	69	75	75	72	83	83	77	81	75	66	77	82	80	79	79	69	69	71	70	73	68	72	75	68	67	66	62	66	69	....	72.8
	Minimum	34	44	52	60	60	58	68	61	57	54	46	46	67	56	46	56	57	33	39	40	55	66	50	56	62	58	56	48	39	42	....	52.2
Mena	Maximum	67	71	76	66	77	82	82	74	82	77	68	78	75	83	75	80	80	55	60	49	75	79	80	75	70	72	68	67	75	77	....	74.1
	Minimum	33	43	51	58	54	57	67	58	52	54	43	43	67	58	38	55	60	41	36	41	41	50	50	59	60	62	61	52	48	44	....	51.1
Morrillton	Maximum	59	66	75	75	73	85	83	77	85	82	66	79	81	82	70	81	81	75	72	72	81	77	75	76	73	72	76	73	72	78	....	76.4
	Minimum	36	44	48	53	57	55	66	59	56	56	49	44	67	69	47	55	61	42	46	41	46	53	50	55	63	64	61	51	46	54	....	53.1
Mountain Home	Maximum	62	68	80	78	67	88	84	76	82	75	62	79	84	81	76	86	83	57	68	74	81	83	65	75	72	66	66	64	69	72	....	74.1
	Minimum	38	41	45	53	56	51	62	56	53	53	44	37	61	52	41	51	53	36	34	32	45	50	45	52	55	56	53	46	39	42	....	47.1
Mount Ida	Maximum	69	72	78	74	77	85	84	79	86	79	72	82	84	86	74	84	84	62	74	76	81	84	72	75	69	67	78	66	72	74	....	74.1
	Minimum	31	39	38	55	57	48	70	59	50	53	46	38	69	58	45	55	62	41	22	35	40	43	48	45	60	62	62	52	45	41	....	49.1
Nail	Maximum	61	64	73	65	63	80	77	70	77	70	60	75	76	76	67	76	76	52	66	67	75	74	64	65	70	63	63	56	60	68	....	68.8
	Minimum	30	40	50	56	52	56	62	50	45	45	38	34	62	50	42	48	50	34	39	39	50	55	40	52	55	53	53	42	40	40	....	46.8
Newport	Maximum	60	67	77	79	75	87	85	83	83	80	71	75	81	81	70	81	81	71	73	71	81	76	69	74	73	72	66	60	70	72	....	73.8
	Minimum	42	44	48	55	61	55	67	70	59	59	49	46	68	63	49	56	67	45	43	41	50	55	45	50	64	64	60	50	45	45	....	53.8
Okay	Maximum	61	64	73	68	65	81	78	72	79	75	61	75	76	77	68	75	78	65	68	67	75	69	67	72	64	67	66	68	69	70	....	71.4
	Minimum	32	42	50	56	55	56	64	55	53	50	41	43	65	51	41	53	59	37	39	39	51	51	40	53	53	53	56	46	42	44	....	49.2
Osceola	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	42	46	48	55	60	55	63	66	59	70	51	41	65	65	49	53	70	43	44	40	50	52	45	57	62	62	60	50	45	46	....	56.1
Ozark	Maximum	64	78	74	78	87	86	85	77	86	80	65	70	72	82	71	79	78	77	79	75	81	80	70	56	78	58	60	80	70	71	....	74.1
	Minimum	35	47	60	64	59	60	65	57	52	50	47	50	45	47	55	57	50	49	39	40	46	48	41	44	50	61	48	46	58	56	....	51.1
Pine Bluff	Maximum	79	76	77	80	79	87	89	81	85	85	73	81	86	81	74	85	74	69	69	73	80	75	75	82	75	78	77	70	67	72	....	77.1
	Minimum	42	41	52	58	57	56	67	69	59	60	50	47	69	69	55	62	62	48	42	50	48	50	50	53	57	60	63	53	50	52	....	53.1
Pocahontas	Maximum	60	68	80	79	75	87	87	82	82	80	68	77	83	78	68	81	80	61	77	70	82	79	66	76	73	67	60	61	67	72	....	74.1
	Minimum	41	42	54	54	60	55	67	68	58	65	48	39	62	56	41	50	60	40	39	34	49	52	42	52	61	57	55	48	43	45	....	50.1
Portland	Maximum	63	73	78	81	83	87	87	84	82	85	75	82	87	85	82	87	83	74	70	73	81	84	78	84	78	83	78	71	70	72	....	78.1
	Minimum	41	44	48	60	60	58	61	67	61	70	52	47	68	66	58	63	70	50	47	48	48	48	50	56	64	61	63	58	51	50	....	56.1
Prescott	Maximum	65	72	77	75	80	85	85	81	86	83	71	82	88	82	77	84	80	72	73	75	80	80	77	80	78	71	78	75	70	72	....	77.1
	Minimum	3	43	51	60	54	55	68	59	56	56	48	45	69	68	51	63	62	45	43	43	47	47	51	55	61	61	61	53	49	47	....	53.1
Rison	Maximum	6.	75	78	81	79	88	88	81	86	85	73	82	87	82	77	84	82	74	69	72	75	83	81	75	82	71	78	79	73	74	....	78.1
	Minimum	36	42	51	60	58	59	65	68	57	52	49	45	69	68	54	58	64	44	41	42	49	48	50	56	60	61	63	51	47	46	....	53.1
Rogers	Maximum	68	69	75	70	69	85	82	77	81	76	64	80	82	78	72	77	77	56	66	74	79	79	66	67	65	61	58	51	47	47	....	71.4
	Minimum	28	46	54	57	35	49	66	55	56	58	43	39	67	50	39	57	50	34	33	33	43	45	51	50	63	55	51	47	47	41	....	47.1
Stuttgart	Maximum	58	78	75	78	75	85	82	79	82	81	72	78	82	79	71	82	75	66	71	69	79	76	68	76	72	75	74	71	70	71	....	76.1
	Minimum	41	43	50	49	59	58	68	68	58	57	50	46	69	69	53	58	66	45	41	42	48	49	49	57	64	62	64	52	48	46	....	53.1
Searcy	Maximum	59	69	77	77	75	88	84	79	84	87	80	80	84	83	68	81	78	72	74	70	80	75	67	75	73	70	71	69	66	72	....	76.1
	Minimum	42	44	43	55	59	53	59	70	59	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Subiaco	Maximum	67	66	79	70	75	88	86	79	86	79	65	81	83	85	73	82	82	61	72	76	81	80	72	71	78	71	74	71	70	71	....	76.1
	Minimum	34	45	53	59	57	55	70	59	55	57	47	44	69	62	49	56	60	41	42	41	51	54	52	56	61	63	60	52	48	46	....	52.1
Texarkana	Maximum	70	74	78	73	82	84	85	80	85	84	73	75	84	85	80	81	78	72	72	74	80	85	71	80	76	70	70	78	77	76	....	78.1
	Minimum	39	49	54	59	57	61	70	63	59	64	48	48	70	72	53	64	62	47	41	45	51	48	55	59	62	62	62	60	51	51	....	56.1
Warren	Maximum	65	72	77	79	80	86	86	81	86	84	73	81	85	80	72	84	78	66	73	72	80	80	75	81	76	78	76	77	68	68	....	77.1
	Minimum	39	45	50	61	59	58	65	70	58	60	52	48	71	71	57	61	66	47	41	41	49	51	51	57	65	62	64	54	49	48	....	56.1
Wynne	Maximum	58	72	78	78	75	86	84	80	84	83	63	78	80	85	80	85	80	70	71	74	78	76	68	78	70	77	73	74	74	69	72	73	....	76.1
	Minimum	42	42	48	57	63	58	67	68	60	58	50	45	67	60	50	57	70	44	42	38	48	49	47	57	65	63	61	50	43	48	....	53.1

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY B. COLE, Meteorologist.

Vol. XXVII. Little Rock, Ark., May, 1922. No. 5.

GENERAL SUMMARY.

As a whole, May, 1922, was not an unusual month. With regards both temperature and precipitation the month was near normal and no record breaking extremes occurred. Although the precipitation was slightly less than normal, the number of rainy days, 11, was 3 above normal. This was due to the great number of local thundershowers, several stations reporting 10 or more during the month. The geographical distribution of the rainfall was irregular, but most of the heavier totals occurred in the southern and southeastern counties, the lighter in the northern. Showers, falling on wet soil in the eastern lowlands and in the southern counties, delayed farming operations and grassy cotton fields were the rule in those sections at the close of the month, while in most northern counties, the dry weather was favorable and work advanced accordingly.

A wind storm occurred at Dyer, Crawford County, near midnight of May 26th which wrecked a church, damaged several residences, and destroyed a number of barns and shade trees, the total damage being estimated at $10,000. This was not a tornado. Moderate hail fell at Huttig, Junction, Subiaco, and Dumas during the month, doing some damage to gardens and truck crops.

W. C. H.

TEMPERATURE.

The mean temperature for the State, as determined from the records of 52 stations, was 70.8° which is 1.6° above the May normal. Positive departures prevailed in all sections. The highest monthly mean was 77.0°, recorded at Huttig; the lowest, 64.4°, at Dutton. The highest temperature recorded during the month was 100° at Texarkana on the 11th. The lowest was 40° at several stations. The greatest daily range was 43° at Ozark on the 5th.

PRECIPITATION.

The average precipitation, as determined from the records of 53 stations, was 5.00 inches, which is 0.12 inch less than normal. The monthly totals ranged from 12.69 inches at Huttig to 1.57 inches at Corning. The greatest fall in 24 consecutive hours was 3.75 inches at Arkadelphia on the 21st. The average number of rainy days was 11.

Correction.

Morrilton, cloudy days March, 1922, should be 10.
Unity, cloudy days, April, 1922, should be 15.
Unity, greatest 24 hour precipitation, April, 1922, should be 2.37.
Warren, days with 0.01 or more precipitation, April, 1922, should be 4.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	29.91	30.17	1	29.60	18	3,677	33	e.	20	.....	.....	58
Fort Smith...	29.89	30.17	1	29.59	18	5,326	42	w.	21	82	62	61
Little Rock..	29.99	30.22	1	29.59	18	5.737	52	w.	20	86	65	67
Memphis....	29.97	30.30	1	29.61	18	4.421	38	nw.	13	77	61	66

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 3d, 12; 4th, 14; 6th, 11; 7th, 8; 8th, 2; 9th, 2; 10th, 4; 11th, 3; 12th, 8; 13th, 10; 14th, 2; 16th, 4; 17th, 1; 18th, 3; 20th, 18; 21st, 11; 22d, 19; 23d, 14; 24th, 6; 25th, 2; 26th, 3; 27th, 16; 28th, 9; 29th, 1; 30th, 1; 31st, 3.

Dense Fog:— 3d, 1; 25th, 1.

Solar Halos:— 14th, 1; 17th, 3; 20th, 1.

Lunar Halos:— 7th ,1.

Light Hail:— 3d, 1; 6th, 2; 7th, 2; 13th, 1; 20th, 2; 22d, 1; 23d, 1; 27th, 2; 28th, 2.

Moderate Hail:— Huttig, 4th; Junction, 20th; Subiaco, 22d; Dumas, 23d.

COMPARATIVE DATA FOR ARKANSAS---- MAY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
*Normal**	*69.2*		*97*	*34*	*5.12*		*13*	*10*	*8*	
1891.....	67.0	−2.2	97	36	2.78	−2.34	15	9	7	8
1892.....	67.8	−1.4	100	32	9.52	+4.40	8	11	12	7
1893.....	68.6	−0.6	94	38	9.71	+4.59	14	8	9	13
1894.....	70.1	+0.9	95	35	3.40	−1.72	12	12	7	11
1895.....	69.0	−0.2	97	36	3.91	−1.21	13	11	7	7
1896.....	74.3	+5.1	98	46	3.54	−1.58	15	10	6	8
1897.....	68.3	−0.9	98	33	2.13	−2.99	17	9	5	7
1898.....	72.1	+2.9	100	30	6.44	+1.32	16	9	6	5
1899.....	72.9	+3.7	96	44	6.45	+1.33	10	12	9	7
1900.....	69.3	+0.1	97	37	3.69	−1.43	12	12	7	10
1901.....	68.2	−1.0	100	31	2.95	−2.17	12	13	6	9
1902.....	73.2	+4.0	100	42	4.34	−0.78	12	12	7	7
1903.....	67.5	−1.7	96	24	7.47	+2.35	9	11	11	8
1904.....	67.1	−2.1	98	31	3.39	−1.73	13	12	6	12
1905.....	70.7	+1.5	93	38	9.58	+4.46	9	11	11	8
1906.....	68.8	−0.4	100	28	4.71	−0.41	15	8	8	12
1907	63.8	−5.4	91	31	9.48	+4.36	7	13	11	8
1908.....	70.0	+0.8	96	30	7.05	+1.93	8	13	10	13
1909.....	67.0	−2.2	92	28	6.76	+1.64	14	9	8	10
1910.....	66.0	−3.2	95	31	6.56	+1.44	12	10	9	10
1911.....	70.8	+1.6	101	26	1.11	−4.01	19	10	2	11
1912.....	69.9	+0.7	98	32	2.41	−2.71	15	11	5	3
1913.....	69.3	+0.1	99	35	3.32	−1.80	16	10	5	6
1914.....	69.5	+0.3	97	34	3.34	−1.78	12	13	6	7
1915.....	69.9	+0.7	101	34	5.58	+0.46	12	9	10	6
1916.....	71.6	+2.4	99	34	3.56	−1.56	18	7	6	8
1917.....	63.5	−5.7	97	31	3.15	−1.97	15	7	9	6
1918.....	72.2	+3.0	102	29	3.01	−2.11	17	8	6	6
1919.....	66.8	−2.4	96	38	6.01	+0.89	9	9	13	4
1920.....	70.8	+1.6	96	39	8.17	+3.05	11	9	11	12
1921.....	69.7	+0.5	99	29	2.25	−2.87	18	8	5	12
1922.....	70.8	+1.6	100	40	5.00	−0.12	12	10	9	5

* Based on 30 year record.

Climatological Data for May, 1922.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	29	71.1	+ 1.3	95	31	48	16	37	5.76	−0.29	1.08	0	11	13	3	15	s.	Albert Dillard.
Arkadelphia	Clark	160	26	.....	.....	.....	.....	.....	.....	.....	7.90	+1.69	3.75	0	10	13	0	18	s.	F. J. Carpenter.
Arkansas City ‡‡	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	10.33	+5.91	2.80	0	14	11	11	9	s.	Geo. E. Payne.
Batesville	Independence	277	23	69.1	+ 1.3	89	27	45	1†	36	4.94	−0.10	1.25	0	11	21	1	9	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	30	70.6	+ 2.2	91	26†	48	17†	37	3.18	−1.36	1.00	0	10	6	12	13	sw.	J. E. Scanlan.
Bentonville	Benton	1303	16	67.8	+ 1.4	85	21	48	19	33	4.32	−0.90	2.16	0	13	12	11	8	se.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	20	.....	.....	.....	.....	.....	.....	.....	3.23	−1.40	0.51	0	13	20	1	10	.....	Vernon C. Howe.
Booneville	Logan	925	8	71.7	.....	89	12†	53	17	30	5.11	.....	1.51	0	15	19	8	4	s.	Supt. Tuberculosis San
Brinkley	Monroe	226	40	72.2	+ 2.4	92	27	53	1†	33	5.98	+1.30	1.30	0	11	11	14	6	s.	H. L. D. Whitson.
Calico Rock	Izard	361	13	69.8[a]	.....	90[a]	26	45[a]	1†	38	2.84	−1.24	0.64	0	9	7	9	15	w.	J. M. Richardson.
Camden	Ouachita	158	36	72.5	+ 1.3	89	26†	52	1	32	6.09	+1.58	2.47	0	12	7	9	15	sw.	A. B. Quarterman.
Clarendon	Monroe	171	18	.....	.....	.....	.....	.....	.....	.....	5.36	+0.27	1.85	0	15	7	10	14	ne.	J. W. Bishop.
Clinton ‡‡	Van Buren	550	1	.....	.....	.....	.....	.....	.....	.....	5.91	.....	1.60	0	10	10	12	9	s.	Dr. R. M. Hunter
Conway	Faulkner	309	38	71.6	+ 2.1	89	26	51	19	34	3.40	+1.52	1.07	0	11	17	13	1	s.	E. E. Cordrey.
Corning	Clay	293	22	69.4	+ 1.0	88	11†	50	1	37	1.57	−2.46	0.33	0	11	15	12	4	s.	Rev. N. E. Skinner.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	4.07	.....	1.40	0	11	19	1	11	.....	J. R. Avera.
Dardanelle	Yell	330	36	71.3	+ 1.8	89	12†	40	1	32	2.72	−3.04	0.68	0	7	16	1	14	.....	J. D. Riley
Dam No. 1	White	190	1	.....	.....	.....	.....	.....	.....	.....	3.56	.....	1.54	0	8	20	0	11	....	R. M Thomas.
Dodd City	Marion	1175	40	67.3	0.0	90	21	45	17	35	3.83	−1.29	0.90	0	10	10	17	4	sw.	Neal Dodd.
Dumas	Desha	162	15	71.4	0.0	87	9	52	19	30	8.94	+4.55	1.58	0	18	4	8	19	.....	Ben. Johnson.
Dutton	Madison	1590	20	64.4[c]	+ 0.1	83[c]	27	40[c]	17	39[c]	4.86	−2.00	1.55	0	13	6[d]	14	7[d]	s.	J. M. Ricketts
El Dorado	Union	265	18	72.8	+ 1.9	90	6	55	17	29	7.44	+2.27	2.60	0	10	7	13	11	n.	Mrs. Virgil N. Walls.
England ‡‡	Lonoke	229	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	67.7	+ 0.8	87	21	47	17	33	3.94	−2.10	1.76	0	13	6	18	7	sw.	George W. Nicholds.
Fayetteville	Washington	1451	36	67.1	+ 0.5	84	27	48	14	33	2.89	−2.66	0.55	0	10	14	9	8	ne.	University of Arkansa
Fort Smith	Sebastian	481	40	71.4	+ 1.7	89	6	53	17	30	2.86	−2.05	0.74	0	17	8	8	15	e.	U. S. Weather Bureau
Fulton ‡‡	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	6.13	+1.44	1.37	0	8	9	9	13	s.	T. J Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	6.94	.....	2.25	0	10	18	4	9	w.	Cleve Bell
Grannis	Polk	921	4	69.7	.....	90	27	48	17	33	5.33	.....	1.68	0	15	13	10	8	sw.	W. E. Mc Vay.
Gravette	Benton	1250	24	66.2	+ 0.6	85	21	42	13	37	3.52	−2.37	0.91	0	11	9	5	17	sw.	A. F. Stevens.
Hardy	Sharp	643	25	70.1	+ 2.8	89	26	43	19	41	4.64	−0.31	1.70	0	7	12	12	7	sw.	Mrs. D. S Madden.
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	6.12	+0.20	1.91	0	11	15	6	10	.....	James A. Burnett.
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	4.19	.....	1.20	0	10	15	13	3	sw.	Arthur Cross.
Hope	Hempstead	377	50	74.2	+ 3.0	95	26	52	1†	32	5.58	+0.22	1.36	0	7	16	7	8	se.	N. P. O' Neal.
Hot Springs	Garland	600	29	71.2	+ 1.6	88	6	45	1	35	7.41	+1.40	3.15	0	10	2	7	22	s.	L. M. MacRae.
Huttig	Union	.....	29	74.8	+ 3.2	94	28	56	17	29	12.69	+6.91	2.10	0	10	9	16	6	se.	J. L. Collett.
Jonesboro	Craighead	345	15	74.8	+ 5.0	92	11	51	1	32	2.25	-1.65	0.56	0	10	11	16	4	s.	Benedictine Sisters.
Junction ‡‡	Union	182	27	75.0	+ 5.0	92	11	51	1	32	2.25	-1.65	0.56	0	10	11	16	4	s.	Benedictine Sisters.
Little Rock	Pulaski	286	29	74.1	+ 2.5	92	6†	55	1†	35	7.59	+2.96	2.73	0	6	15	7	9	w.	J. A. Lowderback.
Lutherville ‡‡	Johnson	775	43	71.5	+ 1.1	87	10	55	19	28	4.74	−0.36	1.29	0	10	10	15	6	s.	U. S. Weather Bureau
			25	69.7	+ 2.0	85	10	51	4†	30	4.60	−0.69	2.10	0	10	9	14	8	e.	H. Kauffeld.
Magnolia ‡‡	Columbia	315	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Agriculture Sch
Malvern	Hot Springs	277	39	74.2	+ 4.8	91	10	52	19	33	4.24	−0.54	1.10	0	11	12	7	12	s	Clark Houston.
Mammoth Spring	Fulton	512	17	68.4	+ 2.7	88	27	44	19	35	1.89	−2.27	0.51	0	6	14	13	4	s.	W. S. Vincent.
Marianna ‡‡	Lee	235	13	70.2	− 0.6	84	26†	51	1	25	5.14	.....	0.97	0	13	10	13	8	se.	C. F. Houck.
Marked Tree	Poinsett	229	17	72.2	.....	90	10	51	18	29	4.58	+0.16	1.55	0	10	13	12	6	sw.	Charles Walton.
Marshall	Searcy	1083	7	69.4	.....	85	11†	50	16	30	5.06	...	1.20	0	14	3	25	3	sw.	W. F. Reeves.
Mena	Polk	1208	34	70.4	+ 1.1	89	27	50	17†	35	7.65	+0.78	1.68	0	16	6	16	9	s.	E. W. St. John.
Morrillton	Conway	347	2	71.2	.....	90	26	50	4	32	2.83	.....	0.90	0	8	2	23	6	se.	J. W. Jackson.
Mountain Home	Baxter	800	8	68.6	.....	88	26	45	17	35	2.72	.....	0.60	0	11	12	10	9	s.	B. S. Halbert.
Mount Ida	Montgomery	730	24	70.2	.....	89	6†	45	19	42	7.82	+1.61	2.38	0	13	9	6	16	w.	G. A. Whittington.
Murfreesboro	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nail	Newton	2233	29	65.8[b]	+ 1.3	83[b]	27	41[b]	1	34[b]	5.27	.....	1.78	0	7	6	6	19	e.	Henry A. Davis.
Newport	Jackson	231	38	72.2	+ 2.1	91	26	53	19	32	5.73	−0.81	1.15	0	14	7[b]	16[b]	6[b]	s.	Charles Paxton.
Okay ‡‡	Polk	1700	7	.....	.....	.....	.....	.....	.....	.....	3.44	+0.57	1.45	0	9	6	23	2	nw.	George L. Robinson
Osceola ‡‡	Mississippi	240	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service
Ozark	Franklin	377	26	71.2	+ 1.1	88	13	40	4	43	5.75	+1.16	2.55	0	10	9	7	15	s.	Atwood P. Smith.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	3.78	−2.39	1.11	0	8	14	8	9	sw.	Isham Burrow.
Pine Bluff	Jefferson	215	38	72.8	+ 1.5	90	26	52	1	31	3.66	.....	0.94	0	11	19	0	12	.....	W. E. Baker.
Pocahontas	Randolph	300	30	70.8	+ 1.7	88	10†	49	1	34	7.35	+2.60	1.37	0	14	21	0	10	sw.	Roy F. Hammond.
Portland	Ashley	122	16	73.5	+ 2.6	91	11	55	1	30	2.55	−2.15	0.50	0	10	12	9	10	s.	Benedictine Sisters.
Prescott	Nevada	327	40	72.8	+ 1.9	89	6†	54	1†	30	10.54	+4.61	3.60	0	11	11	16	4	s.	W. E. Edmiston.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	5.28	+0.07	1.68	0	11	18	8	5	s.	O. J. Stephenson.
Rison	Cleveland	243	18	72.2[a]	+ 1.5	92[a]	26	53[a]	1†	34[a]	5.90	+ .4	2.50	0	6	23	0	8	nw.	Foote Coleman.
Rogers	Benton	1385	31	67.2	+ 1.1	86	27	46	19	36	4.61	+0.98	1.25	0	8	5[a]	18[a]	7[a]	sw.	Geo. H. Tisdale.
Searcy	White	236	9	70.9	.....	88	10†	50	19	33	2.17	−3.11	0.58	0	8	8	9	14	s.	Carl A. Starck.
Springbank ‡‡	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	5.03	.....	1.45	0	11	17	4	10	sw.	Miss Sarah Cypert.
Stuttgart	Arkansas	228	34	71.2	+ 1.4	88	26	52	19	32	3.83	-0.69	2.10	0	5	9	10	12	.....	Miss Grace Field.
Subiaco	Logan	1050	25	71.5	+ 1.7	89	26†	53	4†	30	4.78	−0.03	0.98	0	10	10	17	4	sw.	H. A. Buerkle.
Texarkana	Miller	332	40	77.0	+ 5.5	100	11	56	17	34	4.93	−1.14	0.67	0	15	9	18	4	sw.	New Subiaco Abbey
Umphers	Yell	2000	5	68.4[j]	.....	88[j]	6	50[j]	5	35[j]	4.03	−0.16	1.18	0	11	12	8	11	s.	H. S. Brashear.
Waldron	Scott	675	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	.....	9[j]	8[j]	4[j]	s.	U. S. Forest Service
Warren	Bradley	206	17	.....	.....	.....	.....	.....	.....	.....	6.62	.....	2.99	0	16	5	8	18	sw.	Dr. Cheves. Bevil
Whitecliffs ‡‡	Little River	.....	3	72.5	+ 1.5	88	6	55	1	29	6.66	+1.97	2.03	0	9	13	13	5	n.	Mrs. J. L Clegg.
Wynne	Cross	250	17	.....	.....	.....	.....	.....	.....	.....	4.60	−1.09	1.35	0	6	9	9	13	sw.	Miss Eulola M. Sch
			14	72.4	+ 3.8	90	26†	52	1	30	4.82	+1.12	1.40	0	11	21	1	9	sw.	J. M. Larkan.
State Means and Extremes				70.8	+ 1.6	100	11	40	1†	43	5.00	−0.12	3.75	0	11	12	10	9	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in de mining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], app ing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- J ion, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for May, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	.23	.63	.31	....	....	.20	....	.27	....	....	1.05	....	....	T.	.15	....	T.	....	....	.71	1.08	....	....	....	....	.77	T.	....	....	.36	5.76
Arkadelphia	.....do	....	.60	.15	.60	.20	....	....	....	....	....	....	.20	.15	....	....	....	....	....	....	....	3.75	.50	1.55	....	....	....	....	.20	....	....	....	7.90
Arkansas City	Mississippi	....	.27	2.80	.50	.27	....	....	.01	....	....	....	....	1.15	1.07	....	....	.05	.47	....	....	1.07	....	.56	1.05	....	.43	....	....	.63	....	....	10.33
Batesville	White	....	.04	.35	.32	T.	....	1.25	....	....	....	....	T.	....	.98	....	.04	.06	....	....	....	....	1.03	.16	T.	.04	....	....	.67	....	....	....	4.94
Bee Branch	Arkansas	....	.30	....	.30	....	.20	.40	....	.23	....	....	.15	....	.35	T.	T.	....	....	....	.15	....	1.00	....	....	....	.10	....	....	....	....	....	3.18
Bentonville ***	.....do	T.	.02	.06	.01	T.	....	....	.39	....	.12	T.	....	T.	....	T.	.05	....	....	....	.28	.37	.19	.58	T.	....	.09	....	....	....	1.57	.59	4.32
Black Rock	White	....	....	.26	.33	.23	....	.35	....	.01	.04	....	T.	T.	.05	....	T.	.32	....	....	....	....	.38	.31	....	.12	.51	.32	....	....	....	....	3.23
Booneville	Arkansas	.26	....	1.51	.06	....	.05	.73	.25	....	....	....	....	.03	....	....	....	....	.02	....	.26	T.	.82	.45	.01	....	....	.46	T.	.05	....	.15	5.11
Brinkley	White	....	T.	1.30	.31	....	....	1.18	....	....	....	....	.95	.08	T.	....	....	.26	....	....	....	.06	....	1.00	....	.58	.18	....	....	.08	....	....	5.98
Calico Rock	.....do	....	.13	....	.50	....	....	.64	....	....	.14	....	....	....	.28	T.	T.	....	....	....	....	....	.25	T.	T.	....	.06	.45	....	....	....	.39	2.84
Camden	Ouachita	....	1.12	.41	....	.12	....	....	....	....	....	....	.43	....	....	....	....	.11	....	.01	....	2.47	.18	1.09	....	....	....	.13	.01	.01	....	....	6.09
Clarendon	White	....	.10	1.13	.54	....	....	.12	....	....	....	....	.01	.10	.12	....	....	.30	....	....	....	.13	.04	1.85	.38	.39	.05	....	.10	T.	....	....	5.36
Clinton	.....do	....	.26	....	.27	....	.10	1.60	....	.05	....	....	1.40	.30	....	....	....	....	....	....	....	....	1.35	....	....	.26	....	.32	....	....	....	....	5.91
Conway	Arkansas	....	.59	.65	....	....	.31	....	....	....	....	....	1.07	.08	....	....	.07	....	....	....	.10	.09	.31	....	.06	....	....	.07	....	....	....	....	3.40
Corning	White	....	.24	....	.21	....	.12	....	....	.01	.03	....	....	.13	....	....	.06	....	....	....	....	....	.27	....	....	.33	.11	.03	....	....	....	....	1.54
Dam No. 1	.....do	....	.28	....	.17	....	.58	....	....	....	....	....	.61	....	....	....	....	.15	....	....	....	1.54	.20	....	.03	....	....	....	....	....	....	....	3.56
Danville	Arkansas	....	.10	.08	1.40	.08	....	.52	....	T.	....	....	1	....	.30	....	....	.08	....	T.	....	.12	1.08	T.	.21	T.	....	.10	T.	T.	....	....	4.07
Dardanelle	.....do	....	.15	....	.36	....	....	.38	....	.33	....	....	....	....	.68	....	....	....	....	....	....	.15	.67	....	....	....	....	....	....	....	....	....	2.72
Dodd City	White	....	....	.75	....	....	.50	....	....	....	.10	....	....	.12	....	.50	....	....	....	....	....	....	.90	....	.36	.20	....	.38	....	.02	....	....	3.83
Dumas	Arkansas	.35	1.58	.40	.60	....	....	1.23	....	T.	....	....	.25	1.20	.01	....	.88	....	.03	....	.38	.02	.70	.25	.25	.10	....	.05	.63	T.	T.	....	8.94
Dutton	White	T	....	.76	.06	....	.20	.15	....	.04	.16	....	....	.04	....	.18	T.	....	....	.44	....	....	1.08	1.55	.10	....	....	.10	....	....	....	T.	4.86
El Dorado	Ouachita	T.	1.32	.40	1.54	....	....	....	....	....	....	....	.50	....	....	T.	.35	....	T.	....	2.60	....	.30	.15	....	....	.08	....	.20	....	....	....	7.44
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	....	T.	....	....	....	....	....	.13	....	....	....	....	.29	T.	.16	.13	....	....	....	.10	....	.63	1.76	.31	T.	....	.22	....	....	....	.21	3.94
Fayetteville	.....do	....	....	....	.18	....	....	....	....	....	....	T.	....	.32	....	....	.08	.24	....	....	.52	.28	.55	.05	T.	....	....	.27	....	....	....	.40	2.89
Fort Smith ***	Arkansas	T.	.06	.37	.01	....	.73	.01	T.	T.	.57	T.	....	....	....	T.	.05	.06	T.	....	.27	.07	.29	.04	....	....	.02	.14	.15	....	.01	.01	2.86
Fulton	Red	....	....	.79	....	....	T.	....	T.	....	T.	....	1.30	....	....	....	....	.19	....	....	....	.79	.67	.87	....	....	....	....	1.37	.15	....	....	6.13
Georgetown	White	....	T.	.33	.78	.01	....	.74	....	....	....	....	.51	.90	....	....	....	.23	....	....	....	....	32	2.25	....	....	....	.87	....	....	....	....	6.94
Gillett	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grannis	Red	.02	.24	....	.23	....	....	.25	....	1.46	....	.02	.13	....	....	.04	.03	....	.05	....	.99	....	1.68	.03	.02	....	T.	T.	.09	.05	T.	....	5.33
Gravette	White	T.	.11	.21	T.	....	....	....	.84	....	.10	....	....	....	....	T.	.04	....	.06	....	.50	.03	.91	.29	T.	....	....	T.	....	....	T.	.43	3.52
Hardy	.....do	....	.10	....	1.00	....	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.89	....	....	.40	.10	1.70	....	....	....	....	4.64
Harrison	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	....	.04	1.84	.20	....	....	.60	....	....	....	....	....	.76	.12	....	....	.30	....	....	....	.20	....	.22	1.94	....	....	....	.20	....	....	....	6.42
Higden	White	.24	....	.16	....	....	.47	.86	.04	.05	....	....	.92	.12	....	....	....	....	....	....	.13	....	1.20	....	....	....	....	....	....	....	....	....	4.19
Hope	Red	....	.87	....	.19	....	....	.10	....	....	....	....	1.02	....	....	....	....	....	....	....	1.04	....	....	1.36	....	....	....	....	1.00	....	....	T.	5.58
Hot Springs	Ouachita	....	.84	....	.98	....	....	....	....	....	....	....	1.29	....	.05	....	.11	.09	....	....	.58	.27	3.15	....	.05	....	....	....	....	....	....	....	7.41
Huttig	.....do	....	1.65	2.10	1.60	....	.89	....	....	....	....	....	1.05	....	....	....	....	....	....	....	1.10	1.20	1.00	....	....	.30	....	....	1.80	....	....	....	12.69
Jonesboro	White	....	35	....	.56	....	.37	.06	....	....	T.	....	....	....	.19	....	.05	....	....	....	....	....	.52	.06	....	.06	.03	....	....	....	....	....	2.25
Junction	Ouachita	....	2.04	1.10	.60	....	....	.31	....	....	....	....	....	....	....	T.	....	....	....	....	2.73	....	.81	....	T.	....	....	....	T.	....	....	....	7.59
Little Rock ***	Arkansas	....	.43	.54	T.	....	T.	.13	T.	T.	....	....	.27	.23	....	T.	.06	.07	T	....	1.29	....	1.21	....	....	....	....	.51	....	....	T.	....	4.74
Lutherville	.....do	....	.06	.26	....	....	....	1.19	....	.17	.20	....	....	....	....	....	....	....	....	....	.15	....	.33	2.10	.09	....	....	.05	....	....	....	....	4.60
Magnolia	Red	....	1.50	....	.05	....	....	....	....	....	....	....	....	.12	....	....	....	....	1.35	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....
Malvern	Ouachita	....	....	.32	.43	.50	.02	....	....	....	....	.63	....	....	.36	....	....	.07	....	....	....	1.10	.56	.15	....	T.	....	.10	....	....	....	....	4.24
Mammoth Spring	White	....	.17	....	.51	....	.37	....	....	T.	....	....	....	....	....	....	T.	..	....	....	....	.44	..	.19	T.	T.	....	.21	....	....	....	T.	1.89
Marianna	Mississippi	....	.88	....	.14	....	.97	....	....	....	....	....	.30	....	.08	....	....	.68	....	....	.07	.09	.59	.49	....	.45	....	.36	....	.04	....	....	5.14
Marked Tree	St. Francis	....	1.11	....	....	.08	....	.76	....	....	....	....	.04	.40	....	....	....	.10	....	....	....	....	....	1.55	.03	.45	.06	....	....	....	....	....	4.58
Marshall	White	....	.07	.08	.05	....	.68	.52	....	.18	....	....	.06	.92	....	T.	.18	....	....	....	.02	T.	1.20	.12	.26	....	....	.72	....	....	....	T.	5.06
Mena	Ouachita	....	.10	.22	.53	....	....	.12	....	.97	....	....	.01	....	....	....	.02	.41	....	....	....	1.20	.87	.24	.32	.04	....	.01	.91	1.68	....	....	7.65
Morrilton	Arkansas	....	.36	....	.90	....	....	.12	....	....	....	....	.45	.04	....	....	....	....	....	....	.36	....	.46	....	.14	....	....	....	....	....	....	....	2.83
Mountain Home	White	....	.05	.54	.12	....	60	....	....	.05	....	....	....	.06	....	T.	.05	....	....	....	....	....	.40	T.	.21	.11	.53	T.	....	....	....	....	2.72
Mount Ida	Ouachita	....	.19	.84	....	....	....	....	....	1.10	..	..	....	.17	....	....	.11	....	....	....	.92	.40	2.38	.47	.05	....	....	.56	.23	....	....	.40	7.82
Murfreesboro	.....do	....	.48	....	....	.34	....	.11	....	....	....	1.11	...	....	....	....	....	....	....	....	....	....	1.78	.47	....	....	....	....	.98	....	....	....	5.27
Nail	White	....	.25	.50	....	....	1.15	....	T.	T.	....	....	....	.33	....	.34	.15	....	....	....	.40	.17	.20	.30	.40	.07	....	.60	....	....	....	.87	5.73
Newport	.....do	....	....	.24	.04	.06	....	1.45	....	....	....	....	....	....	.19	....	....	....	....	....	....	....	.32	.85	....	.25	.04	....	....	....	....	....	3.44
Okay	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Osceola	Mississippi	....	....	1.60	.10	.10	....	.10	..	....	....	....	....	.30	.40	....	....	....	....	....	....	....	.10	2.55	.20	....	.30	....	....	....	....	....	5.75
Ozark	.....do	....	.38	.46	....	....	.41	.47	....	....	....	.46	....	....	....	....	....	....	T.	.23	....	....	26	1.11	....	....	....	....	....	....	....	....	3.78
Patterson	White	....	....	.36	.22	....	....	.74	....	....	.08	....	.56	....	.15	....	....	.17	....	....	....	....	68	.18	....	....	.12	.20	....	....	....	....	....	3.66
Pine Bluff	Arkansas	....	.21	.76	.72	.08	....	....	....	....	....	....	.25	.31	.80	....	....	.37	....	....	....	1.37	.44	1.20	.22	....	....	.54	.08	....	....	....	7.35
Pocahontas	White	....	.20	....	.30	....	.45	....	....	.05	....	....	....	.10	....	....	.10	....	....	....	....	....	.20	....	.20	.45	.50	....	....	....	....	....	2.55
Portland	Ouachita	....	.80	1.25	2.35	.71	....	....	....	....	....	....	....	.13	....	....	....	.49	....	.04	....	2.90	.17	.66	.62	....	....	....	.42	....	....	....	10.54
Prescott	.....do	....	.98	....	....	.27	....	.10	....	T.	T.	....	.28	....	T.	....	T.	.06	T.	....	....	1.00	.80	1.68	....	....	....	T.	.07	.02	....	.02	5.28
Princeton	Ouachita	....	.50	1.40	....	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	.60	.20	2.50	....	....	....	....	....	....	....	....	....	5.90
Rison	.....do	....	1.25	....	.71	....	....	....	....	....	....	....	....	....	....	....	....	.38	....	....	.48	.15	.79	....	.44	....	....	.44	....	....	....	....	4.64
Rogers	Arkansas	....	....	.02	....	....	....	....	....	....	....	T.	....	.24	....	....	....	....	....	....	.20	....	.58	.05	.31	....	....	.41	....	....	....	.36	2.17
Searcy	White	....	.27	....	.24	....	.76	.02	....	....	....	....	1.29	....	....	.09	....	.12	....	....	.02	.05	1.45	....	....	....	....	.72	....	T.	....	....	5.03
Springbank	Red	....	2.10	T.	....	....	....	....	....	....	T.	....	T.	....	....	....	T.	T.	....	....	T.	1.15	.10	.15	....	....	....	....	.33	....	....	....	3.83
Stuttgart	Arkansas	....	.98	....	.39	....	....	....	....	....	....	....	.45	....	.61	....	....	....	....	....	.32	....	.78	.41	....	.54	....	.30	....	....	....	....	4.78
Subiaco	.....do	....	.23	.55	.03	....	.55	.38	....	.04	.07	....	....	.13	....	....	....	....	....	....	.34	....	.67	.59	.07	....	....	.58	.30	.40	....	....	4.93
Texarkana	Red	....	.75	....	....	....	....	.08	....	.12	....	.27	....	.10	....	.05	.15	....	....	....	....	.90	1.18	.33	....	....	....	.10	....	....	....	....	4.03
Umpiers	Arkansas	....	.31	.46	.36	....	....	.05	....	.56	T.	....	T.	.49	....	T.	....	....	....	....	....	....	.49	.70	....	....	....	....	....	....	....	....	....
Waldron	.....do	....	.34	.54	.04	....	T.	1.38	T.	.54	....	T.	.04	.13	....	T.	....	....	.03	....	.77	....	1.70	.29	....	....	.03	.23	.07	.08	T.	.41	6.62
Warren	Ouachita	1.30	T.	.85	....	....	....	....	....	....	....	....	.55	....	.23	....	....	.37	T.	....	.83	T.	....	1.48	.55	....	....	T.	.50	T.	....	....	6.66
Whitecliffs	Red	....	.40	....	T.	....	....	.40	....	1.25	....	....	T.	....	....	....	....	....	....	....	....	....	1.35	.60	T.	....	....	....	T.	.60	....	....	4.60
Wynne	St. Francis	....	....	1.40	.20	T.	....	1.10	....	....	....	....	....	.10	.45	....	....	.25	....	....	....	....	T.	.80	.10	.05	.25	....	.12	....	....	....	4.82

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch

Daily River Stages for May, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.9	12.9	11.5	12.9	14.5	14.6	14.6	14.9	14.6	16.0	17.0	17.8	17.4	15.4	13.2	11.6	10.5	9.7	9.3	8.8	9.5	10.5	12.7	18.1	18.3	16.7	17.4	16.8	15.7	12.8	10.3
Dardanelle	.....do	20	15.3	13.6	11.9	10.9	11.5	12.9	13.7	14.0	13.7	13 2	14.2	15.4	15.8	15.4	13.9	12.0	10.5	9.5	8.9	8.3	7.8	8.9	8 5	11.0	15.7	16.1	14.6	15.5	15.1	13.4	11.5
Little Rock	.....do	23	17.8	16.8	14.6	13.0	12.2	12 6	14.1	14.8	15.0	14.5	14.0	14.8	16.0	16.5	16.0	14.5	12.5	11.1	10.0	9.1	8 4	8.0	7.8	8.3	11 2	15.7	16.6	15.5	15.8	15.2	14.4
Pine Bluff	.....do	25	19.9	20.3	19.7	18.1	17.0	16.2	16.7	17.6	18.2	18.4	17.9	17.7	18.5	19.5	19.6	19.1	17.7	16.0	14.7	13.9	13.2	12.5	12.4	12.2	12.8	16.3	18.8	19.1	18.6	18 8	18.4
Black Rock	Black	14	15.7	15.7	15.5	15.4	15.2	15.0	14.8	14.6	13.9	13.4	12.7	12.1	11.5	11.0	10.0	9.2	8.7	8.2	7.6	7.1	6.7	6.4	6.4	6.4	6.4	6.6	6.5	6.4	6.3	6.2	5.7
Calico Rock	White	18	9.3	8.0	7.2	7 4	6.7	6.1	8.1	7.4	6 7	5.9	5.2	4.8	4.0	4.1	4.0	3.8	3.9	3.1	3.0	2.5	2.3	2 2	2.3	2.0	4.6	3.1	3.8	4.3	4.6	3.9	3.6
Batesville	.....do	23	16.4	15.8	14.5	13.3	13.2	12.8	14.4	14.5	13.7	12.8	11.8	11.1	10.7	10.7	10.2	9.9	9.7	8 9	9.1	8.8	8.4	8.4	8.2	7.9	8.0	9.7	8.9	9 8	10.0	10.2	9.6
Newport	.....do	26	20.5	20.6	20.4	19.8	19.7	19.3	19.4	19.6	19.0	18.7	18.4	18.2	17.3	15.9	13.8	13.1	12.8	11.5	10.7	10.5	10.1	9.3	9.0	8.6	8.4	8.5	8.5	8.3	8.0	7.8	7.6
Georgetown	.....do	22	21.0	20.9	20.9	21.0	21.0	20.9	20.9	20.9	21.0	21.0	20.9	20.8	20.6	20.4	20.2	19.9	19.6	19.3	18.6	17.7	16.7	15.7	14.9	14.6	13.3	12.8	12.4	11.9	11.8	11.8	11.6
Clarendon	.....do	30	29.4	29.2	29.2	29.2	29 2	29.1	29.0	29.0	28.9	28.7	28.6	28.4	28.2	28.0	27.9	27.7	27.4	27.2	26.9	26.5	26.1	25 7	25.3	24.9	24.3	23.8	23.2	22.6	22.1	21.6	21.1
Helena	Mississippi	42	53.0	53.0	53.1	53.0	52.9	52.7	52 4	52.0	51.6	51.0	50.3	49.5	48.6	47.5	46.3	45.0	43.8	42.3	40.7	38.6	36.2	33.9	31.9	30.0	28.5	27.2	26.1	25.2	24.4	24.4	25.1
Arkansas City	.....do	42	57.6	57.6	57.7	57.7	57.7	57.6	57.5	57.4	57 2	56.9	56.7	56.4	56.1	55.7	55.2	54.7	54.1	53.3	52.5	51.6	50.6	49.4	48 1	46.7	44.9	43.1	41.7	39 9	38.6	37.5	36.8
Camden	Ouachita	49	31.9	32.4	31.7	30.9	29.9	29.1	28.5	27.7	25.9	23.0	20.0	18.1	17.2	16.3	15.8	14.2	13.0	11.4	10.1	9.8	10.1	14.0	16.9	22.3	26.0	27.4	28.0	26.3	23.0	19.7	18.1
Danville	Petit Jean	20	10.2	7.4	7.1	14.3	21.0	20.5	17.8	20.2	20.6	18 3	14.7	10.4	7.3	5.7	4.3	4.2	3.9	3.8	3 7	3.6	3.9	4.8	5.6	6.0	5.2	4.7	4.2	4.5	6.2	5.7	5.1
Fulton	Red	28	28.2	28 4	27.7	26.9	25.5	23.7	22.0	20.7	21.7	24.2	25.2	26.4	27.0	27.8	28.3	28.4	27.5	25.6	23.4	21.4	19.8	18.4	17.4	16.9	17.0	16.6	15.5	14.5	14.7	15.9	16.0
Arkadelphia	Ouachita	18	4.9	4.0	4.3	4.5	6.1	6.0	4.9	4.1	3.4	3.1	3.2	3.6	4.2	3.3	3.0	2.7	2.3	1.8	1.6	1.5	2.9	3.4	9.5	9.7	9.5	5.8	4.5	3.7	3 6	3.8	3.4
Patterson	Cache	9	7.8	7.7	7.7	7.5	7.5	7.4	7.4	7.3	7.5	7.7	8.0	8.2	8.3	8.3	8.2	8 0	7.9	7.7	7.5	7.3	7.0	6.8	6.5	6.3	6.1	6.0	5.9	5.8	5.7	5.6	5.3

Daily Temperatures for May, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	70	80	82	87	86	84	82	82	87	86	90	87	82	69	78	80	75	85	85	86	83	84	81	86	87	89	87	83	86	86	95	83.5
	Minimum	50	55	57	55	52	54	64	66	66	67	65	62	57	56	56	48	50	54	48	54	54	62	64	64	61	60	64	64	66	66	59	58.7
Batesville §§	Maximum	68	68	75	80	85	79	80	83	83	85	85	84	83	78	73	76	78	76	82	82	85	81	79	82	84	87	89	84	82	82	86	80.8
	Minimum	45	45	52	53	49	52	60	61	65	70	65	68	53	56	50	56	53	54	46	52	55	65	63	64	61	60	63	65	60	60	58	57.4
Bee Branch	Maximum	74	66	79	77	86	88	81	85	86	88	90	86	87	84	79	80	82	81	85	89	89	85	84	84	86	91	91	85	86	85	87	84.1
	Minimum	50	53	55	50	49	57	61	63	64	66	64	64	57	52	50	51	48	53	48	53	59	61	60	60	60	58	65	64	62	61	56	57.2
Bentonville	Maximum	67	69	76	78	84	80	76	78	79	84	79	80	79	76	68	71	77	73	81	81	85	79	77	75	79	85	85	80	81	78	78	78.1
	Minimum	56	56	55	50	52	62	60	60	65	63	70	57	53	49	51	55	54	59	48	58	59	60	63	62	62	61	64	62	59	58	57	58.1
Booneville	Maximum	67	85	86	82	84	88	74	76	77	82	88	89	85	82	74	73	82	78	85	85	86	80	83	81	84	89	89	82	80	78	77	81.6
	Minimum	56	55	58	55	65	61	64	65	65	70	69	70	59	57	59	55	53	60	56	59	64	62	64	65	61	64	63	67	66	66	64	61.8
Brinkley	Maximum	69	67	79	77	87	84	86	88	82	87	90	86	86	79	74	81	79	79	85	84	87	85	80	86	85	89	92	84	84	85	85	82.9
	Minimum	53	58	59	57	54	63	65	67	67	70	65	67	60	59	57	54	56	60	53	57	63	64	63	64	64	65	68	66	62	64	59	61.4
Calico Rock §§	Maximum	75	69	80	81	88	76	...	87	85	89	85	80	86	77	73	75	81	78	84	83	89	84	81	86	85	90	89	84	85	87	87	82.6
	Minimum	45	45	56	58	51	52	53	....	64	66	64	61	64	56	50	54	50	50	46	50	51	64	66	65	65	61	61	63	60	62	59	57.1
Camden §§	Maximum	73	72	81	82	86	88	87	85	86	86	88	85	85	82	72	80	78	83	87	78	86	85	82	85	86	89	89	86	78	82	85	83.1
	Minimum	52	57	58	60	57	63	69	64	68	71	67	70	61	60	60	53	55	57	55	59	62	65	63	62	63	62	68	68	64	66	61	61.9
Conway	Maximum	71	67	77	78	85	76	82	84	84	86	87	86	81	80	72	78	79	78	85	80	83	81	81	83	85	89	88	86	81	83	86	81.5
	Minimum	55	57	57	57	55	63	64	66	68	70	65	66	60	56	57	54	55	59	51	57	65	66	65	67	65	62	72	68	67	64	60	61.7
Corning	Maximum	63	63	74	70	75	75	75	78	87	87	88	88	82	80	76	77	76	77	81	83	87	80	78	86	83	86	88	84	84	85	84	80.0
	Minimum	50	55	59	57	53	62	58	64	63	68	62	70	53	52	49	57	54	58	47	52	58	66	61	64	64	63	65	63	57	60	58	58.8
Dardanelle	Maximum	72	70	66	76	82	84	82	78	85	85	88	89	89	82	83	79	76	82	84	88	84	85	84	84	89	89	81	84	84	86	81	82.2
	Minimum	40	54	56	53	56	63	65	67	66	68	69	68	61	57	56	52	52	52	53	58	57	64	65	65	64	64	63	67	67	67	64	60.4
Dodd City	Maximum	70	68	76	76	85	82	78	81	82	86	83	83	80	75	77	67	76	75	81	84	90	80	78	77	79	85	83	78	78	78	76	79.0
	Minimum	51	52	51	50	50	57	54	62	64	66	61	64	50	48	48	54	45	53	46	51	57	52	62	62	60	60	64	62	57	52	54	55.6
Dumas	Maximum	65	70	74	78	84	85	84	86	87	84	80	84	86	85	75	78	76	72	82	79	83	75	75	81	84	84	84	85	73	82	80	80.2
	Minimum	54	59	59	53	57	68	68	64	69	70	65	70	62	61	59	60	66	59	52	59	63	68	62	63	65	64	70	68	62	62	60	62.6
Dutton	Maximum	69	63	75	78	80	77	71	76	74	80	78	71	78	...	67	68	77	79	77	....	....	76	68	72	65	80	83	82	80	....	....	71.8
	Minimum	53	55	49	45	44	56	56	64	63	61	66	57	46	....	45	47	40	40	49	....	....	59	58	58	52	53	62	58	56	60	58	53.9
El Dorado	Maximum	74	76	80	84	88	90	87	88	88	84	81	80	81	81	76	80	72	82	88	85	79	79	75	78	82	88	82	82	74	76	85	81.4
	Minimum	56	59	62	62	62	68	72	65	69	70	67	70	65	62	62	58	55	60	59	63	65	71	64	63	66	65	70	68	63	64	62	63.1
Eureka Springs	Maximum	71	70	80	79	84	81	77	79	80	84	79	83	81	79	71	71	76	74	81	84	87	80	78	73	79	84	82	83	83	79	71	78.8
	Minimum	53	53	53	51	51	60	58	59	64	62	65	58	53	49	50	52	47	55	49	55	57	69	59	61	60	62	63	60	58	56	57	56.6
Fayetteville	Maximum	69	71	75	76	83	81	78	76	77	80	79	80	79	75	66	69	74	73	78	79	83	78	76	75	77	81	84	82	83	78	74	77.1
	Minimum	54	55	53	51	50	65	60	58	64	61	61	68	59	52	48	50	52	49	57	56	54	60	59	61	57	59	58	64	61	69	58	62.5
Fort Smith	Maximum	71	68	78	80	86	89	74	80	82	85	83	85	83	80	66	72	79	75	84	78	85	79	81	78	83	88	88	85	82	79	75	80.9
	Minimum	58	58	58	56	57	66	66	67	66	64	73	65	62	57	61	56	53	62	54	62	65	64	65	65	63	65	69	69	67	67	65	62.8
Grannis	Maximum	66	65	79	82	85	86	79	80	81	83	83	87	85	79	79	75	77	78	84	71	81	81	81	79	84	84	90	85	82	80	82	80.5
	Minimum	54	55	56	55	55	63	63	65	61	67	67	61	59	55	56	52	48	55	51	58	54	58	63	61	60	61	62	63	65	61	58.9
Gravette	Maximum	66	69	70	78	84	80	76	76	80	83	80	78	76	74	68	71	77	72	80	81	85	78	77	74	79	84	85	81	81	80	74	77.3
	Minimum	53	52	51	47	56	64	55	59	65	63	52	50	42	43	49	53	44	58	43	55	58	60	59	67	56	61	60	59	54	55	55	55.1
Hardy	Maximum	71	68	76	83	87	84	82	85	85	87	87	83	84	79	78	77	81	79	84	85	87	80	81	82	86	89	88	81	82	83	86	82.3
	Minimum	48	54	58	56	48	60	56	63	65	67	61	66	51	51	49	55	57	53	43	50	55	63	62	61	60	60	63	73	58	68	57	57.9
Hope	Maximum	72	71	85	83	90	91	85	93	91	89	91	91	92	85	72	84	86	80	83	90	86	85	86	89	93	94	89	82	81	81	86.1
	Minimum	52	58	61	60	61	68	66	65	65	63	65	65	62	60	56	52	55	56	57	59	67	69	65	65	65	68	67	66	67	67	62	62.4
Hot Springs	Maximum	74	68	80	77	87	88	83	83	84	86	87	87	85	86	83	78	77	76	82	82	84	83	84	83	85	88	86	86	85	84	84	82.7
	Minimum	45	56	56	55	54	64	62	64	65	68	65	65	58	55	56	51	52	61	50	55	63	62	62	65	63	65	67	66	65	67	66	59.9
Huttig	Maximum	73	79	80	81	89	91	92	89	89	89	90	90	86	83	80	81	80	80	86	86	88	86	85	87	92	92	94	72	83	85	85.7
	Minimum	57	60	63	66	66	67	72	65	69	70	65	67	65	64	62	61	56	58	59	63	64	70	63	63	66	63	70	67	63	62	63	63.8
Jonesboro	Maximum	71	66	77	79	85	79	83	88	89	91	92	85	86	81	75	81	79	79	82	81	88	83	83	82	89	90	85	88	85	84	87	83.4
	Minimum	51	57	61	58	55	63	63	65	65	70	64	64	59	56	54	58	48	50	52	53	56	60	64	64	67	66	67	66	60	62	61	60.9
Junction	Maximum	74	77	84	86	90	92	88	90	89	91	92	92	91	83	73	82	81	90	92	82	89	82	84	86	87	90	91	86	78	79	81	85.2
	Minimum	55	60	61	62	62	64	65	66	65	69	67	68	66	64	59	59	57	55	59	65	64	62	63	65	64	66	65	61	60	58	59	62.2
Little Rock	Maximum	68	66	75	76	84	80	83	85	84	87	86	84	84	78	70	75	77	74	83	76	81	83	81	81	83	87	84	87	78	82	84	80.1
	Minimum	57	57	58	58	59	66	67	67	70	71	67	68	62	57	60	57	56	60	53	61	65	65	63	63	65	67	68	67	65	64	62	62.3
Lutherville	Maximum	68	65	76	77	84	77	74	81	82	85	85	85	81	80	78	70	77	77	83	73	79	83	81	75	78	80	85	85	82	80	80	78.9
	Minimum	54	55	56	51	54	63	63	64	65	63	69	67	62	53	57	51	51	59	52	60	64	62	61	64	60	65	67	67	66	65	63	60.4
Magnolia	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Malvern	Maximum	72	69	82	80	88	87	86	84	87	91	89	88	90	83	71	82	81	78	85	79	90	86	85	83	86	90	90	87	83	85	86	84.1
	Minimum	53	59	58	69	65	73	75	73	71	80	76	74	72	57	58	53	55	58	52	55	62	61	64	62	61	63	65	67	65	68	64	64.4
Mammoth Spring	Maximum	71	67	76	79	83	82	80	83	84	85	85	83	82	76	72	72	75	73	79	79	85	81	79	81	83	85	88	86	85	84	84	82.0
	Minimum	49	55	55	56	49	56	55	55	61	66	61	65	58	50	47	56	48	54	44	51	57	65	63	65	60	61	63	66	57	58	56	56.8
Marianna	Maximum	65	66	72	73	79	79	81	81	81	83	83	81	80	78	78	75	75	72	79	79	80	79	70	81	84	84	84	78	72	79	79	77.7
	Minimum	51	60	60	58	57	62	65	67	70	70	68	69	69	61	59	62	57	59	54	69	64	63	63	65	66	67	69	65	62	65	61	62.7
Marked Tree §§	Maximum	68	74	78	83	76	83	88	76	88	90	85	85	77	75	80	81	78	83	85	88	81	76	85	84	89	89	85	82	84	86	80	82.0
	Minimum	58	60	59	56	57	64	66	68	68	66	70	63	58	58	59	59	59	54	59	62	62	63	64	65	66	68	68	62	64	64	64	62.2
Marshall	Maximum	72	66	76	75	83	77	77	80	82	84	85	83	76	75	68	70	77	75	84	78	77	79	84	85	89	89	78	78	81	79	78	78.1
	Minimum	56	52	56	53	53	62	63	69	70	70	68	68	55	53	53	50	57	63	55	55	63	62	62	65	63	64	67	66	63	67	66	63.8
Mena	Maximum	67	72	81	81	87	87	79	81	82	85	88	88	86	78	76	74	80	75	86	75	85	83	80	80	85	87	89	83	80	81	78	81.6
	Minimum	54	55	57	55	54	64	63	66	62	69	69	63	55	54	58	48	50	52	52	54	63	60	61	61	58	62	65	61	64	65	59	59.3
Morrillton	Maximum	70	67	75	80	86	79	78	81	81	85	85	89	80	82	77	77	79	72	85	84	77	82	80	81	78	85	90	86	86	81	82	83.1
	Minimum	54	56	58	50	57	63	63	66	67	70	66	69	62	51	56	52	55	59	53	56	64	64	65	64	65	62	69	67	68	64	65	61.2
Mountain Home	Maximum	72	64	79	77	84	76	78	84	83	86	86	85	82	79	71	70	78	76	82	81	84	81	81	80	80	82	88	85	81	81	83	81.5
	Minimum	52	51	53	51	49	57	59	62	65	68	63	64	51	52	49	52	45	55	51	52	55	62	62	63	62	60	65	64	60	60	59	57.1
Mount Ida	Maximum	72	71	79	80	88	89	81	83	83	87	86	89	85	85	68	80	81	72	87	75	88	79	82	80	87	86	87	85	81	81	85	82.4
	Minimum	51	56	60	53	49	59	62	67	65	69	70	67	52	52	53	46	47	57	45	51	64	61	65	61	60	58	58	61	65	66	57	58.3
Nail	Maximum	64	65	72	74	80	79	77	....	75	78	78	80	76	72	67	67	....	72	75	74	80	75	72	71	75	81	83	78	77	78	76	74.8
	Minimum	41	50	54	52	58	57	56	....	60	60	64	62	54	50	51	51	....	50	55	55	60	58	58	60	59	57	60	61	68	67	60	56.3
Newport	Maximum	70	67	76	81	86	79	82	86	85	87	89	86	85	82	75	77	81	81	82	83	87	83	81	84	88	91	90	85	83	85	88	82.7
	Minimum	54	57	56	57	54	61	62	66	70	71	66	69	60	57	56	56	57	59	53	58	67	64	62	66	66	65	69	67	62	64	61	61.7
Ozark	Maximum	71	71	78	79	87	84	81	84	81	82	86	85	88	85	82	73	80	79	82	84	86	83	81	85	87	87	84	85	87	83	81	82.4
	Minimum	50	58	57	40	44	63	61	67	68	67	64	70	65	56	54	57	50	58	50	52	64	61	61	60	64	65	63	62	65	68	66	59.9
Pine Bluff	Maximum	72	72	78	78	86	86	86	87	87	89	88	85	87	78	77	80	77	77	84	82	80	85	85	86	87	90	87	85	82	81	83	82.9
	Minimum	52	56	58	59	58	58	68	65	68	71	68	68	66	61	66	59	57	60	53	59	65	63	62	64	64	65	69	65	66	65	66	62.0
Pocahontas	Maximum	71	66	77	80	83	83	83	86	84	88	87	85	83	78	77	76	78	77	80	82	84	86	77	82	83	83	88	86	82	82	83	81.2
	Minimum	49	56	58	55	53	60	72	63	64	62	64	70	56	53	50	58	53	56	53	55	57	65	67	65	64	62	65	65	59	60	57	59.3
Portland	Maximum	75	75	74	78	87	88	90	88	90	90	91	84	86	82	74	79	77	79	88	76	84	87	87	86	90	91	87	87	72	84	82	83.3
	Minimum	55	60	62	59	57	67	71	65	69	68	65	70	65	64	60	61	56	57	60	61	62	68	64	63	66	65	69	67	63	66	64	63.4
Prescott	Maximum	70	72	81	83	88	89	86	85	86	86	89	87	87	82	75	79	80	84	87	82	87	85	85	83	86	89	88	85	87	83	84	83.6
	Minimum	54	56	58	57	59	66	68	66	64	70	67	65	61	60	59	54	55	59	57	59	65	64	63	63	63	63	68	66	66	66	61	62.4
Rison	Maximum	76	72	82	79	89	90	89	87	87	89	90	87	87	79	78	71	79	76	87	75	86	87	....	87	86	92	85	85	79	84	85	84.3
	Minimum	53	56	59	55	56	66	69	65	67	68	64	65	62	58	66	54	55	58	53	57	63	59	....	60	61	63	61	66	61	65	60	60.9
Rogers	Maximum	69	68	77	77	84	79	76	78	79	84	79	84	79	77	70	73	78	73	82	82	83	79	78	75	80	85	86	80	80	78	71	78.5
	Minimum	55	55	55	48	49	59	60	58	66	62	69	50	49	47	48	53	43	59	46	54	58	60	62	62	59	57	64	61	59	56	61	56.1
Searcy	Maximum	70	70	75	77	84	77	82	85	85	88	88	85	82	79	74	77	77	79	83	81	85	83	79	83	84	88	86	83	81	82	86	81.5
	Minimum	53	57	58	55	53	61	62	66	70	70	66	69	59	55	55	55	56	57	50	56	63	63	61	65	64	63	67	62	64	63	61	60.6
Stuttgart	Maximum	69	70	76	78	84	80	84	83	81	85	86	84	83	78	72	78	77	75	84	80	81	82	78	85	84	88	85	83	79	82	83	80.9
	Minimum	54	58	57	58	57	67	67	66	68	70	64	71	60	58	58	59	56	59	52	58	63	64	63	64	68	66	67	68	62	64	60	61.3
Subiaco	Maximum	72	66	78	80	87	88	77	82	85	88	87	88	84	83	73	75	80	77	83	79	86	82	83	83	80	85	89	89	83	82	81	82.1
	Minimum	56	56	56	53	56	62	64	67	67	66	72	67	59	56	56	53	53	60	55	57	64	63	62	63	63	63	64	67	65	67	64	61.1
Texarkana	Maximum	76	80	86	88	88	90	88	86	88	90	100	92	96	99	95	81	84	87	89	81	88	82	87	84	89	92	93	92	86	87	90	88.5
	Minimum	57	59	60	65	61	70	72	66	70	72	71	69	65	65	66	57	56	65	67	73	70	66	65	65	61	72	70	66	66	67	63	65.3
Umphers	Maximum	68	63	77	77	85	88	79	81	81	87	83	83	81	76	73	73	77	74	83	....	....	....	....	81	74	....	....	....	....	....	....	78
	Minimum	54	55	51	54	50	59	64	60	65	69	67	65	62	55	59	53	51	60	55	....	....	....	....	61	62	....	....	....	....	....	....	58.2
Warren	Maximum	70	71	76	78	87	88	88	85	87	88	88	84	84	80	71	78	79	79	85	80	84	85	80	84	88	84	82	71	81	82	81	82.1
	Minimum	55	59	61	58	58	69	73	61	63	71	67	68	60	62	60	58	56	58	61	59	62	62	70	63	63	68	69	68	67	63	67	63.6
Wynne	Maximum	69	68	75	78	85	82	85	87	87	88	88	84	87	74	75	80	78	78	83	84	87	86	78	86	88	90	90	86	81	85	88	82.2
	Minimum	52	59	60	58	55	59	65	68	70	71	68	68	59	58	55	56	57	60	53	58	62	67	62	66	66	68	68	68	77	65	60	62.4

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1.05
AR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

L. XXVII. LITTLE ROCK, Ark., JUNE, 1922. No. 6.

GENERAL SUMMARY.

The month of June was marked by a mean temperature 1.8° a- e normal and an average precipitation 65% of the normal. No ord breaking extremes occurred, all values being well within the ords of previous years. Precipitation was deficient in the north- half of the State while in some southern and southwestern nties an excess was measured. May, preceding, was a month h a large number of rainy days and a corresponding deficiency sunshine. On June 1st crops were grassy and farm work was ewhat behind, so from an agricultural viewpoint, the defi- ncy in precipitation was unfavorable for early corn, but the hot, weather halted boll weevil development and enabled farm- to clean their fields. Temperatures were rather high from 9th to the 25th, being above normal every day. Midday tem- atures of 95° to 98° were recorded in all sections with 100° 104° in some localities. At the close of the month the agri- tural situation was generally satisfactory in the northern half he State while in the southern half the situation with regards ton was not so good. Rice, potatoes, truck, melons, and fruit re promising and, with continued favorable weather, Arkan- 's peach crop will be large.

W. C. H.

TEMPERATURE.

The mean temperature for the month of June, as determined m the records of 53 stations, was 78.6° which is 1.8° above rmal. Practically all sections showed positive departures. The ghest monthly mean was 82.5° at Pocahontas, the lowest 74.2° Gravette. The highest temperature recorded during the month s 104° at Bee Branch on the 14th; the lowest, 44° at Dutton the 4th. The highest occurred on different dates but the low- about the 3d or 4th throughout the State. The greatest daily nge was 46° at Dutton on the 22d.

PRECIPITATION.

The average precipitation, as determined from the records of stations, was 2.64 inches which is 1.44 inches less than nor- al. This was the driest June experienced in Arkansas since 14 when the average precipitation was only 1.00 inch. The nthly totals ranged from 0.32 inch at Marshall to 6.35 inch- at Murfreesboro. Departures were negative except in the south- n and southwestern counties where an excess of 2.00 inches as measured at a few stations. The greatest amount for 24 con- utive hours was 2.81 inches at Portland on the 29th. The av- nge number of rainy days was 7.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine
Bentonville..	29.99	30.16	25	29.78	27	2,773	20	se.	26	.....	.....	69
Fort Smith...	29.97	30.14	25	29.79	27	4,223	30	nw.	26	82	55	79
Little Rock..	29.98	30.14	24	29.80	27	4,577	32	s.	6	84	64	68
Memphis....	30.02	30.20	25	29.86	19	4,652	28	w.	11	79	60	73

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 2; 2d, 1; 6th, 9; 7th, 3; 8th, 4; 9th, 2; 11th, 2; 16th, 1; 17th, 3; 18th, 7; 19th, 6; 20th, 3; 24th, 2; 25th, 8; 26th, 7; 27th, 8; 28th, 8; 29th, 5; 30th, 7.

Dense Fog:— 2d, 1.

Lunar Halos:— 3d, 1.

Light Hail:— Mena, 25th.

Correction: Symbol [‡‡] page 18, Climatological Data, May, 1922, after the following stations, Arkansas City, Clinton, England, Fulton, Marianna, Okay, Osceola, and Whitecliffs should have been [††].

Annual 1921: Dardanelle total precipitation should be 44.41. January, 1922: Fayetteville, total precipitation should be 1.58. Huttig, precipitation 10th should be 1.30. Portland. precipitation 10th should be 1.62. Rogers, precipitation 10th should be 0.73. Umphers precipitation 4th should be 0 40. February, 1922: Fort Smith, precipitation 1st should be 0.34. Ozark, precipitation 25th should be 0.40. March, 1922: Bentonville, precipitation 25th should be 1.93. England, precipitation 14th should be 1.61. Higden, precipitation 29th should be 0.08. Little Rock, precipitation 30th should be 1.45. April, 1922: Murfreesboro, precipitation 25th should be 0.82. May, 1922: Patterson, precipitation 7th should be 0.94.

COMPARATIVE DATA FOR ARKANSAS---- JUNE.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Normal**	*76.8*		*103*	*45*	*4.08*		*13*	*11*	*6*	*8*
1891.....	77.9	+1.1	103	55	3.71	−0.37	11	11	8	17
1892.....	76.9	+0.1	106	44	3.87	−0.21	16	10	4	8
1893.....	76.3	−0.5	99	49	5.20	+1.12	12	12	6	9
1894.....	76.6	−0.2	106	42	1.39	−2.69	17	10	3	4
1895.....	76.9	+0.1	100	47	5.94	+1.86	12	10	8	10
1896.....	77.7	+0.9	103	48	1.91	−2.17	14	10	6	5
1897.....	78.0	+1.2	106	41	3.46	−0.62	12	13	5	6
1898.....	78.7	+1.9	100	60	4.86	+0.78	8	14	8	11
1899.....	77.3	+0.5	102	50	2.74	−1.34	13	12	5	6
1900.....	76.6	−0.2	100	43	7.10	+3.02	7	14	9	13
1901.....	79.4	+2.6	110	41	1.44	−2.64	16	12	2	4
1902.....	77.5	+0.7	105	42	5.27	+1.19	16	9	5	6
1903.....	70.5	−6.3	99	37	2.53	−1.55	13	10	7	7
1904.....	75.3	−1.5	99	50	7.14	+3.06	11	13	6	10
1905.....	77.9	+1.1	104	44	5.90	+1.82	12	10	8	10
1906.....	76.2	−0.6	101	44	4.60	+0.52	14	10	6	8
1907	75.2	−1.6	103	39	4.48	+0.40	14	11	5	8
1908.....	76.0	−0.8	98	46	3.85	−0.23	13	11	6	8
1909.....	76.9	+0.1	104	49	4.08	0.00	12	12	6	10
1910.....	74.1	−2.7	99	44	4.85	+0.77	12	13	5	10
1911.....	80.9	+4.1	106	47	2.53	−1.55	16	11	3	6
1912.....	73.1	−3.7	97	42	5.83	+1.75	11	12	7	9
1913.....	77.0	+0.2	103	39	1.68	−2.40	16	11	3	4
1914.....	82.3	+5.5	109	52	1.00	−3.08	19	10	1	2
1915.....	76.0	−0.8	106	45	4.92	+0.84	12	9	9	9
1916.....	75.4	−1.4	99	43	5.15	+1.07	12	10	8	8
1917.....	75.2	−1.6	105	37	4.87	+0.79	18	7	5	6
1918.....	80.5	+3.7	110	49	3.55	−0.53	15	9	6	7
1919.....	76.9	+0.1	101	45	5.11	+1.03	11	10	9	10
1920.....	74.7	−2.1	101	42	3.41	−0.67	19	6	5	6
1921.....	78.5	+1.7	103	46	4.84	+0.76	12	10	8	11
1922.....	78.6	+1.8	104	44	2.64	−1.44	16	8	6	7

* Based on 30 years record.

Climatological Data for June, 1922.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observer.
Amity	Clark	250	29	77.3	+ 0.5	99	25	58	5	37	3.94	—1.68	1.32	0	8	15	8	7	s.	Albert Dillard.
Arkadelphia	Clark	160	26	.....	.....	.....	.....	.....	.....	.....	3.77	—1.74	1.07	0	7	21	0	9	w.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	5.59	+1.20	2.10	0	9	13	5	12	s.	Geo. E. Payne.
Batesville	Independence	277	23	78.0	+ 2.1	98	16†	54	5	39	0.53	—3.71	0.18	0	7	22	1	7	sw.	Mrs. Lelia I. Tete
Bee Branch	Van Buren	.....	30	79.7	+ 3.4	104	14	53	5	39	2.35	—1.32	0.85	0	7	3	22	5	sw.	J. E. Scanlan.
Bentonville	Benton	1303	16	75.2	+ 1.1	95	24	50	3	30	2.48	—2.08	1.73	0	5	10	9	5	sw.	U. S. Weather Bur
Black Rock	Lawrence	1321	20	.....	.....	.....	.....	.....	.....	.....	0.34	—2.74	0.10	0	6	23	1	6	.....	Vernon C. Howe
Booneville	Logan	925	8	80.6	.....	99	23	58	4	28	1.03	.....	0.41	0	5	21	6	3	s.	Supt. Tuberculos
Brinkley	Monroe	226	40	80.4	+ 2.9	99	14	56	4	32	2.49	—0.89	1.11	0	7	19	8	3	s.	H. L. D. Whitson
Calico Rock	Izard	361	13	78.8	.....	103	24	53	4	41	0.97	—2.80	0.60	0	8	4	24	2	s.	J. M. Richardson
Camden	Ouachita	158	36	78.6	+ 0.5	96	16	57	4	28	3.17	—1.64	1.14	0	8	17	5	8	ne.	A. B. Quarterman
Clarendon	Monroe	171	18	.....	.....	.....	.....	.....	.....	.....	2.87	—0.35	1.25	0	8	12	4	14	s.	J. W. Bishop
Clinton	Van Buren	550	1	.....	.....	.....	.....	.....	.....	.....	0.53	.....	0.30	0	2	11	12	4	s.	Dr. R. M. Hunter
Conway	Faulkner	309	38	78.7	+ 1.6	98	24	56	4	30	3.11	—0.74	1.32	0	6	16	11	3	s.	E. E. Cordrey.
Corning	Clay	236	22	78.2	+ 2.9	98	15†	52	4	38	2.40	—1.77	0.88	0	7	18	11	1	s.	Rev. N. E. Skin
Dam No. 1	White	199	1	.....	.....	.....	.....	.....	.....	.....	3.04	.....	1.69	0	5	.....	.....	.....	.....	R. M. Thomas.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	0.61	.....	0.14	0	6	22	1	7	w.	J. R. Avera.
Dardanelle	Yell	330	36	80.2	+ 3.1	100	17	56	4	30	2.12	—1.50	0.90	0	4	24	0	6	w.	J. D. Riley.
Dodd City	Marion	1175	40	74.8	— 0.8	96	30	50	3	35	0.84	—3.44	0.43	0	4	12	16	2	sw.	Neal Dodd.
Dumas	Desha	162	15	78.8	+ 0.8	97	16†	57	4	33	5.66	+1.80	2.75	0	10	6	21	3	.....	Ben. Johnson.
Dutton	Madison	1590	20	75.5	+ 4.1	103[a]	24	44	4	46[a]	1.55	—3.94	1.13	0	4	16	13	1	s.	J. M. Ricketts.
El Dorado	Union	265	18	79.9	+ 1.0	98	14	61	1	28	3.81	—0.59	1.07	0	9	7	11	12	sw.	J. J. Lobb.
England	Lonoke	229	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. R. B. Hardi
Eureka Springs	Carroll	1465	20	76.3	+ 2.6	98	24	51	3	34	1.08	—5.26	0.55	0	2	19	10	1	sw.	George W. Nichc
Fayetteville	Washington	1451	36	74.8	+ 0.7	95	24	50	3	34	1.47	—3.05	0.63	0	5	26	3	1	c.	University of Ar
Fort Smith	Sebastian	481	36	79.6	+ 2.8	99	24	58	4	28	1.04	—2.96	0.61	0	7	10	12	8	c.	U. S. Weather B
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	5.27	+1.74	2.27	0	9	20	2	8	s.	T. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	1.36	.....	0.45	0	8	21	4	5	se.	Cleve Bel
Grannis	Polk	921	4	76.1	.....	97	25	57	5	30	3.17	.....	0.62	0	15	17	12	1	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	74.2	+ 0.8	96	24	45	3	34	1.41	—4.04	0.76	0	4	13	13	4	sw.	A. F. Stevens.
Hardy	Sharp	613	25	77.8[d]	+ 2.7	100[d]	12†	53[d]	4	37[d]	2.68	—1.65	1.86	0	5	15[d]	10[d]	1[d]	sw.	Mrs. D. S. Mad
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	1.23	—2.71	0.46	0	9	17	3	10	.....	James A. Burnett
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	2.03	.....	0.60	0	7	21	8	1	sw.	J. A. Ingram.
Hope	Hempstead	377	50	81.0[b]	+ 3.4	101[b]	17	60	4	32[b]	3.03	+1.36	0.85	0	9	18	6[b]	4[b]	sw.	N. P. O'Neal.
Hot Springs	Garland	600	29	79.3	+ 2.2	97	24†	56	4	30	3.40	—1.34	0.75	0	9	20	3	7	s.	L. M. Machan
Huttig	Union	.....	15	78.4	— 0.7	98	16	62	3†	29	3.50	—0.66	1.30	0	6	16	6	8	se.	J. L. Collett
Jonesboro	Craighead	345	27	81.1	+ 3.8	102	15†	58	4	36	0.34	—2.31	0.10	0	6	17	10	3	s.	Benedictine Siste
Junction††	Union	182	29	80.0	+ 1.4	101	17	60	1	33	4.75	+0.82	0.98	0	8	17	7	6	w.	J. A. Lowdertm
Little Rock	Pulaski	286	43	79.4	+ 2.2	95	25	62	4	25	2.21	—1.88	0.88	0	7	11	8	11	s.	U. S. Weather B
Lutherville ††	Johnson	775	25	78.0	+ 2.8	97	24	57	4	27	1.55	—3.14	0.97	0	4	20	8	2	c.	H. Kaufhold.
Magnolia	Columbia	315	4	79.4	.....	98	26	60	4	29	4.38	.....	1.25	0	8	12	10	8	s.	State Agricultur
Malvern	Hot Springs	277	39	80.2	+ 2.8	101	14†	58	4	37	4.56	+0.52	2.30	0	6	20	2	8	s.	Clark Hemsley.
Mammoth Spring	Fulton	512	17	75.8	+ 1.9	96	14†	52	4†	35	0.45	—4.01	0.23	0	3	18	8	4	s.	W. S. Vincent.
Marianna	Lee	235	13	78.2	— 0.6	96	14	58	5	25	2.47	.....	0.56	0	9	15	11	4	se.	C. N. Houck.
Marked Tree	Poinsett	229	17	79.6	.....	99[a]	27	57	3	37[a]	0.83	—2.30	0.33	0	7	21	3	1	ne.	Charles Warton.
Marshall	Searcy	1083	7	77.7	.....	95	16	53	4	28	0.35	...	0.12	0	4	12	17	1	nw	W. F. Reeves.
Mena	Polk	1208	31	76.3	— 0.1	97	24	56	4†	33	2.63	+2.20	0.72	0	12	12	9	9	sw.	E. W. St. John.
Morrilton	Conway	547	2	79.4	.....	99	24†	57	4	33	0.68	.....	0.35	0	3	15	14	1	s.	J. W. Jackson.
Mountain Home	Baxter	860	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. S. Hazlett.
Mount Ida	Montgomery	730	24	76.8	.....	99	25	54	4	35	2.75	—1.67	0.75	0	9	13	6	11	sw.	G. A. Whittingto
Murfreesboro	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	6.33	.....	1.07	0	14	14	3	13	c.	Henry A. Davis
Nail	Newton	2233	29	75.2	+ 1.0	93	24	53	3	21	1.67	—3.13	1.15	0	3	14	11	5	sw.	Charles Paxton
Newport	Jackson	231	38	81.0	+ 3.4	104	13†	59	4†	35	0.71	—2.91	0.40	0	4	7	18	5	s.	George L. Robi
Okay	Polk	1750	7	78.0	.....	99	25	58	1†	23	1.12	.....	0.92	0	4	10	18	2	s.	U. S. Forest Ser
Osceola	Mississippi	240	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Steve Palp Jr.
Ozark	Franklin	377	26	78.6	+ 0.7	99	24	55	4	33	1.67	—2.76	0.75	0	3	22	2	6	sw.	Isham Darrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	1.63	.....	0.85	0	5	22	0	8	.. .	W. L. Baker.
Pine Bluff	Jefferson	215	38	82.2	+ 3.1	101	17	61	4	30	3.01	0.78	0.80	0	9	20	5	5	s.	Miss. Theresa Sc
Pocahontas	Randolph	300	30	80.5	+ 0.5	99	14†	55	4	30	3.25	—0.47	1.30	0	7	13	16	1	s.	benedictine siste
Portland	Ashley	122	16	80.4	+ 1.7	99	15	61	4	32	4.18	+0.24	2.81	0	8	16	9	5	s.	W. E. Johnston.
Prescott	Nevada	327	40	78.8	+ 0.3	96	15†	59	4	29	4.55	+0.93	1.14	0	9	20	6	4	s.	O. J. Stephenso
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	5.32	+1.07	1.25	0	9	20	0	10	sc.	Foote Coleman.
Rison	Cleveland	243	18	79.6	+ 2.2	98	24	58[a]	4	34[a]	5.07	+0.99	1.57	0	8	14[a]	9[a]	6[a]	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	75.0	+ 1.8	97	24	48	3	34	2.99	—1.74	2.46	0	5	18	7	5	s.	Carl A. Starck.
Searcy	White	236	9	79.0[a]	.....	97[a]	16	57[a]	4†	32[a]	1.64	.....	0.60	0	5	24[a]	3[a]	2[a]	sw.	Miss Sarah Cype
Springbank ††	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	4.93	+1.92	1.38	0	8	20	3	7	.....	Miss Grace Feh
Stuttgart	Arkansas	228	34	79.3	+ 1.9	97	16	58	4	28	3.70	—0.37	2.00	0	5	12	15	3	sw.	H. A. Buerkle.
Subiaco	Logan	1050	25	80.6	+ 3.5	102	24	56	4	33	0.63	—3.39	0.47	0	5	17	11	2	s	New Subiaco Ab
Texarkana	Miller	332	40	81.0	+ 2.0	102	25	62	4	32	4.39	+0.84	1.98	0	9	14	5	11	s.	H. S. Brashear.
Umphers ††	Yell	2090	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Serv
Waldron	Scott	675	3	.....	.....	.....	.....	.....	.....	.....	2.08	.....	0.96	0	10	5	16	9	sw.	Dr. Cheves Bev
Warren	Bradley	206	3	78.8	+ 0.3	95	16	60	4	32	6.15	+2.10	2.70	0	4	15	8	7	ne.	Mrs. J. L. Clegg
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	5.90	+2.38	2.00	0	6	19	2	9	.....	Miss Eulela M.
Wynne	Cross	250	14	80.2	+ 2.8	99	16	58	5	40	2.12	—1.02	1.20	0	4	23	2	5	s.	J. M. Larkan.
State Means and Extremes				78.6	— 1.8	104	14	44	4	46	2.64	—1.44	2.81	0	7	16	8	6	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in de section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appear table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Decatur, Ark.; Umphers, Rover, Ark.

Daily Precipitation for June, 1922.

Stations.	Drainage-basin.	Day of month.																													Totals
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		T.				1.32	.30	.41	.07	.12	T.								.93	.16					T.	T.			.60			3.94
Arkadelphia	do				.20			1.07	.80	1.05	.20																		.25	.20		3.77
Arkansas City	Mississippi				.08			.01	.06	1.20	T.	.10	.01									T.										5.59
Bee Branch	Arkansas					T.			.25	.20	.10	.10							.03			T.										0.53
Bentonville	do						.13	.18			T.															.10		T.	.75	.85		2.35
Black Rock	White							.03	.02	.06	.08	T.						.43								.04	1.70					2.48
Booneville	Arkansas						.18		.02										.10			.05							T.			0.34
Brinkley	White			T.				T.	1.11	.76	.62	.18	.11						.12								.30			.41		1.03
Calico Rock	do					.05	T.	.05	.01	.01																	.28		.03			2.49
Camden	Ouachita		1.14				.10	.28		.03	.03														.07	.05	.13	.60				0.97
Clarendon	White		.15	.01			.02	.20	1.00	T.	.20																.47		.37	.75		3.17
Clinton	do							.30																			.04		1.25			2.87
Conway	Arkansas		.12				1.32		.72		T.	.07																				0.53
Corning	White							.88	.32		.12															.09		.79				3.11
Dam No. 1	do		.21				1.69	.73		.20							.10		.10		.30						.58					2.40
Danville	Arkansas	.12						.10	.11	.68	.67																		.21			3.04
Dardanelle	do								.96	.45	.56																.10					0.61
Dodd City	White								.08		.04							.43									.63					2.12
Dumas	Arkansas		.06			.07	2.75		.30	.05	.05									.04						.28						0.84
Dutton	White							T.	.32	T.	.05		.02						.04						.15	.16	2.03					5.66
El Dorado	Ouachita			.90	.10			.03	.90		.15	.28													1.13							1.55
England	Arkansas																										.04		1.07	.34		3.81
Eureka Springs	White								.55													T.										
Fayetteville	do	.05				.52	T.																			.55						1.08
Fort Smith	Arkansas	.04				T.	T.	.16	T.	.01	T.							.05							.22	.63		T.				1.17
Gilbert	Red		.57				.60	.61	.56	.67	.33							T.		.24					.12	.49		.01				1.04
Gurdon	White		.07				.41	.07	.12	.01		.07														2.27	.31	.15				5.24
Hatton	do																			.45	.10											1.36
Hazen	Red	.16	.50	.05			.13	.62	.01	.13	.20	.02																				
Hazen	do						.17		.12		T.							.36		.21					.46	.65	.25	.06	.32			3.17
Helena	White							.59									.10	.32								.76						1.41
Hickman	do																															
Hope	Mississippi				.10			.14	.46	.12	.02	.01															1.86		.10			2.68
Horatio	White								.60		.06		.42					.04		.04	.32	T.					.02					
Hot Springs	Red		.35			.85	.44	.37		.14								.04								.01		.50				1.23
Huttig	Ouachita			.60		.58	.56	.35	.75	.58	.12									.39						.40	.15	.12	.19				2.03
Jonesboro	do						.20	.30	.40	.70																.06			.33			3.04
Junction	White		.05					.09	T.	.05																			1.30			3.10
Little Rock	Ouachita		.68			.21	.78		.68	.70								.03									.10		.01			3.56
Lonoke	Arkansas					.75	T.	.88	T.	.28	.18	T.								T.												0.31
Lonoke	do			1.10		.08		.20		.05											.05				.30	.02	.04	T.				1.75
Magnolia	Red			.92		.15	1.10	.20																		.97						2.21
Malvern	Ouachita						.21	.50	2.30	T.	.35															.15	1.25	.10					1.55
Monticello	White							.20																								1.58
Marianna	Mississippi			.92			.06	.56	.18	.40								.23		T.								.02	T.		.25		4.56
Marked Tree	St. Francis			11				.06	T.	.12	.07	.33	.02					.02			.26						.04		.03			2.47
Marshall	White	T.				T.			.03																		.10		T.			0.82
Mena	Ouachita		.03				.20	.16	.02	.12	.05	.50						T.							.12	.18			.09			0.59
Morrilton	Arkansas		.06					.27												.10						.55	.72		.01	.17			2.66
Mountain Home	White																									.55						0.68
Murfreesboro	Ouachita	.03																														
Nashville	do	.17	.23	.51		.11	.75	.16	.52	.04	.17	.01								.44								.60				2.75
Newport	White		T.				.18	T.	.30	T.	T.														T.	.15	.12			1.98		6.55
Norfork	do							.40		.09																1.15	T.					4.63
Osceola	Arkansas	.15											.10												T.				.12			0.71
Osceola	Mississippi							.05																								
Pocahontas	do									.07	.01	.48														.92	.30					1.42
Pocahontas	White									.55										.43						1.10						
Prescott	Arkansas		.05				.85	.12																	.75	.35						1.63
Quitman	White		.22					.48	.44	.45	.02									.40									.22			1.61
Rockport	Ouachita						1.30	.30					.15			.10		.50	.10			.02						.80	.02	.56		3.01
Russellville	do			.12			.08	.06	.14	.03	.03																	.80				3.25
Sheridan	Ouachita			.21			T.	.60	1.11	.72	.05	.24																.26	2.81				4.15
Smackover	do							.90	.40	.25	.05	.70	.70														.13	T.	.35	1.11			4.54
Stuttgart	Arkansas						.29	1.29	.20		.20	.25														.22			.70	1.25			5.32
Swifton	White						T.	.28	.03											.37								.87	1.57				5.07
Springbank	Red						.08		.46		.60							.22				.42				.41	2.05						2.96
Texarkana	Arkansas			1.05				1.50	.63	.18	.12	.08																				
Trumann	do			.09			T.	.04	2.00																		1.58	.19				1.64
Turrell	Red	.10		1.98				.30	.50		.30	.70																.92	T.		.65		4.96
Van Buren	Arkansas																			.13						.47						0.6
Vendor	do		T.				.55	.03	T.	.03	.02	.10															.09			.18			1.0
Warren	Ouachita			T.			T.	2.15	.60	T.	.75							.10	T						.65	.90		.02	.14			2.06
Watesville	Red	T.		.70				.80	1.00			T							T.									T.	2.70	T.			6.15
Wynne	St. Francis							T.	.10	.34		.38	T.														2.00	T.		.10			5.0
																											1.20					2.12

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau stations: precipitation for hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. † Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for June, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.2	10.5	11.5	11.9	10.6	9.5	8.4	7.8	7.4	7.1	7.4	7.4	7.1	7.2	7.1	6.8	6.6	6.1	6.0	6.0	6.7	7.2	6.4	6.1	5.7	5.5	5.4	5.3	5.1	5.3	
Fulton	do	20	9.6	9.9	8.8	9.8	10.1	9.3	8.3	7.5	6.8	6.7	6.2	6.1	5.9	6.1	5.8	5.4	4.9	4.7	4.3	4.0	3.8	3.9	4.0	4.7	4.2	3.8	3.6	3.4	3.2	3.2	
Little Rock	do	23	12.3	10.5	9.1	8.8	9.2	9.9	9.5	8.5	7.5	6.8	6.1	6.0	5.3	5.4	5.5	5.2	4.8	4.2	3.8	3.5	3.2	2.9	2.8	3.0	4.0	3.6	3.1	2.7	2.5	2.3	
Pine Bluff	do	25	17.0	15.3	13.7	13.0	12.7	13.2	13.7	13.1	12.2	12.2	12.3	10.7	10.2	9.8	9.7	9.3	9.3	9.1	8.7	8.5	7.9	7.6	7.4	7.1	7.2	7.2	7.7	7.6	7.3	7.1	6.9
Rock Rock	Black	14	5.2	5.0	4.8	4.6	4.6	4.6	4.6	5.0	4.9	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.6	3.4	3.4	3.4
Saco Rock	White	18	2.6	2.5	2.9	2.3	2.7	2.1	1.4	1.9	1.8	1.6	1.5	1.4	1.4	0.9	1.7	1.2	1.2	1.2	0.8	0.6	0.5	0.3	0.2	0.4	0.4	0.6	0.5	0.4	0.3	0.3	
Wesville	do	23	9.0	8.4	8.4	8.4	8.2	8.2	7.4	6.9	7.2	7.2	6.9	6.8	6.8	6.6	6.3	6.1	6.1	6.6	6.2	6.1	5.9	5.6	5.2	5.3	5.5	5.5	5.7	5.7	5.1	5.2	
Wesport	do	26	7.4	7.1	7.0	6.9	6.7	6.6	6.3	6.1	6.0	5.9	5.8	5.6	5.5	5.2	5.2	5.1	5.0	4.8	4.7	4.6	4.5	4.4	4.1	4.2	4.3	4.2	4.2	4.2	3.9	3.7	
Wigetown	do	22	11.2	10.8	10.2	9.7	9.2	8.5	7.9	7.6	7.2	6.9	6.7	6.1	5.8	5.7	5.6	5.4	5.0	4.5	4.2	4.0	3.8	3.7	3.5	3.4	3.3	3.1	2.8	2.6	2.4	2.2	2.0
Winston	do	30	20.7	20.3	19.9	19.4	18.7	18.1	17.5	17.0	16.7	16.3	15.9	15.6	15.1	14.5	14.0	13.4	12.9	12.5	12.1	11.8	11.5	11.3	11.2	11.0	10.7	10.4	10.2	10.0	9.9	9.8	
Yazoo	Mississippi	42	25.8	26.4	26.8	27.0	26.8	26.3	25.6	24.9	24.3	23.8	23.6	23.0	22.4	21.9	21.7	21.7	21.5	21.1	20.7	20.5	19.9	19.6	19.9	20.3	20.5	20.6	20.6	20.1	19.8	19.8	
Yazoo City	do	42	36.5	36.2	36.0	35.6	35.2	34.8	34.2	33.7	33.3	33.0	32.6	32.2	31.9	31.6	31.4	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.2	29.0	28.8	28.6	28.4	
Yellville	Ouachita	49	16.1	14.7	13.6	11.5	10.6	9.9	9.1	8.3	11.1	14.1	14.5	14.6	14.9	15.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8	14.8	14.8	14.8	14.8	14.8	
Yorkville	Petit Jean	20	4.3	4.1	3.8	3.6	3.3	3.0	3.0	3.0	3.0	2.8	2.6	2.5	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	
Yorkville	Red	28	15.6	14.6	14.3	14.6	15.4	15.5	15.1	14.8	14.6	14.9	15.0	14.8	14.7	14.2	13.2	13.1	13.1	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	
Youngsville	Ouachita	18	3.6	2.9	2.6	2.1	1.9	1.6	1.3	2.8	3.5	5.5	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	
Zachary	Cache	9	5.0	4.7	4.5	4.3	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.5	3.4	3.3	3.2	3.1	

Daily Temperatures for June, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Amity §§	Maximum	84	84	86	87	81	83	80	82	86	88	92	92	94	91	95	92	89	92	90	90	93	94	97	99	83	85	84	94	92	92	....
	Minimum	63	61	62	62	58	61	64	67	68	70	72	68	68	65	67	70	69	74	66	61	64	66	62	62	67	68	68	64	64	68	....
Batesville §§	Maximum	78	83	82	84	86	88	84	79	86	86	91	96	95	97	96	98	97	93	96	90	83	95	97	98	98	86	93	93	96	97	....
	Minimum	60	61	63	56	54	59	65	66	67	71	73	73	70	66	67	71	69	70	66	65	63	60	64	66	59	67	65	67	67	70	....
Bee Branch	Maximum	83	85	84	89	90	87	91	85	90	90	93	99	100	104	102	101	99	99	99	92	95	100	102	101	103	90	96	97	100	103	....
	Minimum	59	60	61	54	53	60	63	65	66	69	69	68	65	66	70	67	71	64	66	66	64	62	63	65	64	67	64	66	69	68	....
Bentonville	Maximum	68	73	76	82	82	79	84	83	84	85	86	90	91	92	92	92	92	88	90	89	86	87	90	93	95	87	81	89	86	91	....
	Minimum	57	57	50	55	60	59	65	64	66	68	70	71	69	68	66	70	68	65	66	64	59	62	64	65	68	64	66	69	65	71	....
Booneville	Maximum	80	80	82	84	83	79	83	82	85	90	91	97	97	98	97	98	97	94	91	92	94	98	99	96	97	92	88	92	95	95	....
	Minimum	61	63	60	58	60	67	66	68	67	71	75	75	72	74	75	76	78	72	70	72	73	75	76	76	74	71	68	68	72	67	....
Brinkley	Maximum	84	88	81	86	88	90	86	79	85	88	90	97	95	99	98	98	98	94	94	94	91	95	95	95	97	92	88	92	95	95	....
	Minimum	66	62	64	56	58	66	68	68	69	71	74	72	73	72	78	75	78	78	74	70	67	66	68	69	65	66	65	65	65	69	....
Calico Rock §§	Maximum	86	84	83	85	91	89	90	83	89	87	94	98	99	101	102	101	94	93	95	94	90	92	94	95	95	92	82	87	91	89	....
	Minimum	59	58	57	53	56	57	57	66	67	69	69	70	69	66	67	70	70	69	65	66	61	62	64	64	66	66	71	67	69	68	....
Camden §§	Maximum	84	87	79	82	87	88	81	85	81	87	89	94	93	95	95	96	96	95	92	93	94	92	93	95	98	96	82	88	89	94	....
	Minimum	64	63	66	57	61	68	67	69	70	71	72	70	68	69	71	74	68	71	69	66	67	66	63	68	68	66	71	67	68	68	....
Conway	Maximum	82	85	82	86	86	85	86	77	86	86	90	94	94	96	94	96	96	94	95	95	91	93	95	98	96	96	68	68	68	68	....
	Minimum	65	62	63	56	58	64	57	69	68	73	71	72	70	70	74	72	74	74	67	68	67	65	67	70	66	71	68	68	69	66	....
Corning	Maximum	81	84	82	85	88	89	84	81	88	87	93	94	95	97	98	94	93	94	93	94	90	92	94	95	95	92	82	87	91	89	....
	Minimum	59	58	57	53	56	57	57	66	67	69	69	70	69	66	67	70	70	69	65	66	61	62	64	64	66	66	71	67	69	68	....
Dardanelle	Maximum	84	87	79	82	87	88	81	85	81	87	89	94	93	95	95	96	96	95	92	93	94	92	93	95	98	96	82	88	89	94	....
	Minimum	64	63	66	57	61	68	67	69	70	71	72	70	68	69	71	74	68	71	69	66	67	66	63	68	68	66	71	67	68	68	....
Dodd City	Maximum	82	85	82	86	86	85	86	77	86	86	90	94	94	96	94	96	96	94	95	95	91	93	95	98	96	96	68	68	68	68	....
	Minimum	65	64	67	56	58	57	68	68	69	67	72	71	72	72	70	70	72	75	74	70	70	69	67	66	67	66	68	67	65	68	....
Dumas	Maximum	70	78	78	82	85	81	79	79	86	78	81	90	92	94	94	96	94	96	92	86	92	86	88	94	95	92	86	88	90	90	....
	Minimum	58	52	50	51	54	52	63	66	67	69	70	68	67	66	65	69	67	66	67	64	58	59	62	66	68	67	65	68	63	64	....
Dutton	Maximum	82	85	75	75	86	85	83	75	79	87	82	93	94	94	96	97	96	95	94	94	88	93	96	94	96	97	90	90	90	90	....
	Minimum	65	64	65	57	61	68	68	69	70	72	72	72	72	72	70	72	74	70	75	72	70	67	68	67	69	63	69	72	70	70	....
El Dorado	Maximum	82	85	75	75	86	85	83	75	79	87	82	93	94	94	96	97	96	95	94	94	88	93	96	94	96	97	90	90	90	90	....
	Minimum	65	64	65	57	61	68	68	69	70	72	72	72	72	72	70	72	74	70	75	72	70	67	68	67	69	63	69	72	70	70	....
Eureka Springs	Maximum	....	83	78	87	86	88	84	86	85	86	87	95	95	98	97	97	97	96	95	95	89	93	94	100	97	103	98	87	94	90	....
	Minimum	58	55	47	44	58	54	62	62	66	66	69	65	60	59	59	58	63	64	58	57	53	54	56	58	63	65	63	64	57	65	....
Fayetteville	Maximum	84	84	85	82	88	90	80	84	80	83	91	95	95	98	97	97	97	95	95	95	92	94	95	97	97	96	90	87	92	87	....
	Minimum	61	62	65	60	64	68	67	69	70	71	73	73	70	72	74	74	69	74	73	68	69	69	68	72	70	70	71	69	71	68	....
Fort Smith	Maximum	86	87	79	85	85	87	82	82	86	89	92	94	94	96	97	97	97	97	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Grannis	Maximum	82	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	97	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	73	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Gravette	Maximum	82	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Hardy	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Hope	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Hot Springs	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Huttig	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Jonesboro	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Junction	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Little Rock	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Lutherville	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Magnolia	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Malvern	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Mammoth Spring	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Marianna	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Marked Tree §§	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Marshall	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Mena	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Morrillton	Maximum	83	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Mountain Home	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mount Ida	Maximum	82	81	80	84	84	81	83	80	85	88	89	95	95	95	94	95	95	93	91	94	90	93	94	95	99	81	89	88	96	92	....
	Minimum	60	60	63	54	54	60	65	67	64	69	74	67	64	66	69	65	69	67	64	66	59	62	63	66	64	67	66	67	62	69	....
Nail	Maximum	69	74	74	79	80	79	79	74	78	83	86	88	86	89	88	86	88	88	85	86	84	81	89	91	93	90	79	81	83	91	....
	Minimum	63	60	53	58	68	70	68	66	67	70	70	70	70	71	70	70	71	70	75	69	68	66	70	76	77	77	77	69	70	70	....
Newport	Maximum	83	89	85	88	91	94	85	80	90	92	95	98	100	100	100	98	96	94	99	93	94	97	97	100	99	91	91	94	97	98	....
	Minimum	65	67	64	59	59	65	67	69	68	70	73	74	73	72	72	70	70	75	74	72	70	69	70	65	70	65	64	70	71	71	....
Okay	Maximum	75	79	76	81	83	80	78	82	83	80	81	86	90	89	92	90	89	89	92	88	86	88	92	91	95	93	78	83	85	92	....
	Minimum	58	59	59	58	68	69	63	64	64	60	61	65	69	69	81	82	79	79	74	69	69	75	79	79	85	78	74	72	72	77	....
Ozark	Maximum	78	80	84	85	83	84	85	86	85	86	86	94	95	94	96	96	97	96	96	85	78	94	96	97	99	96	82	91	90	97	....
	Minimum	65	64	58	55	57	66	68	69	66	69	69	69	70	70	69	73	71	75	67	67	65	64	65	66	72	69	68	71	69	71	....
Pine Bluff	Maximum	82	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Pocahontas	Maximum	82	87	79	85	85	87	82	82	86	89	90	95	95	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	66	66	61	66	68	67	69	69	72	72	73	74	74	73	74	74	73	74	73	70	71	73	74	69	69	70	70	70	71	....
Portland	Maximum	81	84	81	83	87	87	85	82	87	88	93	96	96	98	97	97	97	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	63	60	60	55	57	60	65	69	67	68	72	85	87	96	98	97	98	95	97	94	94	89	95	96	97	96	82	88	93	96	....
Prescott	Maximum	80	86	82	85	90	89	90	85	83	90	92	95	96	98	99	98	99	98	97	97	94	96	96	98	92	83	91	89	94	95	....
	Minimum	66	65	67	61	66	68	69	70	70	73	72	72	72	72	70	71	70	71	73	70	71	69	65	68	68	65	69	70	69	70	....
Rison	Maximum	83	87	79	83	86	87	80	84	83	88	90	93	93	95	96	93	97	96	95	94	92	94	95	97	97	96	90	93	96	98	....
	Minimum	64	63	65	59	62	67	66	68	67	71	72	74	71	71	73	72	71	70	72	67	69	67	66	68	68	65	69	70	69	70	....
Rogers	Maximum	....	87	80	85	88	90	82	88	82	88	90	96	95	97	97	97	97	96	95	96	94	96	96	98	92	83	91	89	94	95	....
	Minimum	....	62	63	58	63	66	65	67	68	69	71	71	69	70	71	69	70	72	67	73	69	67	66	68	68	65	69	70	69	70	....
Searcy	Maximum	68	74	77	81	83	81	86	83	84	86	87	89	93	96	99	96	99	96	98	96	93	96	96	98	92	83	91	89	94	95	....
	Minimum	57	60	48	50	54	56	63	63	66	68	70	68	65	64	65	66	66	63	64	64	57	59	62	63	66	62	63	67	63	64	....
Stuttgart	Maximum	80	86	81	84	86	87	84	78	87	87	....	95	94	95	96	97	96	93	94	93	90	91	93	93	94	88	88	91	93	95	....
	Minimum	65	62	63	57	57	68	66	66	73	70	....	93	94	94	96	99	94	97	96	93	94	90	88	91	93	92	92	93	85	90	....
Subiaco	Maximum	81	84	77	83	85	86	82	80	82	87	89	72	71	72	74	73	73	75	78	71	71	70	68	69	70	76	64	71	70	73	....
	Minimum	65	63	65	58	63	73	68	69	69	72	71	72	97	96	99	98	96	98	101	97	98	90	98	101	102	97	88	93	92	99	....
Texarkana	Maximum	81	84	83	85	86	82	87	85	90	91	93	97	96	99	98	96	97	98	93	93	92	94	95	99	99	101	102	93	87	93	....
	Minimum	62	64	59	56	58	64	67	68	68	72	71	72	72	73	74	73	74	75	72	73	70	65	72	69	70	69	73	75	70	73	....
Warren	Maximum	90	89	83	87	90	85	80	83	82	87	90	95	95	95	96	97	98	93	93	92	94	95	99	99	101	102	93	87	93	95	....
	Minimum	64	65	66	62	66	68	66	70	71	71	72	70	72	74	75	74	75	72	73	70	65	72	69	70	69	73	75	70	73	75	....
Wynne	Maximum	81	85	78	81	86	85	80	81	80	85	87	91	93	94	94	95	94	95	94	92	93	88	90	93	93	94	86	88	88	88	....
	Minimum	65	65	66	60	64	70	68	69	70	71	73	74	72	71	73	74	72	73	74	72	71	73	74	75	73	71	73	71	69	70	....
	Maximum	87	86	82	85	87	89	86	82	89	88	90	95	95	98	97	97	98	93	95	96	97	98	95	97	98	95	97	98	95	90	....
	Minimum	64	60	65	59	58	65	69	69	69	71	72	73	74	74	73	74	74	73	74	73	68	69	66	64	71	63	58	71	70	72	....

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always oc

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SEP 1

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII. LITTLE ROCK, ARK., JULY, 1922. No. 7.

GENERAL SUMMARY.

The month of July was slightly above the 30-year average temperature and precipitation with no record breaking extremes recorded in any locality. The temperature excess was greatest in the northwestern and northeastern counties while other sections of the State both positive and negative departures occurred. The first eight days were cool, temperatures below normal throughout the State, but thereafter temperatures were normal or above. Precipitation was rather unevenly distributed, practically all stations in the Arkansas Valley, the west central counties, and along the northern border, measuring less than normal amounts with an excess in other sections. The weather was generally favorable for the growth of cotton and, as a rule, fields were clean and the crop well cultivated. The dry weather held boll weevil in check and the plants were maturing satisfactorily at the close of the month. In the west central counties it was too dry for corn, but in most other sections conditions were favorable. The weather was also favorable for truck, melons, cantaloupes, and peaches, large crops being harvested.

There were 14 clear days, 11 partly cloudy, and 6 cloudy, practically normal. Sunshine averaged about 70 per cent of the possible. The prevailing wind was from the south, averaging about 6.4 miles per hour. The maximum velocity recorded during the month was at Fort Smith, 53 miles per hour from the southeast on the 12th.

W. C. H.

TEMPERATURE.

The mean temperature for the month of July, as determined from the records of 53 stations, was 80.2° which is 0.3° above normal. Positive and negative departures were recorded in all sections The highest monthly mean was 83.2° at Subiaco, the lowest, 76.8° at Dodd City. The highest temperature recorded during the month was 106° at Subiaco on the 31st; the lowest, 48° at Dutton and Mount Ida on the 5th. The highest occurred during the last decade in all sections of the State, the lowest on either the 4th, 5th, or 6th.

PRECIPITATION.

The average precipitation, as determined from the records of 53 stations, was 4.12 inches which is 0.20 inch above normal. Monthly totals ranged from 0.96 inch at Mena to 8.90 inches at Marked Tree. Positive and negative departures were recorded in all sections except the west central counties where amounts were less than normal at all stations. The greatest amount measured in 24 consecutive hours was 3.75 inches at Fayetteville on the 11th. The average number of rainy days was 7.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.01	30.28	13	29.76	6	3,353	24	s.	9	.....	.....	68
Fort Smith...	29.98	30.22	13	29.76	6	4,889	53	se.	12	83	59	76
Little Rock..	30.01	30.20	13	29.85	3	5,764	33	s.	7	86	67	62
Memphis....	30.07	30.25	13	29.91	3	5,255	40	nw.	23	82	68	73

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 5; 2d, 15; 5th, 1; 6th, 2; 7th, 11; 8th, 4; 10th, 4; 11th, 8; 12th, 10; 13th, 3; 14th, 5; 15th, 5; 17th 4; 18th, 11; 19th, 1; 22d, 1; 23d, 5; 24th, 6; 25th, 12; 26th, 8; 27th, 4; 28th, 1; 29th, 8; 30th, 8; 31st, 7.

Dense Fog:— 13th, 1; 14th, 1.

Lunar Halos:— 2d, 1; 7th, 1; 31st, 1.

Solar Halos:— 11th, 1; 12th, 1; 13th, 1.

Correction: Subtract 0.2 ft. from river stages Little Rock, April 12, 1922 to June 30, 1922.

COMPARATIVE DATA FOR ARKANSAS---- JULY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more
*Normal**	*79.9*		*106*	*51*	*3.92*		*15*	*11*	*5*	*8*
1891.....	76.5	−3.4	103	50	7.24	+3.32	13	8	10	10
1892.....	79.0	−0.9	104	50	3.58	−0.34	10	11	10	10
1893.....	80.9	+1.0	103	59	2.94	−0.98	17	11	3	6
1894.....	78.4	−1.5	108	51	3.98	+0.06	17	9	5	6
1895.....	78.9	−1.0	104	55	7.34	+3.42	12	10	9	12
1896.....	83.4	+3.5	110	52	1.61	−2.31	16	11	4	4
1897.....	82.4	+2.5	109	50	3.25	−0.67	16	11	4	5
1898.....	79.9	0.0	105	50	4.25	+0.33	12	13	6	8
1899.....	79.0	−0.9	100	52	5.14	+1.22	15	11	5	8
1900.....	79.7	−0.2	102	51	4.46	+0.54	10	15	6	9
1901.....	83.7	+3.8	116	50	2.49	−1.43	15	13	3	6
1902.....	79.4	−0.5	105	50	4.49	+0.57	14	12	5	6
1903.....	79.6	−0.3	105	53	3.86	−0.06	13	12	6	9
1904.....	77.9	−2.0	104	49	4.43	+0.51	13	13	5	10
1905.....	76.7	−3.2	106	51	7.60	+3.68	10	13	8	13
1906.....	76.7	−3.2	99	48	5.96	+2.04	13	9	9	10
1907.....	81.4	+1.5	108	53	1.96	−1.96	21	8	2	4
1908.....	79.2	−0.7	103	48	3.00	−0.92	15	12	4	8
1909.....	81.9	+2.0	106	50	2.51	−1.41	19	9	3	15
1910.....	79.4	−0.5	105	41	5.46	+1.54	15	12	4	10
1911.....	78.4	−1.5	106	43	4.83	+0.91	9	14	8	11
1912.....	81.3	+1.4	104	56	2.82	−1.10	15	13	3	6
1913.....	81.5	+1.6	104	55	4.31	+0.39	13	14	4	8
1914.....	82.6	+2.7	110	54	2.69	−1.23	11	15	5	7
1915.....	77.1	−2.8	107	43	2.40	−1.52	20	7	4	5
1916.....	82.8	+2.9	106	55	2.09	−1.83	19	9	3	6
1917.....	79.6	−0.3	106	50	5.10	+1.18	15	9	7	8
1918.....	79.6	−0.3	111	49	1.53	−2.39	19	7	5	4
1919.....	81.2	+1.3	104	54	1.91	−2.01	19	8	4	5
1920.....	79.8	−0.1	105	52	4.22	+0.30	15	10	6	7
1921.....	82.0	+2.1	107	54	2.42	−1.50	19	8	4	6
1922.....	80.2	+0.3	106	48	4.12	+0.20	14	11	6	7

* Based on 30 years record.

Climatological Data for July, 1922.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	250	29	80.4	+ 0.1	104	31	53	5	37	1.29	—2.80	0.95	0	4	14	13	4	s.	Albert Dillard.
Arkadelphia	Clark	160	26								4.20	+ 0.30	1.65	0	6	11	0	20	sw.	F. J. Carpenter.
Arkansas City	Desha	145	38								2.68	—1.29	0.80	0	8	12	8	11	s.	Geo. E. Payne.
Batesville	Independence	277	23	79.3	— 0.5	99	22†	54	4†	36	6.39	+3.20	2.12	0	11	24	0	7	s.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren		30	80.2	+ 0.3	103	29	53	5	37	4.95	+1.39	1.05	0	9	4	19	8	s.	J. E. Scanlan.
Bentonville	Benton	1303	16	77.4	— 1.1	95	29	53	4	27	3.79	— 0.52	1.43	0	7	17	10	4	s.	U. S. Weather Bureau.
Black Rock	Lawrence	1324	20								6.62	+2.76	3.00	0	10	18	3	10	.....	Vernon C. Howe.
Booneville	Logan	925	8	82.2	.....	105	22	59	4	31	2.19	.....	0.78	0	8	20	9	2	s.	Supt. Tuberculosis San.
Brinkley	Monroe	226	40	81.2	+ 1.0	100	29	58	6	30	5.02	+0.81	2.24	0	7	20	8	3	s.	H. L. D. Whitson.
Calico Rock	Izard	361	13	79.8	.....	102	29	55	4	33	3.61	+0.37	1.50	0	9	1	29	1	w.	J. M. Richardson.
Camden	Ouachita	158	36	80.0	— 1.0	96	29	56	5	25	6.40	+2.41	2.00	0	8	11	9	11	s.	A. B. Quarterman.
Clarendon	Monroe	171	18								2.97	—0.71	1.25	0	8	9	3	19	sw.	J. W. Bishop.
Clinton	Van Buren	550	1								2.78	.....	0.90	0	7	8	14	9	s.	Dr. R. M. Hunter
Conway	Faulkner	309	38	80.5	— 0.2	100	29†	56	4†	30	3.65	+0.12	2.13	0	6	16	14	5	s.	E. E. Cordrey.
Corning	Clay	293	22	79.2	+ 0.4	99	28†	51	4	33	3.10	—0.62	1.15	0	8	14	11	6	s.	Rev. N. E. Skinner.
Dam No. 1.	White	190	1								5.92	.....	2.80	0	5	25	0	6	.....	R. M. Thomas.
Danville	Yell	337	7								3.76	.....	1.98	0	5	21	0	10	w.	C. P. Evans.
Dardanelle	Yell	330	36	82.2	+ 1.3	102	30	52	5	32	3.18	—0.55	1.15	0	5	21	0	10	e.	J. D. Riley
Dodd City	Marion	1175	40	76.8	— 2.5	97	29	51	4†	37	6.35	+2.26	2.76	0	8	13	14	4	s.	Neal Dodd.
Dumas	Desha	162	15	81.4	+ 0.2	99	28†	57	5	30	2.16	—1.68	0.85	0	8	3	27	1	.....	Ben. Johnson.
Dutton	Madison	1590	20	77.3	+ 2.2	100	26	48	5	36	1.76	+0.61	2.25	0	6	12	19	0	s.	J. M. Ricketts.
El Dorado	Union	265	18	81.6	+ 0.3	100	31	58	5	26	1.45	+0.51	1.00	0	5	8	10	13	s.	J. J. Babb.
England	Lonoke	229	15	.....	.....	102[k]	28	65[k]	16	32[k]	.....	.....	.....	.....	.....	.....	6[k]	5[k]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	78.4	+ 0.6	101	31	62	6	33	5.83	+1.47	2.29	0	8	21	7	3	sw.	George W. Nicholas.
Fayetteville	Washington	1451	36	77.9	+ 0.2	98	31	56	5	29	6.[illegible]	+2.49	3.[illegible]	0	4	25	4	2	n.	University of Arkansas.
Fort Smith	Sebastian	481	40	82.6	— 1.6	102	26	61	5	26	2.65	—1.79	1.50	0	4	8	13	10	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	36								2.08	—1.42	1.72	0	2	11	3	17	s.	T. J. Logan.
Georgetown	White	200	9								2.[illegible]	.....	1.65	0	7	21	7	3	c.	Cleve B. H
Grannis	Polk	921	4	78.4	.....	99[g]	31	53	5	32	2.55	.....	1.14	0	6	15	12	4	s.	W. E. McVay.
Gravette	Benton	1250	24	77.6	+ 0.4	99	31	50	1	31	4.12	— 0.71	1.60	0	8	16	11	4	sw.	A. F. Stevens.
Hardy	Sharp	643	25	79.6	+ 0.5	101	24†	52	5	33	2.07	—2.05	0.80	0	7	13	16	2	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	51								4.98	+1.14	2.31	0	9	21	3	7	.	James A. Bennett.
Higden	Cleburne	445	4								4.25		1.50	0	4	25	6	6	sw.	J. A. Ingram.
Hope	Hempstead	377	50	82.6	+ 2.3	103	31	56	5[l]	36	2.84	—1.75	1.16	0	4	16[b]	11[b]	2[b]	s.	N. P. O. Neal.
Hot Springs	Garland	600	29	80.0	— 1.1	98	30†	55	5	29	4.44	—0.10	1.28	0	10	12	9	10	s.	L. M. Mackae.
Huttig	Union		15	82.1	+ 0.3	100	10†	58	5	30	4.29	0.18	1.00	0	7	17	1	13	s.	L. L. Cotlett.
Jonesboro	Craighead	345	27	80.6	+ 0.3	98	24†	56	5	32	7.96	+4.8[illegible]	3.21	0	11	14	11	6	s.	Benedictine Sisters.
Junction‡‡	Union	182	29	80.8	— 0.4	102	31	55	5	30	5.45	1.28	2.20	0	5	21	5	5	w.	J. A. Lowderback.
Little Rock	Pulaski	286	43	80.6	0.0	98	28	61	5	28	2.39	—1.60	1.14	0	8	7	13	11	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	25	80.4	+ 1.2	100	22	58	5	28	2.34	—1.24	0.85	0	6	15	16	0	c.	H. Rainhead.
Magnolia	Columbia	315	4	81.0[a]	.....	98[a]	31	57[a]	5	28[a]	3.94	.....	1.77	0	9	6[a]	11[a]	13[a]	s.	State Agriculture Schoo
Malvern	Hot Springs	277	39	81.6	0.0	103	28	56	5	32	3.74	+0.52	1.23	0	8	12	10	9	s.	Clark Houston.
Mammoth Spring	Fulton	512	17	77.8	0.0	96	24†	53	4†	28	3.30	—0.57	1.05	0	9	18	12	1	s.	W. S. Vincent.
Marianna	Lee	235	13	78.2	— 2.9	93	28†	58	5	22	4.53	.....	2.02	0	6	15	13	5	se.	C. N. Houck.
Marked Tree	Poinsett	229	17	79.2	.....	98	28†	55	4	27	8.9[illegible]	+5.9[illegible]	2.88	0	8	15	13	3	sw.	Charles Walton.
Marshall	Searcy	1083	7	79.5	.....	94	22†	56	5	27	8.39	.....	3.[illegible]	0	5	8	22	1	s.	W. F. Reeves.
Mena	Polk	1208	34	80.6	+ 0.4	104	26	53	5	34	6.99	—3.[illegible]	0.42	0	7	12	10	4	sw.	E. W. St. John.
Morrillton	Conway	347	2	81.3	.....	101	30	57	5	29	2.29		0.88	0	9	15	17	1	s.	J. W. Jackson.
Mountain Home	Baxter	800	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Hatbert.
Mount Ida	Montgomery	730	24	79.9	.....	102	25	48	5	37	2.7[illegible]	1.10	1.13	0	7	7	18	6	sw.	G. A. Whittington.
Murfreesboro	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	2.20	.....	1.60	0	5	9	5	17	.....	Henry A. Davis.
Nail	Newton	2233	29	77.0	+ 1.7	95	29	62	11†	25	7.10	+1.96	2.90	0	6	11	11	6	s.	Charles Paxton.
Newport	Jackson	231	38	81.0	— 0.1	100	28	58	4	29	6.31	+3.82	1.98	0	7	11	13	4	s.	George A. Robinson.
Okay	Polk	1700	7	77.6	.....	98	27	51	5	29	1.44	.....	1.00	0	8	9	18	4	sw.	U. S. Forest Service.
Osceola	Mississippi	240	22	.....	.....	.....	.....	63	11†	.....	7.67	+2.56	2.10	0	6	17	6	14	.....	Steve Ralph Jr.
Ozark	Franklin	377	26	83.1	+ 1.6	102	22†	63	6	29	1.60	—2.16	1.15	0	2	18	6	7	sw.	Isham Barrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	5.33	.....	2.60	0	5	18	0	13	....	W. E. Baker.
Pine Bluff	Jefferson	215	38	81.8	— 0.2	102	28†	57	5	32	1.13	—2.77	0.45	0	8	11	11	6	s.	Miss. Theresa Schen.
Pocahontas	Randolph	300	30	82.2	+ 2.3	95	21†	63	5	23	5.08	0.38	1.80	0	7	3	23	5	s.	Benedictine Sisters.
Portland	Ashley	122	16	81.1	— 0.3	100	28	60	5	31	4.51	+0.26	0.80	0	10	10	17	1	s.	W. E. Edmiston.
Prescott	Nevada	327	40	80.7	— 1.1	99	30†	55	5	29	2.30	—0.94	0.94	0	8	20	6	5	s.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	7.17	+3.09	2.59	0	5	21	1	9	.....	Foote Coleman.
Rison	Cleveland	243	18	81.1	+ 0.8	101	28†	57	5	30	1.91	+1.39	2.37	0	6	4	26	1	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	77.8	+ 1.0	99	31	52	4	30	1.43	+0.03	2.12	0	7	21	7	3	s.	Carl A. Starck.
Searcy	White	236	9	79.7	.....	97	25	57	4†	28	5.36	.....	3.02	0	9	21	4	6	s.	Miss Sarah Cypert.
Springbank ‡‡	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	6.38	+3.38	2.30	0	7	13	13	5	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	81.0	+ 0.3	99	28	57	5	25	2.02	—2.34	0.62	0	8	15	12	4	sw.	H. A. Buerkle.
Subiaco	Logan	1050	25	83.2[a]	+ 2.3	106	31	58	5	31[b]	2.25	— 1.23	0.98	0	4	22	5	4	se.	New Subiaco Abbey.
Texarkana	Miller	332	40	82.6	+ 0.3	103	31	52	5	35	4.44	+1.29	1.90	0	6	18	7	6	s.	H. S. Brashear.
Umphers ‡‡	Yell	2000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service
Waldron	Scott	675	3	.....	.....	.....	.....	.....	.....	.....	2.13	.....	0.66	0	6	6	14	11	nw.	Dr. Cheves. Bevil
Warren	Bradley	206	3	80.9[a]	— 0.9	98[a]	29†	60[a]	5	25[a]	1.70	—1.97	1.00	0	3	12	17	2	w.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	2.10	—0.16	1.70	0	2	17	6	8	.....	Miss Eu[illegible]a M. Schirn
Wynne	Cross	250	14	80.8	+ 0.6	98	29	55	5	30	7.86	+4.38	2.12	0	8	24	0	7	s.	J. M. Larkan.
State Means and Extremes				80.2	+ 0.3	106	31	48	5	37	4.12	+ 0.20	3.75	0	7	14	11	6	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determi section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[e], appearing in table indicate number of days missing: for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Bande La.; Lutherville, R.F.D. No 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for July, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita			.95										.23				.07					.04	T.		T.							1.29
Arkadelphia	....do		.20	1.20	.20										.65	.40											1.65						4.30
Arkansas City	Mississippi	.75		.32	.15								T.	.05	.52	T.			.05	.80				.04					T.				2.68
Batesville	White			2.12	.10			.64					.02	.22						2.02				.02	.74	.06	.08					.37	6.39
Bee Branch	Arkansas		.10	1.00				.95	.15				T.			.20			.25					1.05	.10						1.15	4.95
Bentonville ***	....do		.50						.02		.48	1.43	1.23	.02				T.	.11					T.								3.79
Black Rock	White		.10	3.00	.54				.98	.25				.05					.03	.38				T.	1.15	.14							6.62
Booneville	Arkansas		.50	.78				.14				.49				.02				.06			.19							.01			2.19
Brinkley	White			.18	2.24				1.15											.03				.60	.54	.28							5.02
Calico Rock	....do		T.	1.50					.37	.72		.23	.11	.06						.51				T.			.05				.06		3.61
Camden	Ouachita	2.00		1.53	.38										.18	.17		.01		.68						1.45							6.40
Clarendon	White		.23	T.	1.26				.22						.18				.05	.28				.28	.47								2.97
Clinton	....do		.23	.80				.90				.10				.10		.15													.50		2.78
Conway	Arkansas			2.13				.69					.17	.06					.57					.03									3.65
Corning	White	1.00	.07	1.15					.40				.15												.11		.07		.15				3.10
Dam No. 1	....do			2.80				.57											.55							.25				1.75		5.92
Danville	Arkansas			.68	.10				1.98				.36				.64																3.76
Dardanelle	....do			.75					1.15				.85	.05												.40							3.18
Dodd City	White	.45	.20						2.76			2.02	.32							.26						.90				.04			6.95
Dumas	Arkansas		.36	.85									T.		.12		.05	.04	.60	T.				T.	T.				T.	.05		.09	2.16
Dutton	White			1.32				.62				2.25	.11						T.											.44	.02		4.76
El Dorado	Ouachita	1.99	T.	1.30	.20												T.			.45						.60	T.						4.45
England	Arkansas													.31	.03	.07		.11	.78				.05							.15	.64		
Eureka Springs	White		.67	.21					.15		.12	2.29	1.64						.57							.18							5.83
Fayetteville	....do		.57	1.00						T.		3.75	1.30																				6.62
Fort Smith ***	Arkansas		.38				T.	T.				1.40	.26						T.			T.		T.	T.	.01						2.05
Fulton	Red			1.72	T.																T.					.36	T					2.08
Georgetown	White			1.05	.45									.39						.06				.08	.33	.09						2.45
Gillett	....do																																
Grannis	Red	T.	.15	.19			T.	T.			T.	T.	T.	T.					.06	1.44						.31	.40						2.55
Gravette	White		.20	.10				.16		.24	1.60	1.48							.18				T.								.10	4.12
Hardy	....do		.10	.80				.70	.10				.05													.12	.20					2.07
Harrison	....do																																
Helena	Mississippi			.24	1.34				T.						.54				.11	2.34					.10	.10	.06					.12	4.98
Higden	White		.08	1.42				1.35					T.						1.40														4.25
Hope	Red		.77	1.66										.09				T	T				T.		.32							2.84
Hot Springs	Ouachita		.09	.71										1.28	.52	.11			.71	.02	.91		.01		.08					T.	T.	4.44
Huttig	....do		.50	1.00									.84	.15		1.00			.50			.30										4.29
Jonesboro	White		.05	3.19				.08	.13				.47	.17					.45	.84				T.	.10	2.33						.15	7.96
Junction	Ouachita			2.05									.38	.40	2.20	.42				T.			T.				T.						5.45
Little Rock ***	Arkansas		.04	.32				.49					T.		.02	T.		.26	1.06				T.	.17		.03							2.29
Lumberville	....do	.05		.65								.85	.25		.22															.32			2.34
Magnolia	Red		.45	1.77										.07	T.		.30	.15	.25						.40	.40		.15				3.94
Malvern	Ouachita			1.00	.15				.10						.18				.54	.52		.02			T.		1.23						3.74
Mammoth Spring	White	.30	.31	1.05					.31			.21			.08				.17						.57	.30							3.30
Marianna	Mississippi			1.63				.12	.17					.50									.09			2.02							4.53
Marked Tree	St. Francis			.50	.93				2.88	1.01					.45											.63	2.67		.03				8.90
Marshall	White		T.	3.10				3.30				.65	.62			T.											.63				T.		8.30
Mena	Ouachita	T.		.42					.12				.03	.07	.08					T.									.20	.04			0.96
Morrilton	Arkansas	.03	.38	.88				.44	.15									.11	.05							.05				.25			2.29
Mountain Home	White																																
Mount Ida	Ouachita		.18	.23				.21						1.13												.61	.12					.21	2.72
Murfreesboro	....do	.34		1.66																		.52					.27	.47					3.20
Nail	White		2.08	1.50				.45	T.			2.05	.95			.15			T.				T.										7.10
Newport	....do			1.98	1.22				.52										12	1.19					.04	1.84							6.91
Oak	Arkansas			1.66				.65				.30	.21		.84				.16							.50					.18		4.44
Osceola	Mississippi			2.10	1.05				.91	1.13				1.05	T.				T.						.83								7.07
Ozark	....do			1.45																										T.	.15		1.60
Patterson	White			2.68	.32				1.28															.88		.95							5.43
Pine Bluff	Arkansas			.01	.07	.18			.05							.20	T.		T.	.01	.15					T.					.16	T	1.13
Pocahontas	White	.50	1.70	.70			.15	.20				.03													1.80								5.08
Portland	Ouachita		.40	.80	.78									.58	.15		.45	.07		.45	.27									.56			4.51
Prescott	....do		.05	.95	.11				.03							T.	.22			.15					T.	.76	.04						2.50
Princeton	Ouachita			1.20											2.59	1.50					.30					1.58							7.17
Rison	....do			.70														2.37	.15		.16			T.						1.00		.23	4.91
Rogers	Arkansas		.47	.61					.02		.03	2.12	1.12						.06															4.43
Searcy	White		.56	3.02				.15	.50				T.						.28				.10		.30	.15				.30			5.56
Springbank	Red			2.30	.55																.60	.60		T.	T.	.44	.43		1.46				6.38
Stuttgart	Arkansas	.08	T.	.48				.62							.07			T.	.13					.19		.25					.20		2.62
Subiaco	....do		T.	.98				.62				.40	T.													T.				.25			2.25
Texarkana	Red			1.90	.27									T.	T.				.30	.10						.99	.88						4.44
Thornton	Arkansas																																
Valdeman	....do		.02	.43				.66				.27		.47		T.			T.				T.		T.							.28	2.13
Warren	Ouachita		T.	1.00										.25		T.			.45		T.						T.						1.70
Watershffs	Red			1.70											T.														.40				2.10
Wynne	St. Francis			2.12	1.10				1.40	.78				.20	.28											.18	1.50						7.88

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. † Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for July, 1922.

Stations.	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.1	8.1	8.4	8.5	9.2	11.3	12.0	11.7	10.5	8.9	7.5	8.3	11.5	16.4	18.4	19.5	18.7	18.5	17.1	16.2	15.7	15.1	15.7	14.5	14.7	12.0	9.1	7.8	7.8	7.2	7.0
Bardanelle	....do	20	3.9	3.8	5.0	5.7	5.3	6.4	8.5	10.0	9.5	9.0	7.8	6.9	6.7	9.6	13.1	16.0	16.9	16.3	16.0	15.0	14.0	13.7	13.0	13.4	12.7	11.8	10.6	8.6	6.8	6.0	5.8
Little Rock	....do	23	2.9	1.9	1.8	2.9	4.5	4.7	4.8	6.7	9.0	8.5	7.8	7.3	6.3	5.6	6.3	13.1	16.0	17.1	16.9	16.3	15.2	14.0	13.6	12.7	12.9	12.3	11.3	10.1	8.6	6.4	5.4
Pine Bluff	....do	25	6.7	6.6	6.6	6.5	7.2	8.6	8.7	8.9	10.9	12.8	13.0	12.2	11.3	10.2	9.7	11.9	16.9	18.9	19.6	19.4	19.0	18.0	17.4	16.9	16.4	16.4	15.7	14.9	14.0	12.2	10.5
Black Rock	Black	14	3.4	3.4	5.4	6.0	5.0	4.6	3.8	4.0	5.0	4.8	4.8	4.5	4.1	3.9	3.7	3.7	3.5	3.5	3.5	3.3	3.0	2.8	2.8	2.6	4.5	4.0	3.8	3.8	3.8	3.6	3.5
Cache	White	18	0.2	0.4	0.8	1.6	1.0	0.6	0.7	0.6	1.9	1.2	0.8	1.3	1.2	1.4	2.0	2.1	1.5	2.0	1.6	1.1	1.0	0.9	0.8	0.5	0.4	0.3	0.3	0.9	0.8	1.3	1.2
Batesville	....do	23	5.4	5.5	7.2	6.4	6.8	6.4	6.0	6.0	6.2	7.4	6.4	6.0	6.5	6.5	6.7	7.3	7.2	6.9	7.8	6.9	6.2	6.0	6.0	6.0	5.8	5.5	5.4	5.3	5.8	5.9	6.1
Newport	....do	26	3.6	3.5	3.5	3.5	3.5	3.7	3.8	3.9	3.8	3.6	3.5	3.6	3.5	3.6	3.3	3.5	3.5	3.3	3.4	3.4	3.6	3.7	3.6	3.6	3.8	3.8	3.7	3.7	3.6	3.5	3.5
Georgetown	....do	22	2.0	2.0	2.1	2.8	3.8	4.5	4.9	5.0	4.8	4.3	4.1	4.1	4.1	3.7	3.3	3.0	2.8	2.6	2.6	2.6	2.8	3.0	2.8	2.4	2.0	1.8	1.6	1.6	1.5	1.4	1.3
Clarendon	....do	30	9.8	9.8	9.7	9.8	10.1	10.9	11.7	12.2	12.3	12.1	11.8	11.7	11.9	11.9	11.7	11.4	11.1	10.8	10.8	10.8	10.9	11.2	11.5	11.4	11.1	10.7	10.3	10.0	10.1	10.0	9.8
Helena	Mississippi	42	19.2	18.6	18.0	17.8	17.7	17.8	18.0	18.1	18.4	18.8	19.0	19.2	19.6	20.0	20.2	19.9	19.4	19.2	20.2	21.4	21.9	21.6	21.0	20.6	20.1	20.2	19.8	19.3	18.6	18.1	17.6
Arkansas City	....do	42	23.5	23.1	22.7	22.0	21.3	20.9	21.0	21.4	21.7	22.0	22.6	23.5	24.1	24.4	24.5	24.5	24.3	24.7	25.5	26.7	27.8	28.5	28.6	28.4	28.0	27.6	27.2	27.0	26.5	25.2	24.0
Camden	Ouachita	49	7.9	8.3	8.9	8.4	9.0	9.5	8.3	8.1	7.4	7.1	6.9	6.8	6.5	6.3	6.3	6.1	6.7	7.3	7.3	7.1	7.0	6.5	6.7	6.6	6.6	6.6	6.7	6.7	6.8	6.6	6.4
Danville	Petit Jean	20	1.1	1.0	1.4	1.6	1.3	1.1	1.0	2.4	4.1	3.2	2.2	2.1	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.4	1.2	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8
Fulton	Red	28	10.2	9.6	9.6	9.7	9.6	9.3	8.9	8.8	8.9	9.2	9.6	9.6	9.4	9.4	9.9	9.8	9.4	11.3	12.4	11.9	11.2	10.1	9.7	9.1	8.7	8.4	8.1	8.3	8.2	8.2	8.2
Arkadelphia	Ouachita	18	1.0	0.5	0.7	1.1	1.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
Patterson	Cache	9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.5	3.3	3.3	3.3	3.2

Daily Temperatures for July, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	89	82	83	84	90	90	91	90	100	102	90	88	91	92	96	96	91	94	92	92	95	92	97	97	96	100	101	99	101	104	98	93.9
	Minimum	66	70	71	56	53	54	58	58	74	74	70	71	69	70	69	66	67	67	65	66	72	72	74	68	68	68	65	69	69	69	70	67.0
Batesville §§	Maximum	94	94	77	81	83	85	89	88	90	90	80	85	88	90	92	90	93	84	87	88	89	99	92	95	91	94	96	96	99	94	95	89.9
	Minimum	73	75	70	54	54	57	64	70	72	77	78	70	68	68	69	68	69	71	68	64	66	63	69	72	70	72	72	71	72	74	70	68.7
Bee Branch	Maximum	97	96	86	84	88	93	93	89	94	95	93	88	85	85	84	94	98	97	88	94	87	97	96	97	97	97	100	99	103	100	99	93.3
	Minimum	67	70	66	55	53	56	69	67	70	72	72	68	65	66	68	65	67	68	68	64	65	67	72	70	68	67	70	71	71	71	68	67.0
Bentonville	Maximum	90	79	77	79	83	87	78	89	90	87	79	77	85	86	89	89	90	82	88	86	90	95	91	94	92	94	93	95	95	95	95	87.7
	Minimum	68	68	58	53	57	60	63	63	75	70	65	65	64	65	66	67	68	69	64	66	68	73	74	73	71	70	70	72	73	71	71	67.1
Booneville	Maximum	96	93	82	83	84	92	89	91	92	89	85	83	82	90	90	92	95	95	93	94	93	105	92	97	99	102	104	103	102	102	104	93.3
	Minimum	74	71	65	59	62	65	71	68	74	70	66	71	67	69	69	71	73	74	67	71	73	74	78	77	77	73	74	76	75	76	74	71.1
Brinkley	Maximum	95	93	83	83	86	88	86	92	91	95	93	91	89	90	93	94	91	89	89	93	94	96	87	93	95	97	98	99	100	95	98	92.1
	Minimum	74	74	71	59	60	58	68	68	74	69	77	74	71	70	70	67	71	70	70	67	65	72	73	72	69	69	75	77	74	74	74	70.2
Calico Rock §§	Maximum	95	96	79	82	86	90	88	87	91	94	81	84	88	90	92	92	94	87	89	91	90	93	89	98	96	97	99	100	102	96	99	91.5
	Minimum	69	72	69	55	56	57	61	71	70	76	69	66	65	66	71	69	70	71	70	66	65	65	72	70	72	72	71	71	70	72	69	68.0
Camden §§	Maximum	91	86	78	81	84	87	89	91	91	92	90	90	87	91	89	89	91	92	90	90	91	92	88	88	93	89	95	96	94	94	98	89.9
	Minimum	68	71	69	61	56	60	66	73	73	73	75	74	70	71	69	69	71	71	70	68	70	71	74	73	74	68	68	71	75	73	75	70.0
Conway	Maximum	94	94	79	82	83	88	89	90	90	91	86	88	89	90	90	91	92	89	88	90	90	95	90	94	93	96	96	98	100	100	98	91.1
	Minimum	72	73	69	56	56	58	71	69	74	75	75	71	67	70	72	68	71	71	68	71	69	70	77	72	72	70	70	72	72	73	72	69.9
Corning	Maximum	86	92	74	81	84	87	88	82	90	90	86	84	90	88	91	92	93	87	91	92	92	95	91	97	92	96	98	99	99	93	98	90.3
	Minimum	70	72	65	51	53	55	69	70	71	74	77	70	67	67	66	67	69	72	68	66	68	65	76	68	69	72	70	72	71	74	65	68.0
Dardanelle	Maximum	98	98	96	83	84	85	91	91	91	93	91	92	82	85	89	89	90	93	88	91	90	89	100	95	93	96	98	99	100	102	100	92.5
	Minimum	72	75	70	60	52	62	75	70	70	76	77	72	68	68	68	72	72	74	70	74	74	74	80	76	74	75	73	76	76	75	75	71.8
Dodd City	Maximum	92	84	79	82	85	88	87	79	89	91	84	78	85	81	88	89	88	81	86	86	87	95	94	93	94	94	92	96	97	85	89	87.8
	Minimum	69	68	66	51	51	51	74	67	68	71	66	65	62	62	64	67	66	69	65	60	64	69	72	69	69	67	67	70	70	71	69	65.8
Dumas	Maximum	93	92	80	78	78	89	92	94	93	96	95	92	90	94	90	80	93	92	85	92	93	96	93	95	96	94	95	99	99	96	96	91.7
	Minimum	70	72	70	60	57	59	68	76	74	74	75	73	69	72	72	68	70	73	72	70	69	73	77	75	72	75	72	75	72	73	74	71.0
Dutton	Maximum	92	94	81	88	84	89	89	88	91	94	88	85	85	88	88	88	91	85	88	87	89	94	97	92	95	100	95	97	95	95	96	90.7
	Minimum	67	65	64	56	48	54	70	64	71	70	61	64	58	60	61	62	62	65	59	60	64	70	70	69	68	66	61	65	65	68	65	63.9
El Dorado	Maximum	92	88	81	82	81	89	92	92	94	91	93	89	90	89	92	91	89	93	91	92	92	94	94	95	96	91	96	98	96	97	100	91.7
	Minimum	70	72	70	61	58	63	71	75	73	75	75	75	70	70	69	69	71	72	72	70	71	72	76	74	76	68	71	76	76	75	76	71.4
Eureka Springs	Maximum	93	82	83	84	85	89	84	89	92	90	86	80	87	89	92	89	92	85	87	89	88	94	91	92	95	97	96	98	96	96	101	90.0
	Minimum	69	68	63	53	55	62	72	64	74	73	63	63	63	63	64	66	66	67	63	65	66	71	76	71	73	67	69	71	72	73	68	66.8
Fayetteville	Maximum	90	90	78	81	80	84	83	86	88	90	85	78	83	86	85	86	89	81	86	89	87	91	91	90	92	97	94	96	95	95	98	88.0
	Minimum	65	67	65	57	56	60	68	72	73	73	63	64	63	65	65	67	67	70	64	69	69	75	76	75	75	71	65	69	71	73	69	67.8
Fort Smith	Maximum	93	88	84	83	87	91	86	92	93	93	85	81	87	89	90	92	93	89	89	93	95	98	93	96	95	102	100	100	98	98	101	92.1
	Minimum	75	72	70	63	61	65	76	73	77	78	67	69	71	71	72	73	72	74	70	72	72	77	78	77	78	76	75	75	77	77	76	72.0
Grannis	Maximum	90	85	82	83	83	88	89	90	90	93	....	....	85	90	90	....	....	....	90	90	....	....	86	92	94	93	94	93	93	96	[illegible]	89.9
	Minimum	68	68	66	56	53	56	69	68	71	68	70	65	68	65	68	65	67	70	61	61	69	72	71	68	68	68	68	72	71	68	70	67.0
Gravette	Maximum	90	83	78	81	83	87	81	89	91	88	83	76	83	87	90	89	90	84	87	87	90	93	90	93	91	95	94	96	94	96	99	86.6
	Minimum	62	69	58	50	54	59	71	59	74	70	63	64	62	61	61	66	68	63	64	77	69	74	77	70	73	68	69	71	70	71	71	66.5
Hardy	Maximum	93	93	79	81	85	87	89	83	90	92	85	87	85	88	95	94	96	89	90	92	90	96	97	101	95	96	99	99	101	97	101	91.8
	Minimum	72	70	69	53	52	54	73	68	72	72	74	67	65	69	67	66	68	70	70	62	60	6	72	71	68	70	71	71	71	72	68	67.4
Hope	Maximum	96	92	86	80	85	92	94	96	97	98	96	94	94	93	93	93	93	92	94	98	93	96	91	96	100	97	96	98	99	100	103	93.4
	Minimum	70	70	70	62	56	56	72	75	74	73	74	72	72	69	71	69	72	72	68	72	74	75	77	75	68	68	70	73	74	75	75	70.7
Hot Springs	Maximum	92	92	81	83	84	88	90	90	91	93	88	88	85	85	90	89	90	88	91	90	88	94	90	90	93	94	96	97	97	98	98	90.4
	Minimum	70	71	70	58	55	60	68	70	73	75	74	72	68	69	69	67	70	71	65	65	70	72	76	74	73	68	70	72	70	72	73	69.5
Huttig	Maximum	94	92	80	83	87	91	92	95	95	100	96	91	90	91	90	91	91	94	92	92	94	94	94	94	95	97	98	99	98	98	100	93.3
	Minimum	70	71	68	63	58	61	68	75	73	80	75	72	70	70	70	70	70	72	70	69	71	71	76	72	76	70	70	75	73	71	71	70.9
Jonesboro	Maximum	96	95	76	89	83	88	92	88	92	94	88	83	85	90	87	93	96	86	88	88	90	94	91	98	92	92	91	98	98	92	94	90.8
	Minimum	73	74	66	57	56	59	71	70	73	75	77	72	70	70	71	69	71	73	69	67	62	67	77	71	68	74	74	75	76	75	[illegible]	70.3
Junction	Maximum	93	90	85	82	84	86	93	94	97	97	98	90	91	85	91	89	91	94	93	95	92	95	94	93	94	94	99	100	99	98	102	92.8
	Minimum	68	66	64	57	55	56	66	72	75	74	73	72	68	67	68	69	70	72	71	70	69	68	72	71	68	70	69	72	74	73	72	68.7
Little Rock	Maximum	90	89	76	81	83	86	87	88	90	92	86	86	87	86	91	91	91	88	85	88	90	92	82	92	92	91	96	98	96	94	96	89.9
	Minimum	71	72	68	63	61	61	70	70	75	75	76	75	72	74	73	69	73	70	70	72	73	74	71	74	72	71	73	78	75	76	77	71.9
Lutherville	Maximum	93	90	87	83	82	88	87	89	91	94	85	80	83	90	89	89	92	85	94	91	88	100	91	95	96	99	98	99	95	98	97	90.8
	Minimum	68	71	69	59	58	60	70	69	74	74	66	67	66	69	70	70	70	72	69	71	71	72	75	75	71	72	72	76	75	75	75	69.9
Magnolia	Maximum	92	87	82	80	85	88	92	92	91	92	90	91	91	92	....	90	92	91	90	92	92	92	91	92	96	91	94	95	94	95	98	91.0
	Minimum	71	73	70	63	57	62	72	70	73	75	75	75	70	71	....	69	71	72	72	68	69	74	75	75	70	70	70	75	74	74	77	70.9
Malvern	Maximum	92	92	87	85	87	89	90	91	93	95	94	90	88	87	95	93	94	90	92	94	93	94	88	93	95	92	99	103	97	100	102	92.7
	Minimum	71	72	70	59	56	59	62	72	72	75	76	75	73	71	70	69	72	72	69	70	73	71	75	73	74	69	69	71	71	73	75	70.1
Mammoth Spring	Maximum	93	91	76	81	81	81	85	81	88	89	86	84	87	86	86	86	90	90	85	81	88	96	92	96	90	96	95	96	95	99	97	[illegible]
	Minimum	70	69	67	53	53	55	73	68	70	74	72	65	65	70	69	66	68	65	69	62	61	65	70	70	69	71	72	71	72	72	66	[illegible]
Marianna	Maximum	89	89	71	79	79	82	82	86	87	88	88	87	83	81	88	85	82	82	81	84	[illegible]	87	88	[illegible]	[illegible]	[illegible]	[illegible]	93	95	89	89	[illegible]
	Minimum	76	70	70	59	58	60	70	70	72	74	77	75	71	70	72	71	70	73	70	67	65	68	71	74	70	71	77	76	75	76	71	[illegible]
Marked Tree §§	Maximum	92	81	71	75	80	86	82	88	89	88	86	84	90	90	91	89	95	84	88	89	89	92	88	94	93	94	96	98	98	95	89	[illegible]
	Minimum	72	79	71	55	60	65	65	72	70	70	73	74	72	72	70	65	71	71	72	66	62	65	72	72	70	73	74	71	75	77	68	[illegible]
Marshall	Maximum	92	92	84	78	83	86	85	87	88	91	87	83	87	86	85	91	91	91	85	84	88	93	87	95	91	92	94	93	94	93	[illegible]	[illegible]
	Minimum	74	75	65	57	56	64	71	69	75	75	72	68	66	68	69	71	72	71	71	66	72	73	78	76	72	70	72	73	74	77	72	[illegible]
Mena	Maximum	92	88	92	85	86	88	88	90	91	93	85	86	83	88	93	92	95	92	92	95	95	101	91	96	100	101	98	100	95	102	102	[illegible]
	Minimum	70	70	69	60	53	57	71	68	72	72	69	72	68	65	66	66	67	72	68	65	70	73	77	72	70	76	70	69	72	72	75	[illegible]
Morrillton	Maximum	93	92	81	84	84	86	87	89	97	90	96	88	91	91	92	90	95	89	90	89	91	90	92	94	97	100	98	100	100	101	97	[illegible]
	Minimum	71	72	70	61	57	60	72	69	75	76	74	72	68	72	71	69	68	70	68	69	71	71	71	73	73	71	71	74	73	75	73	[illegible]
Mount Ida	Maximum	92	92	83	83	85	89	91	91	91	93	88	89	87	91	92	92	95	95	93	95	91	91	91	94	102	96	97	98	98	99	101	[illegible]
	Minimum	69	69	70	51	48	52	72	67	72	74	74	72	67	68	70	66	69	68	64	66	67	70	72	69	69	67	66	68	67	70	70	[illegible]
Nail	Maximum	87	84	74	75	77	79	80	82	82	85	78	79	85	87	87	87	85	80	81	82	82	90	89	90	93	94	94	93	95	94	94	[illegible]
	Minimum	69	71	69	65	66	71	69	66	69	69	62	64	63	69	63	67	67	69	67	68	69	69	68	71	69	70	79	75	74	79	71	[illegible]
Newport	Maximum	93	94	85	85	86	89	87	90	91	92	87	84	92	91	91	92	92	86	87	90	85	95	89	99	92	96	96	100	98	94	99	[illegible]
	Minimum	72	74	66	58	59	60	71	70	75	76	77	72	70	72	72	69	71	72	69	66	68	68	77	74	69	72	75	76	77	75	[illegible]	[illegible]
Okay	Maximum	89	90	89	79	78	82	85	84	85	86	79	79	85	88	86	85	91	84	87	86	90	93	85	92	95	91	98	95	95	96	94	[illegible]
	Minimum	70	70	65	56	51	56	56	56	72	72	65	72	73	73	68	77	77	77	67	65	65	67	67	67	67	69	70	70	70	70	70	[illegible]
Osceola	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	63	63	69	74	63	69	66	67	67	69	73	73	68	69	69	69	69	70	68	68	61	67	75	74	68	72	72	71	73	73	70	[illegible]
Ozark	Maximum	95	90	84	85	86	90	87	91	93	95	91	87	83	91	92	91	95	97	92	94	97	102	98	96	98	99	101	102	101	100	98	[illegible]
	Minimum	73	73	70	78	76	63	75	71	74	76	73	68	68	69	69	71	70	85	69	71	70	75	77	75	[illegible]	74	74	72	74	74	[illegible]	[illegible]
Pine Bluff	Maximum	94	91	80	85	87	90	92	92	94	91	91	92	90	92	92	92	94	94	93	91	94	95	92	[illegible]	95	97	100	102	100	98	[illegible]	[illegible]
	Minimum	70	72	71	61	57	58	70	75	73	75	75	71	70	70	71	67	69	70	69	70	70	71	77	73	72	68	70	75	73	74	71	[illegible]
Pocahontas	Maximum	95	89	74	79	85	85	87	83	89	91	89	85	87	87	91	93	93	87	91	91	93	94	90	98	91	95	95	98	98	95	97	[illegible]
	Minimum	77	73	72	65	63	65	75	75	77	80	81	75	75	76	75	72	74	75	75	71	70	71	80	76	71	78	79	77	77	78	74	[illegible]
Portland	Maximum	93	92	81	80	85	90	93	94	95	95	95	95	88	91	91	90	90	93	88	90	95	94	89	94	90	93	98	100	95	96	[illegible]	[illegible]
	Minimum	71	71	70	63	60	62	68	63	70	73	73	73	69	70	70	69	71	72	71	68	71	71	75	73	75	69	72	74	71	75	75	[illegible]
Prescott	Maximum	91	90	79	81	84	89	92	92	93	93	89	90	90	90	90	90	92	91	89	93	92	95	90	93	98	92	97	97	96	99	99	[illegible]
	Minimum	69	70	70	61	55	60	71	71	71	73	73	74	71	70	70	67	70	72	69	67	75	72	75	73	69	68	68	74	72	72	75	[illegible]
Rison	Maximum	93	92	79	82	84	90	92	93	93	94	92	95	89	96	93	94	95	94	91	90	93	93	89	93	93	94	98	101	99	98	101	[illegible]
	Minimum	69	69	69	59	57	60	68	74	72	73	74	73	69	72	67	67	68	70	70	69	70	72	75	73	71	67	68	72	70	73	74	[illegible]
Rogers	Maximum	93	81	79	79	83	85	83	88	90	89	84	77	84	87	89	90	92	85	87	87	87	97	94	92	92	96	91	96	97	98	99	[illegible]
	Minimum	66	70	65	52	53	57	72	69	70	74	65	64	63	63	63	65	65	65	64	65	67	73	75	72	72	66	69	75	69	70	69	[illegible]
Searcy	Maximum	93	96	76	80	82	87	87	88	90	91	84	85	91	90	90	91	92	82	87	89	89	94	87	93	97	94	95	95	96	91	93	[illegible]
	Minimum	70	72	68	57	57	59	68	69	74	74	76	71	65	71	72	76	71	70	69	67	66	68	76	76	69	71	74	74	74	73	73	[illegible]
Stuttgart	Maximum	91	90	78	79	82	86	91	90	90	91	89	91	89	90	91	90	92	88	90	90	91	94	89	95	93	96	98	99	98	96	97	[illegible]
	Minimum	70	72	70	59	57	63	68	70	74	73	75	73	71	71	74	70	76	70	71	69	69	77	76	76	69	74	74	80	73	73	74	[illegible]
Subiaco	Maximum	99	96	85	84	88	94	89	92	94	97	89	85	87	94	94	91	98	92	97	96	96	106	96	102	102	104	104	105	105	103	106	[illegible]
	Minimum	72	74	70	59	58	60	....	69	75	75	67	70	67	69	69	69	70	73	68	71	72	75	....	74	74	74	72	76	76	76	74	[illegible]
Texarkana	Maximum	92	90	85	85	87	89	92	93	92	92	93	93	93	95	93	91	97	97	95	92	92	94	94	94	98	91	99	98	94	100	103	[illegible]
	Minimum	72	73	70	63	52	67	73	75	73	75	74	74	73	73	71	72	72	73	72	69	75	75	74	74	75	70	69	75	75	75	76	[illegible]
Warren	Maximum	90	88	80	....	82	88	90	91	92	93	90	86	85	88	88	87	90	91	89	88	91	92	90	91	92	92	96	95	98	91	98	[illegible]
	Minimum	71	73	61	....	60	63	70	71	74	71	71	74	73	73	69	70	71	73	73	71	72	74	77	75	75	70	73	76	73	76	78	[illegible]
Wynne	Maximum	93	95	88	82	85	88	88	90	92	93	87	86	89	90	92	91	92	91	90	90	92	94	90	94	93	95	97	97	98	92	95	[illegible]
	Minimum	72	73	69	56	55	60	71	69	74	75	77	75	72	70	72	69	72	72	70	65	63	70	73	74	69	71	76	74	75	74	73	[illegible]

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SEP 27 1922

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

L. XXVII. LITTLE ROCK, Ark., AUGUST, 1922. No. 8.

GENERAL SUMMARY.

The outstanding characteristic of the weather in Arkansas ring the month of August was the deficiency in precipitation. e average for the State was 1.90 inches which is, with two ceptions, 1909 and 1913, the driest August experienced since te wide records have been kept. Temperatures were above rmal over the greater portion of the State, but no record break- extremes were recorded. A temperature of 100° or higher s recorded 17 days during the month at Ozark, Franklin unty, and with a monthly mean of 84.2°, 2.6° above normal, ark was the hottest station in the State.

The month was generally unfavorable for growing crops, be- too dry except in a few favored localities. Despite the hot y weather boll weevil activities continued, doing serious dam- e throughout the cotton growing sections of the State. Con- derable cotton was open at the close of the month and picking d begun. Late corn was injured by the dry weather, especially the uplands. All other crops were needing rain badly at the se of the month.

There were 18 clear days, 8 partly cloudy, and 5 cloudy, the mber of clear being above and the others below normal. Sun- ine averaged about 75% of the possible. The prevailing wind s from the south, averaging about 6 miles per hour. The max- mum velocity recorded during the month was at Fort Smith, miles per hour from the northwest on the 26th.

W. C. H.

TEMPERATURE.

The mean temperature for the month of August, as determin- l from the records of 56 stations, was 80 4° which is 1° above ormal. Monthly means were somewhat below normal through- ut the counties drained by the St Francis River, but in other ctions of the State, practically all stations showed positive de- artures. The highest monthly mean was 84.2 ° at Ozark, the west, 75.7° at Dutton. The highest temperature recorded dur- g the month was 111° at Hope on the 23d, the lowest, 51° Dutton on the 27th and 28th. The greatest daily range was 2° at Mammoth Spring on the 26th.

PRECIPITATION.

The average precipitation, as determined from the records of 2 stations, was 1.90 inches which is about 50% of the normal. he geographical distribution was very irregular with all stations xcept three showing negative departures. Monthly totals ranged om 8.43 inches at Marked Tree to 0.21 inch at Wynne, these tations being within about 30 miles of each other. The greatest mount measured in 24 consecutive hours was 7.63 inches at Marked Tree on the 23d. The average number of rainy days as 5.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	29.99	30.16	1	29.73	24	3,071	18	s.	31	.....	.....	71
Fort Smith...	29.95	30.12	27	29.77	24	4,536	35	nw.	26	77	51	77
Little Rock..	29.97	30.14	15	29.81	25	4,693	29	w.	7	82	55	75
Memphis....	30.02	30.19	15	29.83	25	4,464	27	sw.	25	76	61	76

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 5; 2d, 5; 3rd, 10; 4th, 2; 6th, 1; 7th, 12; 12th, 1; 13th, 1; 14th, 5; 15th, 4; 16th, 8; 17th, 7; 18th, 8; 19th, 5; 20th, 2; 21st, 1; 22d, 4; 23d, 1; 25th, 3; 26th, 11; 29th, 1; 31st, 1.

Dense Fog:— 19th, 1.

Lunar Halos:— 6th, 1; 9th, 1; 30th, 1; 31st, 1.

Solar Halos:— 25th, 1.

COMPARATIVE DATA FOR ARKANSAS---- AUGUST.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Normal**	*79.4*		*107*	*48*	*3.83*		*15*	*10*	*6*	*7*
1891.....	76.4	−3.0	108	39	2.75	−1.08	21	8	2	5
1892.....	78.3	−1.1	106	40	4.39	+0.56	13	11	7	9
1893.....	77.3	−2.1	102	48	3.08	−0.75	18	9	4	5
1894.....	78.1	−1.3	104	48	4.63	+0.80	12	11	8	8
1895.....	79.4	0.0	102	55	2.64	−1.19	18	9	4	4
1896.....	82.6	+3.2	112	48	2.32	−1.51	17	9	5	5
1897.....	79.6	+0.2	111	45	2.59	−1.24	17	10	4	5
1898.....	79.4	0.0	108	54	4.35	+0.52	13	13	5	7
1899.....	82.2	+2.8	112	54	2.04	−1.79	19	9	3	4
1900.....	81.1	+1.7	108	57	2.95	−0.88	16	12	3	5
1901.....	80.5	+1.1	109	52	2.95	−0.88	14	13	4	6
1902.....	80.7	+1.3	108	51	2.55	−1.28	19	9	3	4
1903.....	78.7	−0.7	105	47	4.34	+0.51	15	12	4	8
1904.....	78.1	−1.3	105	46	2.81	−1.02	16	12	3	6
1905.....	79.1	−0.3	103	51	3.73	−0.10	18	10	3	6
1906.....	77.9	−1.5	100	42	4.92	+1.09	14	10	7	10
1907	82.0	+2.6	113	54	2.92	−0.91	16	10	5	6
1908.....	79.3	−0.1	103	52	4.48	+0.65	15	10	6	8
1909.....	82.4	+3.0	111	47	1.27	−2.56	20	8	3	4
1910.....	79.2	−0.2	104	43	3.92	+0.09	13	12	6	8
1911.....	78.0	−1.4	107	45	8.19	+4.36	11	11	9	12
1912.....	78.7	−0.7	105	45	3.30	−0.53	15	10	6	7
1913.....	82.1	+2.7	107	46	1.62	−2.21	20	10	1	3
1914.....	78.5	−0.9	104	57	6.81	+2.98	8	11	12	12
1915.....	74.7	−4.7	102	40	10.44	+6.61	9	9	13	11
1916.....	81.8	+2.4	107	46	2.63	−1.20	17	9	5	5
1917.....	77.1	−2.3	104	43	4.10	+0.27	16	7	8	8
1918.....	82.9	+3.5	115	52	3.90	+0.07	15	9	7	7
1919.....	80.6	+1.2	113	55	4.29	+0.46	16	8	7	7
1920.....	76.8	−2.6	102	46	4.08	+0.25	13	9	9	8
1921.....	81.5	+2.1	106	56	5.46	+1.63	15	9	7	8
1922.....	80.4	+1.0	111	51	1.90	−1.93	18	8	5	5

* Based on 30 years record.

Climatological Data for August, 1922.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	.....	29	80.1	+ 0.4	102	1†	54	27†	41	3.25	−1.04	1.08	0	5	25	6	0	s.	Albert Dillard.
Arkadelphia	Clark	186	26	.....	.....	.....	.....	.....	.....	.....	1.60	−3.13	0.80	0	3	18	0	13	ne.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	1.22	−2.71	1.05	0	5	22	5	4	s.	Geo. E. Payne.
Batesville	Independence	277	23	78.8	− 0.8	103	24	54	28	38	1.07	−3.24	0.46	0	7	19	3	9	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	30	79.6	+ 0.4	104	25	54	28	41	1.85	−1.92	1.25	0	5	10	16	5	sw.	J. E. Scanlan.
Bentonville	Benton	1303	16	78.6	+ 2.1	102	24	54	9	36	0.78	−3.26	0.23	0	6	22	4	5	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	20	.....	.....	.....	.....	.....	.....	.....	2.70	−1.76	1.94	0	6	20	0	11	.....	Vernon C. Howe.
Booneville	Logan	609	8	83.6	.....	105	24	62	26†	32	1.10	.....	0.62	0	7	15	12	4	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	40	80.6	+ 0.8	100	19	55	28	37	3.70	−0.18	3.22	0	5	23	4	4	s.	H. L. D. Whitson.
Calico Rock	Izard	361	18	80.4	.....	106	24	55	28	37	2.01	−3.62	0.66	0	7	9	22	0	w.	J. M. Richardson.
Camden	Ouachita	158	36	79.8	− 0.5	99	21†	53	28	38	0.86	−2.32	0.30	0	6	14	10	7	s.	A. B. Quarterman.
Clarendon	Monroe	200	18	.....	.....	.....	.....	.....	.....	.....	0.78	−4.20	0.20	0	8	15	6	10	n.	J. W. Bishop.
Conway	Faulkner	309	38	81.2	+ 1.4	104	24	55	28	37	0.35	−3.33	0.18	0	3	18	8	5	s.	E. E. Cordrey.
Corning	Clay	293	22	78 0	− 0.1	100	24	53	10†	39	1.37	−2.13	1.00	0	6	17	9	5	e.	Rev. N. E. Skinner.
Dam No. 1	White	190	1	.....	.....	.....	.....	.....	.....	.....	0.73	.....	0.33	0	3	25	0	6	.....	R. M Thomas.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	2.29	.....	1.60	0	3	22	2	7	.....	C. P. Evans.
Dardanelle	Yell	330	36	82.2	+ 2 7	106	25	61	27†	33	1.94	−1.88	1.00	0	4	25	0	6	e.	J. D. Riley.
Dodd City	Marion	1175	40	77.0	− 0.8	98	24†	52	27	38	1.21	−3.43	0.39	0	7	14	16	1	s.	Neal Dodd.
Dumas	Desha	162	15	80.6	− 0.2	99	22	56	28	36	1.63	−2.20	0 60	0	5	7	22	2	.....	Ben. Johnson.
Dutton	Madison	1590	20	75.7	+ 0.8	99	24†	51	27†	40	3.00	−1.38	0.93	0	7	16	15	0	se.	J. M. Ricketts.
El Dorado	Union	270	18	82.0	+ 1.1	101	20†	59	28	33	3.27	−0.59	1.75	0	8	9	10	12	s.	J. J. Babb.
England	Lonoke	229	15	80.8	+ 0.8	100	19†	55	28	38	0.81	−4.20	0.45	0	6	17	10	4	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	79.5	+ 1.8	102	24	54	27	36	2.28	−2.76	1.79	0	4	16	15	0	sw.	George W. Nicholds.
Fayetteville	Washington	1451	36	79.0	+ 1.8	101	24†	55	28	37	2.54	−1.64	1.58	0	6	21	2	8	ne.	University of Arkansas.
Fort Smith	Sebastian	451	40	83.0	+ 3.6	103	22	62	26	27	1.88	−1.78	1.07	0	4	12	14	5	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	3.06	+0.35	1.05	0	6	20	4	7	e.	I. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	2.78	.....	2.05	0	4	22	4	5	e.	Cleve Bell.
Grannis	Polk	900	4	78.7	.....	97	22†	57	29	33	4.30	...	1.73	0	11	16	12	3	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	78.0	+ 0.8	101	22	52	27	36	1.47	−2.12	0.55	0	6	14	9	8	sw.	A. F. Stevens.
Hardy	Sharp	643	25	79.4[a]	+ 1.0	102[a]	7	54[a]	28	38[a]	2.37	−2.14	1.20	0	4	16[a]	14[a]	0[a]	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	0.81	−2.99	0.20	0	7	20	4	7	.....	James A. Burnett.
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	0.55	.....	0.20	0	5	25	6	0	sw.	J. A. Ingram.
Hope	Hempstead	377	50	82.6[a]	+ 3.1	111[a]	23	56[a]	28	38[a]	2 40	−1.05	0.80	0	6	18[a]	9[a]	3[a]	s.	N. P. O. Neal.
Hot Springs	Garland	600	29	80.2	+ 0.7	99	21†	58	28	33	2.22	−1 61	0.60	0	7	25	1	5	s.	L. M. MacRae.
Huttig	Union	.....	15	81.8	+ 1.0	101	1	58	27	35	1.75	−2.52	1.35	0	2	18	7	6	se.	J. L. Corbett.
Jonesboro	Craighead	345	27	79.6	− 0.1	99	7	58	28	35	2.09	−1.70	1.31	0	6	20	6	5	e.	Benedictine Sisters.
Junction‡‡	Union	182	29	82.1	+ 1.7	103	23	56	28	34	1.20	−2.19	0.81	0	3	21	8	2	w.	J. A. Lowderback.
Lincoln	Washington	1500	1	.....	.....	.....	.....	.....	.....	.....	1.54	.....	0.57	0	5	24	3	4	.....	L. E. Nabers.
Little Rock	Pulaski	286	43	81.5	+ 2.3	98	19	63	28	25	0.83	−2.82	0.29	0	5	15	11	5	e.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	25	81.2	+ 2.7	99	2†	61	27†	30	3.94	−0.51	1.23	0	7	17	11	3	e.	H. Kaufeld.
Magnolia	Columbia	315	4	81.7	.....	100	20†	57	27†	41	1.38	.....	0.50	0	4	8	9	14	s.	State Agricultural School
Malvern	Hot Springs	277	39	82.5	+ 2.9	104	20	57	28	38	1.40	−2.06	0 74	0	3	25	5	1	s.	Clark Houston.
Mammoth Spring	Fulton	512	17	77.5	+ 0.4	103	24	53	30	42	1.63	−2.87	0 92	0	3	17	8	6	nw.	Dell Brown.
Marianna	Lee	235	13	76.8	− 3.9	91	23†	58	28	33	1.07	....	0 36	0	6	13	11	7	se.	C. N. Houck.
Marked Tree	Poinsett	229	17	79.3	.....	98	24	56	10	33	8.45	+4.47	7.63	0	5	21	8	2	sw.	Charles Walton.
Marshall	Searcy	1083	7	78.7	.....	99	24	56	27	28	2.63	.....	1.05	0	8	11	20	0	se.	W. F. Reeves.
Mena	Polk	1208	34	79.6	+ 0.4	101	24	57	28	34	5.21	+0.41	2.75	0	11	12	16	3	e.	E. W. St. John.
Morrillton	Conway	347	2	81.6	.....	101	24	59	27†	35	0.33	....	0.22	0	4	18	10	3	se.	J. W. Jackson.
Mountain Home	Baxter	800	8	78.8	.....	107	24	53	27†	38	0.95	.....	0 65	0	7	25	5	1	sw.	B. S. Harbert.
Mount Ida	Montgomery	730	24	79.4	.....	103	25	52	28	40	2.11	−1.22	0.57	0	6	17	10	4	sw.	G. A. Whittington.
Murfreesboro ††	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	1.57	.....	0 93	0	3	16	6	9	e.	Henry A. Davis.
Nail	Newton	2233	29	77.0[a]	+ 0.4	99[a]	24	56[a]	26	33[a]	2.32	−1.19	1 00	0	8	16[a]	12[a]	2[a]	s.	Charles Paxton.
Newport	Jackson	231	38	81.4	+ 1.8	101	24†	59	27	29	0.75	−2.75	0.39	0	3	20	8	3	s.	George L. Robinson.
Okay	Polk	1700	7	78.2	.....	100	24	57	27	40	0.90	.....	0.35	0	6	15	14	2	se.	U. S. Forest Service.
Osceola	Mississippi	240	22	78.2	− 0.2	100	19	54	10†	41	1.05	−1.94	0.56	0	4	25	0	6	.....	Steve Ralph Jr.
Ozark	Franklin	450	26	84.2	+ 2.6	104	20†	63	9†	35	0.55	−3 36	0.55	0	1	21	4	6	sw.	Isham Burrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	0.33	.....	0.20	0	3	25	0	6	.....	W. E. Baker.
Pine Bluff	Jefferson	215	38	81.5	+ 0.3	100	19	57	28†	37	2.98	−0.22	2 07	0	6	21	5	5	s.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	30	82.1	+ 3.0	99	19†	63	27	29	3.10	−1.25	1.20	0	6	12	13	6	s.	Benedictine Sisters.
Portland	Ashley	122	16	81.4	+ 0.6	99	21†	60	28†	33	3.13	−0.67	0.96	0	6	18	12	1	s.	W. E. Edmiston.
Prescott	Nevada	327	40	81.3	+ 0.2	100	22	57	28	33	1.45	−1.88	1.04	0	8	21	8	2	e.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	0.90	−2.36	0.90	0	1	27	0	4	.....	Foote Coleman.
Rison	Cleveland	243	18	81.8	+ 1.6	103	21†	58	28	39	2.02	−0 92	1.24	0	5	11	20	0	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	31	78.2	+ 0.9	104	24	53	9†	39	1.17	−2.24	0.36	0	7	16	9	6	s.	Carl A. Starck.
Searcy	White	236	9	81.1	.....	105	24	58	28†	40	0.36	.....	0.15	0	3	25	1	5	e.	J. E. Lightle.
Springbank ††	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	3.12	−0.75	1.43	0	7	18	5	8	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	81 8	+ 2.0	101	19†	58	28	32	1.78	−1 81	0.95	0	5	16	15	0	ne.	H. A. Buerkle.
Subiaco	Logan	1050	25	84.0	+ 2.9	110	24	61	27†	35	1.16	−2.85	0.62	0	6	16	13	2	s.	New Subiaco Abbey.
Texarkana	Miller	332	40	82.8	+ 0.8	102	1	60	28	32	4.74	−1.73	2.25	0	8	17	7	7	s.	H. S. Brashear.
Umphers ‡‡	Yell	2000	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Forest Service.
Waldron	Scott	675	4	....	.....	.....	.....	.....	.....	.....	2.43	.....	1.32	0	6	10	12	9	nw.	Dr. Cheves. Bevil.
Warren	Bradley	206	27	81.2	0 0	100	22	59	28	32	1.25	−2.61	1.25	0	1	16	13	2	nw.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	1.88	−1.54	0.80	0	6	18	8	5	.....	Miss Eulola M. Schirm
Wynne	Cross	250	14	79.4	− 0.1	100	25	55	28	36	0.21	−4.21	0.08	0	1	26	0	5	s.	J. M Larkan.
State Means and Extremes				80.4	+ 1.0	111	23	51	27†	42	1.90	−1.93	7.63	0	5	18	8	5	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for August, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita	....	T.	.42	....	....	....	....	.78	....	....	....	....	....	.88	.09	....	1.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.25
kadelphia	.....do	....	.45	....	....	....	....	.80	....	....	....	....	....	.35	....	....	.10	....	....	....	....	....	....	.03	T.	....	....	....	....	....	....	....	1.60
rkansas City	Mississippi	....	....	T.	.02	....	....	....	....	....	....	....	....	....	.02	1.05	....	.10	....	....	....	....	....	.03	T.	....	....	....	....	....	....	....	1.22
tesville	White	....	....	....	....	....	....	....	.46	....	....	....	....	....	....	.12	.06	.10	....	....	....	....	....	.04	....	....	....	.23	....	....	....	.06	1.07
e Branch	Arkansas	10	....	....	....	....	....	1.25	....	....	....	....	....	....	T.	....	....	....	.30	....	....	....	....	....	....	....	.10	....	....	....	....	.10	1.85
ntonville ***	.....do	.18	....	.17	....	....	....	T.	....	....	....	T.	T.	....	T.	....	.10	.09	....	.01	....	....	....	....	....	T.	.23	....	....	....	T.	....	0.78
ack Rock	White	....	....	....	....	....	....	....	1.94	....	....	....	....	....	....	.01	.26	.08	....	....	....	....	....	.26	....	....	....	T.	....	....	....	.15	2.70
oneville	Arkansas	....	....	.62	....	....	....	....	.01	....	....	....	....	....	.04	.01	....	....	.04	....	....	....	.03	....	....	....	.35	....	....	....	....	....	1.10
inkley	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	3.22	....	....	....	.06	....	....	.12	....	....	....	.18	....	....	....	....	3.70
lico Rock	.....do	....	.03	....	....	....	....	....	.35	....	....	....	.05	....	....	.53	.07	.32	....	T.	....	....	....	T.	....	....	....	....	....	....	.66	....	2.01
nden	Ouachita	....	....	.30	.08	....	....	....	.25	....	....	....	....	.01	.21	....	....	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	0.86
arendon	White	....	....	....	.02	....	....	....	.03	....	....	....	....	....	....	.20	.01	.18	....	....	....	....	....	.18	....	....	.07	.09	....	....	....	T.	0.78
nway	Arkansas	....	....	....	....	....	....	.12	....	....	....	....	....	....	.18	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.35
rning	White	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.17	.03	....	T.	....	....	....	1.00	....	....	....	.04	.01	....	....	....	.12	1.37
m No. 1	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.33	0.73
nville	Arkansas	T.	....	1.60	....	....	....	....	....	60	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	2.29
rdanelle	.....do	....	....	1.00	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	....	....	....	.31	....	....	....	....	1.94
dd City	White	.39	....	....	....	....	....	....	....	....	....	.05	....	....	.22	T.	.12	.10	.12	....	....	....	....	....	....	....	.21	....	....	....	....	....	1.21
mas	Arkansas	T.	....	.53	....	....	....	T.	....	....	....	....	T.	T.	.40	.05	.60	....	....	....	....	....	.05	T.	T.	T.	....	....	....	....	....	....	1.63
tton	White	T.	....	.27	....	....	....	.95	....	....	....	.04	....	T.	.19	....	....	.12	.50	....	....	....	....	....	....	....	.93	....	....	....	T	....	3.00
Dorado	Ouachita	....	T.	.40	.20	....	....	....	.05	....	1.75	....	....	....	.30	.05	.03	....	....	....	....	....	....	....	....	....	....	.49	....	....	....	....	3.27
gland	Arkansas	....	....	.02	....	....	....	....	T.	....	....	....	....	....	.45	.02	....	.03	....	....	....	....	.16	....	....	.13	....	....	....	....	....	....	0.81
reka Springs	White	1.79	....	....	....	....	....	T.	....	....	....	T.	....	....	....	.17	....	.15	....	....	....	....	....	....	....	....	.17	....	....	....	T.	....	2.28
yetteville	.....do	.08	....	.19	....	....	....	.30	....	....	....	....	T.	....	35	.04	....	....	....	....	....	....	....	....	....	....	1.58	....	....	....	....	....	2.54
rt Smith ***	Arkansas	....	T.	1.07	....	....	....	T.	....	....	....	T.	....	....	.15	T	....	....	.12	....	....	....	....	....	....	T.	.54	....	....	....	....	....	1.88
lton	Red	....	T.	.30	.70	....	....	....	1.05	....	....	....	....	....	....	.47	....	....	.40	....	....	....	....	....	....	.14	....	....	....	....	....	....	3.06
orgetown	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	2.05	....	....	....	....	....	.23	....	....	....	.10	....	....	....	....	2.78
llett	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
annis	Red	T.	T.	.62	.54	....	....	.35	.30	....	....	....	T.	T.	.25	.02	.03	....	.11	1.73	.01	....	....	....	....	*	.34	....	....	....	....	T.	4.30
yette	White	.22	....	.55	....	....	....	19	....	....	....	T.	.05	....	.16	....	....	....	....	....	....	....	....	....	....	T.	.30	....	....	....	T.	....	1.47
rdy	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	.27	....	....	....	....	.30	....	....	....	....	....	....	....	1.20	2.37
rrison	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
lena	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	.20	....	....	.10	.06	....	....	....	....	....	....	.18	....	.12	.14	....	....	....	.04	0.84
gden	White	.02	....	....	....	....	....	.17	....	....	....	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	.20	....	....	.05	....	....	0.55
ope	Red	T.	....	.66	.60	....	....	.80	....	....	....	....	....	....	.25	....	T.	T.	....	.07	....	....	....	....	....	....	.02	....	....	....	....	....	2.40
t Springs	Ouachita	....	.60	.35	....	....	....	.02	....	....	....	....	....	....	.30	.56	....	.15	....	....	.24	....	....	....	....	....	....	....	....	....	....	....	2.22
ttig	.....do	.40	....	1.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.75
nesboro	White	....	....	....	....	....	....	T.	....	....	....	....	....	....	T.	.11	.47	....	....	....	....	....	1.31	....	....	....	.12	.03	....	....	....	.05	2.09
nction	Ouachita	T.	T.	.14	....	....	....	....	.25	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.81	....	....	....	....	....	1.20
ncoln	Arkansas	....	....	.52	.23	.11	....	....	....	....	....	....	....	....	....	....	11	....	....	....	....	....	....	....	....	....	.57	....	....	....	....	....	1.54
ittle Rock	.....do	T.	....	.07	....	....	....	.18	T	....	....	T.	T.	.29	.29	.02	.27	....	....	T.	....	....	....	....	T.	T.	T.	....	....	....	T.	T.	0.83
therville	.....do	....	....	....	....	....	....	.20	....	....	....	....	....	.29	.50	.02	....	1.15	1.23	....	....	....	....	....	....	....	.55	....	....	....	....	....	3.94
agnolia	Red	....	....	....	.50	....	....	....	.50	....	....	....	....	....	.23	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.38
alvern	Ouachita	....	....	.62	....	....	....	....	.74	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	....	....	....	....	1.40
ammoth Spring	White	T.	....	....	....	....	....	.31	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	.92	1.63
arianna	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.36	.14	....	....	....	....	....	....	.24	....	.02	....	.27	....	....	....	.04	1.07
arked Tree	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	.58	T.	....	....	....	....	T.	7.63	.04	....	....	.10	....	....	T.	T.	8.43
arshall	White	.18	....	....	....	....	1.03	....	....	....	....	....	T.	....	.18	.22	.12	T.	T.	.07	....	....	....	....	T.	.20	....	....	....	....	.03	....	2.03
ena	Ouachita	T.	.78	1.07	.05	2.75	....	....	.11	....	....	....	....	....	....	.18	....	....	.03	.01	T.	....	....	....	.01	.01	.21	....	....	....	....	....	5.21
rrilton	Arkansas	....	....	....	....	....	....	.22	....	....	....	....	....	.01	.04	....	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.33
untain Home	White	.08	....	....	....	....	....	T.	....	....	....	....	.06	....	.05	.66	....	....	....	....	....	....	.02	....	....	....	.02	....	....	....	.06	....	0.95
unt Ida	Ouachita	....	....	.39	....	....	....	.57	.40	....	....	....	....	.33	....	....	.32	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	2.11
rfreesboro	.....do	....	.93	.33	....	....	....	....	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.57
il	White	.05	....	.22	....	....	....	.15	....	....	....	T.	....	.10	.30	.40	....	....	.10	....	....	....	....	T.	....	....	1.00	....	....	....	....	....	2.32
wport	.....do	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.28	....	....	....	....	....	....	....	....	.35	....	.39	....	....	....	.08	0.75
kay	Arkansas	.01	....	....	....	....	....	.07	....	....	....	....	....	....	.04	.34	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.90
scola	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	.06	.56	.18	....	....	....	....	....	....	....	1.05
zark	.....do	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	0.55
tterson	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	.04	0.33
Bluff	Arkansas	....	T.	2.03	.30	....	....	....	....	....	....	....	....	....	....	.23	.25	.05	.12	....	....	....	....	T.	....	....	....	....	....	....	....	....	2.98
ocahontas	White	....	....	....	....	....	....	.90	....	....	....	....	....	....	.30	1.20	.45	....	....	....	....	....	.15	....	....	....	....	....	....	....	....	.10	3.10
rtland	Ouachita	....	.26	....	.96	....	....	....	.10	....	....	....	....	....	.66	.21	....	....	....	....	....	....	....	....	....	....	....	.94	....	....	....	....	3.13
rescott	.....do	.01	.05	.06	.08	....	....	....	.14	T.	....	....	....	....	....	1.04	T.	....	.05	....	....	....	....	....	....	....	T.	.02	....	....	....	....	1.45
rinceton	Ouachita	.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.90
ison	.....do	....	....	1.24	....	....	....	.15	....	....	....	....	....	....	.40	....	.11	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.02
gers	Arkansas	.36	....	.11	....	....	....	.02	....	....	....	....	.09	....	.19	.11	....	....	....	....	....	....	....	....	....	T.	.29	....	....	....	....	....	1.17
arcy	White	T.	....	....	....	....	....	T.	....	....	....	....	....	....	.11	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	0.36
pringbank	Red	T.	1.43	....	.36	T.	....	....	.10	.28	....	....	....	.10	.18	T.	....	....	T.	....	T.	....	....	....	....	....	....	.67	....	....	....	....	3.12
uttgart	Arkansas	....	....	.54	....	....	....	....	....	....	....	....	....	....	.18	.08	T.	....	....	....	....	....	.95	....	....	.03	T.	....	....	....	....	....	1.78
bbuco	.....do	....	....	.62	....	....	....	....	.08	....	....	....	....	T.	.15	.01	....	T.	....	....	T.	....	.04	....	....	....	.26	....	....	....	....	....	1.16
xarkana	Red	.50	....	.45	....	....	....	.15	2.25	....	....	....	....	.55	.62	....	....	.12	....	....	....	....	....	....	T.	....	.10	....	....	....	....	....	4.74
mphers	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ddron	.....do	....	....	1.32	....	....	....	.05	....	....	....	....	....	....	.02	....	....	.32	....	.22	....	....	....	....	....	T.	.50	....	....	....	....	....	2.43
rren	Ouachita	....	....	1.25	....	....	....	....	....	....	....	....	....	....	T.	T.	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	1.25
hitecliffs	Red	....	.10	.50	.10	....	....	....	.80	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	.20	....	....	....	....	....	1.88
vone	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	.06	....	....	.07	....	....	....	....	....	T.	.08	....	....	....	....	....	....	T.	0.21

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 ours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. † Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for August, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	6.7	6.3	6.2	6.0	5.6	5.5	5.3	6.2	6.1	6.0	6.0	6.7	6.2	5.5	5.1	5.0	4.8	4.8	4.7	4.7	4.5	4.4	4.4	4.0	3.8	3.7	3.7	3.8	3.8	4.1	3.9
rdanelle	.....do	20	5.2	4.8	4.3	4.1	4.0	3.7	3.5	3.4	3.4	3.9	4.0	3.7	4.0	4.4	3.9	3.7	3.0	2.8	2.5	2.5	2.5	2.4	2.2	2.0	2.0	1.8	1.7	1.7	1.7	1.6	1.6
ittle Rock	.....do	23	4.6	4.0	3.6	3.3	3.0	2.8	2.5	2.4	2.2	2.1	2.1	2.4	2.4	2.4	2.6	2.7	2.4	2.3	2.3	1.6	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.5	0.4	0.4	0.4
ne Bluff	.....do	25	9.3	8.6	8.1	7.6	7.3	7.1	6.7	6.8	6.7	6.4	6.3	6.3	6.5	6.6	6.6	6.7	6.7	6.5	6.2	6.0	5.8	5.8	5.7	5.5	5.4	5.3	5.0	5.0	4.9	4.8	4.8
lack Rock	Black	14	3.6	3.5	3.4	2.8	2.8	2.6	2.6	2.6	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.7
alico Rock	White	18	0.9	0.3	0.3	0.2	1.3	1.1	1.0	0.6	0.4	0.3	0.3	0.3	0.2	0.1	0.2	0.1	0.0	0.0	0.3	0.2	0.0	0.2	0.0	0.0	*0.2	*0.1	*0.1	0.0	0.0	*0.2	*0.3
atesville	.....do	23	6.3	5.9	5.5	5.3	5.3	6.4	6.2	6.1	5.8	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.1	5.0	5.3	5.2	5.0	5.1	5.0	4.9	4.8	4.8	4.8	4.9	4.9	4.8
ewport	.....do	26	3.5	3.4	3.2	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
eorgetown	.....do	22	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	*0.1	*0.2	*0.3	*0.3	*0.3	*0.3	*0.3	*0.4	*0.4	*0.4
arendon	.....do	30	9.6	9.5	9.4	9.3	9.3	9.1	8.8	8.6	8.5	8.5	8.6	8.6	8.5	8.4	8.2	8.1	8.0	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.3	7.3	7.3
lena	Mississippi	42	17.1	16.5	15.7	14.9	13.9	13.0	12.2	11.9	12.0	12.2	12.2	11.8	11.1	10.4	9.6	9.1	8.9	8.9	9.0	9.0	8.7	8.3	8.0	7.8	7.5	7.4	7.2	6.9	6.7	6.6	6.4
rkansas City	.....do	42	23.5	22.6	21.7	21.0	20.3	19.5	18.5	17.4	16.6	16.0	16.0	16.0	16.0	15.9	15.3	14.6	14.0	13.4	12.6	12.1	12.0	11.9	11.8	11.8	11.7	11.5	11.3	11.0	10.7	10.6	10.4	10.2
amden	Ouachita	49	6.2	5.9	5.3	5.1	5.0	4.9	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.1	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.1
anville	Petit Jean	20	0.8	0.8	2.7	2.7	2.3	2.0	1.9	2.8	3.2	3.0	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2
ulton	Red	28	8.0	8.0	7.9	7.8	7.6	7.3	7.2	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.4	7.4	7.1	7.0	7.0	6.9	6.7	6.8	6.7	6.6	6.5	6.4	6.4	6.3
adelphia	Ouachita	18	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.4	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
fferson	Cache	9	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4

* Below zero of gage.

Daily Temperatures for August, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	102	102	96	96	95	96	90	90	93	91	92	86	86	90	95	94	97	97	97	96	98	98	99	85	91	90	93	95	95	98	95	94.1
	Minimum	70	68	70	70	71	70	64	68	60	60	60	65	69	69	69	69	70	67	70	70	70	70	73	75	69	64	54	54	55	58	58	66.1
Batesville §§	Maximum	88	96	95	92	94	95	95	86	87	88	88	93	92	88	91	91	94	97	99	98	98	92	99	103	98	81	88	88	95	92	93	92.6
	Minimum	65	67	66	64	62	64	69	69	60	56	56	62	64	65	68	69	70	68	69	68	64	67	73	76	89	59	57	54	57	60	66	65.0
Bee Branch	Maximum	97	97	100	91	99	101	98	86	83	94	92	84	97	91	89	90	93	99	94	101	94	97	96	103	104	89	88	94	98	96	94	94.5
	Minimum	67	66	71	66	63	63	66	67	61	57	59	66	63	67	68	67	65	66	68	68	68	67	70	69	70	76	60	55	54	57	58	64.8
Bentonville	Maximum	87	92	87	89	90	91	87	80	85	91	86	87	90	86	90	91	95	94	95	98	98	102	100	102	93	77	85	87	91	80	96	90.4
	Minimum	69	68	68	66	69	64	68	59	54	55	67	65	62	62	68	67	68	68	70	69	72	77	74	75	66	60	55	58	62	63	76	65.9
Booneville	Maximum	98	104	97	93	92	97	94	89	92	96	94	87	92	86	91	96	96	100	101	101	103	104	104	105	103	92	88	90	94	90	102	95.8
	Minimum	74	75	70	72	72	68	76	70	65	64	70	71	65	70	70	70	72	69	72	73	78	82	79	80	82	62	62	63	67	68	78	71.3
Brinkley	Maximum	95	99	91	95	96	97	95	90	90	91	88	93	94	90	89	94	95	98	100	99	98	97	92	98	95	89	88	92	90	94	95	93.8
	Minimum	69	69	79	67	65	65	72	72	62	58	59	66	66	72	70	69	69	68	73	70	69	73	73	75	75	63	58	55	58	60	73	67.5
Calico Rock §§	Maximum	91	96	96	98	99	100	98	88	90	93	90	89	95	86	91	95	95	99	98	98	99	99	91	101	106	95	92	89	92	96	89	96.4
	Minimum	66	66	64	64	75	76	71	68	61	58	60	63	63	64	66	71	70	72	68	70	67	70	75	74	75	57	60	55	59	61	65	66.3
Camden §§	Maximum	96	96	88	92	92	93	93	87	87	89	89	88	88	86	89	93	94	95	98	98	99	99	96	97	92	92	88	89	93	95	96	92.5
	Minimum	72	69	72	72	68	67	67	71	67	59	61	62	66	67	70	69	71	68	69	70	68	70	72	73	73	70	66	53	55	58	62	67.0
Conway	Maximum	92	99	96	95	95	98	92	89	90	92	91	93	93	87	91	95	96	98	101	101	101	101	102	104	93	87	91	92	95	95	99	95.1
	Minimum	69	70	75	69	64	64	70	72	61	58	61	70	65	71	69	69	68	67	71	71	70	74	73	74	79	64	57	55	58	59	73	67.4
Corning	Maximum	88	98	95	94	97	98	99	88	92	90	85	92	93	89	90	91	90	97	99	98	97	94	85	94	100	94	81	86	89	95	84	86	92.3
	Minimum	66	62	63	60	63	66	70	64	54	53	53	63	65	66	70	68	66	65	67	66	68	66	70	75	77	59	54	54	56	63	68	63.6
Dardanelle	Maximum	99	89	99	93	94	96	96	91	89	90	92	91	89	92	87	89	92	94	99	100	101	101	101	103	106	100	93	88	93	94	94	94.7
	Minimum	71	72	70	71	69	66	75	72	65	63	65	70	66	73	72	72	72	72	69	72	72	74	76	73	73	81	69	61	61	62	61	74	69.8
Dodd City	Maximum	87	91	88	91	93	93	90	83	86	91	82	89	91	82	88	93	78	86	88	95	97	87	93	78	98	97	89	88	91	91	93	98	90.1
	Minimum	67	65	63	62	66	63	67	60	54	55	61	63	60	61	64	68	67	67	66	66	70	74	74	70	75	66	52	55	53	58	70	63.9
Dumas	Maximum	98	98	88	95	94	95	96	90	87	90	87	94	92	87	93	94	96	95	96	97	97	99	93	92	94	90	85	90	93	92	93	92.9
	Minimum	70	71	73	70	65	68	74	72	66	58	60	63	67	73	72	70	70	70	72	72	69	70	75	74	77	70	65	56	57	60	72	68.4
Dutton	Maximum	86	98	90	90	91	92	89	80	86	90	86	87	88	83	85	91	91	95	94	99	99	99	97	96	99	78	84	85	88	78	94	89.7
	Minimum	65	60	66	62	63	66	63	60	51	50	57	60	54	67	67	65	63	62	62	62	65	69	73	77	71	59	51	51	53	55	64	61.7
El Dorado	Maximum	98	99	88	93	93	95	95	89	88	90	90	92	93	90	89	95	94	96	98	101	99	101	98	98	95	96	88	91	93	95	97	94.0
	Minimum	72	70	73	73	70	70	73	72	70	63	65	67	70	71	71	70	71	70	73	73	72	73	76	74	76	70	67	59	60	65	72	70.0
Eureka Springs	Maximum	91	94	89	91	91	92	87	81	87	92	83	91	93	89	89	93	95	96	98	101	102	99	85	90	91	95	86	99	92.6
	Minimum	66	67	68	64	70	66	70	60	55	57	64	65	61	61	66	66	67	68	67	68	67	72	73	78	79	79	76	59	54	59	68	68	70	66.4
Fayetteville	Maximum	88	96	94	91	91	90	88	80	85	90	86	88	93	86	89	90	92	95	97	96	100	102	103	102	103	102	82	86	90	92	91	101	93.9
	Minimum	68	67	68	67	67	65	62	62	56	57	59	63	57	61	67	68	67	68	68	68	69	72	75	78	79	79	75	58	55	58	65	72	70.0
Fort Smith	Maximum	97	102	92	92	94	94	99	85	89	92	92	87	92	87	89	94	96	96	96	100	102	103	102	103	102	82	86	90	92	91	101	93.9
	Minimum	76	76	70	75	76	74	74	71	66	65	71	73	66	72	72	72	75	74	74	74	77	79	76	78	81	62	65	64	65	68	74	72.0
Grannis	Maximum	96	97	86	88	88	92	93	85	86	90	89	92	93	87	92	93	94	95	95	97	95	95	97	96	97	95	87	87	90	91	96	91.2
	Minimum	68	68	68	67	67	66	68	65	65	60	63	67	65	67	68	68	68	69	68	67	68	69	70	69	70	74	63	60	58	57	59	69	66.2
Gravette	Maximum	89	93	86	90	90	91	84	80	86	90	85	87	92	87	92	93	95	96	95	99	99	101	100	96	95	84	85	86	92	82	96	90.6
	Minimum	76	67	67	65	72	62	66	55	54	54	65	64	68	58	67	67	65	66	67	67	75	78	76	76	73	60	52	55	53	62	73	65.3
Hardy	Maximum	93	99	94	98	99	100	102	87	89	93	88	96	95	88	93	95	92	101	98	98	90	....	101	100	101	84	88	92	98	88	93	94.7
	Minimum	64	64	63	62	62	65	65	65	57	55	66	66	64	63	68	68	68	68	68	68	68	64	....	69	71	76	60	55	54	57	63	68	64.2
Hope	Maximum	98	98	89	93	98	....	96	89	87	90	89	92	91	88	91	95	95	98	98	102	100	110	111	99	98	98	90	94	95	97	101	95.6
	Minimum	73	70	72	75	69	....	69	74	67	62	65	67	67	72	70	70	72	69	71	70	75	75	75	76	74	77	72	68	56	60	67	74	69.9
Hot Springs	Maximum	94	97	89	91	92	94	90	87	88	91	91	93	85	86	86	93	89	95	96	98	91	96	96	98	99	99	92	89	90	92	93	96	92.3
	Minimum	69	69	70	69	65	64	72	72	66	60	61	65	70	71	70	70	70	68	70	71	69	72	73	74	78	71	65	58	59	60	72	68.2
Huttig	Maximum	101	93	98	92	98	96	95	91	88	89	89	89	92	90	91	95	96	97	98	97	97	98	97	98	99	98	97	98	99	98	98	97.4
	Minimum	71	70	70	72	70	70	73	72	73	61	63	67	70	70	70	70	70	71	72	72	74	70	75	75	70	72	58	63	61	61	71	69.0
Jonesboro	Maximum	91	96	92	94	97	98	99	88	87	85	84	91	87	87	91	92	93	93	95	97	98	98	98	98	98	98	97	98	98	98	98	96.4
	Minimum	70	68	68	66	70	69	74	70	62	60	59	67	67	70	71	72	71	72	72	73	74	74	75	74	75	74	60	56	58	65	67	68.4
Junction	Maximum	99	101	96	94	97	100	96	88	90	91	92	93	94	92	93	95	93	94	97	97	96	97	96	97	95	83	88	91	93	95	91	96	94.0
	Minimum	73	74	78	70	68	67	69	70	61	62	63	64	66	67	68	67	67	68	69	68	70	71	72	73	74	75	66	60	56	58	65	67	68.4
Little Rock	Maximum	91	97	92	92	93	95	91	88	88	89	87	90	92	87	87	91	91	92	93	95	95	96	97	98	98	96	94	95	96	97	98	98	95.1
	Minimum	71	74	71	73	70	72	73	73	69	66	68	72	71	76	76	75	74	75	75	75	75	75	75	75	75	74	63	64	66	68	71	71.4
Lutherville	Maximum	87	99	94	94	95	95	90	85	89	94	91	93	92	92	93	94	95	95	96	97	97	98	98	98	98	97	94	95	96	97	98	98	95.2
	Minimum	71	71	70	71	71	70	71	68	65	64	69	70	69	72	73	73	73	74	74	74	74	74	74	74	74	73	61	61	64	70	74	70.1
Magnolia	Maximum	95	94	93	93	90	94	95	95	94	93	94	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	94.9
	Minimum	74	73	72	73	70	70	70	70	69	68	68	69	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69.0
Malvern	Maximum	96	101	90	96	97	99	94	92	93	94	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	94.9
	Minimum	70	71	72	73	68	66	73	73	67	62	65	66	66	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69.0
Mammoth Spring	Maximum	94	92	92	90	91	96	95	87	85	87	87	87	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89.0
	Minimum	65	63	64	65	63	66	67	64	56	55	57	56	57	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58.0
Marianna	Maximum	84	91	91	86	87	87	87	87	87	84	81	81	83	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85.0
	Minimum	70	71	73	69	68	69	68	73	61	60	60	65	70	71	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Marked Tree §§	Maximum	95	92	93	94	96	95	81	86	86	88	90	91	86	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87.0
	Minimum	68	69	65	67	68	70	71	62	58	56	57	60	66	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67.0
Marshall	Maximum	89	95	89	88	89	94	88	83	84	84	83	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85.0
	Minimum	71	68	70	67	68	66	73	66	61	60	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67.0
Mena	Maximum	95	100	89	87	90	93	93	85	86	91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92.0
	Minimum	70	69	68	70	68	64	71	71	65	60	63	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68.0
Morrillton	Maximum	92	100	99	95	95	99	95	90	91	90	92	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	68	71	75	70	66	64	71	72	65	60	63	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68.0
Mount Ida	Maximum	94	99	89	92	93	96	87	87	87	87	91	89	90	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89.0
	Minimum	70	60	70	69	66	61	67	70	59	58	65	62	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69.0
Nail	Maximum	81	90	86	88	89	89	90	80	85	85	87	84	84	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85.0
	Minimum	66	70	66	69	70	69	70	60	60	60	64	63	61	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66.0
Newport	Maximum	98	99	94	95	96	99	97	90	90	91	86	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	70	70	70	70	69	70	73	71	65	62	61	67	69	71	70	71	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Okay	Maximum	87	87	96	93	92	93	90	82	89	90	90	89	89	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87.0
	Minimum	70	69	69	69	68	69	69	65	67	66	61	62	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65.0
Osceola	Maximum	97	96	98	95	95	98	88	86	95	94	93	92	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92.0
	Minimum	66	65	65	64	61	65	66	56	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54.0
Ozark	Maximum	100	103	102	102	101	98	96	92	90	90	91	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	70	71	70	73	70	68	64	67	63	63	68	70	71	72	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74.0
Pine Bluff	Maximum	98	99	91	93	94	96	96	93	90	93	96	93	92	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	69	71	70	69	68	69	71	73	67	61	63	67	68	70	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Pocahontas	Maximum	94	98	92	95	97	97	98	86	88	89	84	93	93	88	88	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92.0
	Minimum	71	75	72	71	74	74	74	74	75	66	67	64	70	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Portland	Maximum	98	96	87	93	95	96	97	88	87	90	88	92	93	89	90	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92.0
	Minimum	71	72	74	73	68	70	73	72	70	61	63	64	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71.0
Prescott	Maximum	97	98	90	92	93	96	95	87	89	90	90	91	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90.0
	Minimum	71	69	71	73	69	68	71	71	67	66	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69.0
Rison	Maximum	97	98	91	94	95	97	99	91	92	93	94	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	69	70	68	69	66	67	72	69	65	61	62	66	67	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71.0
Rogers	Maximum	86	94	86	90	93	94	88	81	87	92	84	90	91	84	89	92	94	93	95	96	97	97	97	100	102	104	96	97	98	97	97	97	97.0
	Minimum	67	66	69	65	68	64	66	66	60	53	53	60	61	59	60	60	61	62	63	64	65	67	67	71	75	73	65	65	67	70	68	68	68	67.0
Searcy	Maximum	87	94	92	92	92	95	94	90	89	89	86	90	92	86	89	92	94	94	95	97	97	98	98	98	98	98	98	98	98	98	98	98	98	97.9
	Minimum	68	67	72	67	67	67	70	72	63	59	60	69	66	71	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Stuttgart	Maximum	95	97	92	93	94	98	98	91	91	89	90	93	93	89	89	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	76	71	72	74	66	74	75	72	65	61	65	68	71	71	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Subiaco	Maximum	97	105	95	96	96	99	98	92	93	97	96	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	73	72	72	72	71	67	75	69	63	62	65	72	66	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71.0
Texarkana	Maximum	102	100	90	92	95	95	95	89	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92.0
	Minimum	75	70	71	75	73	72	74	73	68	64	67	70	68	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71.0
Warren	Maximum	96	97	89	91	92	94	94	85	87	88	87	90	93	87	87	90	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	72	73	70	74	69	73	73	70	63	63	67	68	71	71	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72.0
Wynne	Maximum	99	95	93	93	94	97	95	88	88	88	88	90	93	88	88	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93.0
	Minimum	68	68	70	66	65	65	70	70	60	57	56	61	69	71	73	71	69	67	70	66	66	71	72	73	71	60	57	55	58	63	70	65.9

§§ Instruments are read in the morning; the maximum temperature now read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

OL. XXVII. LITTLE ROCK, Ark., SEPTEMBER, 1922. No. 9.

GENERAL SUMMARY.

The warm dry weather of August continued throughout most September. Sunshine averaged about 82% of the possible and e number of rainy days was only 50% of the average for the ast 30 years. This was the driest September experienced in Arnsas since 1899 and only three times since state wide records ave been kept has so little rain fallen during the month. Hot y weather prevailed from the 1st to the 10th and after the 13th mperatures were generally above normal. On the 10th and th light rains occurred in most sections of the State and temeratures were near or somewhat below normal, Dutton reportg light frost with a temperature of 37°. From the 11th to the 0th a few light showers fell in widely scattered localities, but ter the 20th there was practically no rain. Rain was too light d too late to be of much benefit to cotton, and late corn, rice, stures, potatoes, and hay crops were damaged by the drought. the close of the month rice was ready to cut, cotton was nearall open and was being picked under favorable weather contions. Roads were good throughout the month. All rivers owed low stages.

There were 22 clear days, 5 partly cloudy, and 3 cloudy, the mber of clear days being 5 more than normal. The prevailing nd was from the south averaging about 5.4 miles per hour. e maximum velocity recorded during the month was at Little ck, 34 miles per hour from the southeast on the 15th.

W. C. H.

TEMPERATURE.

The mean temperature for the month of September, as dermined from the records of 53 stations, was 76.2° which is 3° above normal. All sections of the State showed positive drtures with the greatest recorded in Randolph County. The ghest monthly mean was 80.2° at Pocahontas, the lowest,) 3° at Dutton. The highest temperature recorded during the onth was 106° at Bee Branch on the 6th and at Bee Branch d Dardanelle on the 8th. The lowest was 37° at Dutton on e 12th. The greatest daily range was 51° at Mammouth Spring the 13th.

PRECIPITATION.

The average precipitation, as determined from the records of 2 stations, was 1.25 inches which is 2.08 inches less than the rmal for September. Monthly totals ranged from 5.89 inches at nesboro to a trace at Whitecliffs. The greatest amount meased in 24 consecutives hours was 5.57 inches at Jonesboro on e 1st. The average number of rainy days was 3.

Correction, August, 1922: Mammoth Spring, days 0.01 inch more precipitation should be 4. Marked Tree, mean minimum mperature should be 65.7°; monthly mean temperature 78.0°.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.09	30.26	16	29.82	6	2,724		e.	16	.....	.....	79
Fort Smith...	30.02	30.22	26	29.79	5	4,380	27	se.	15	69	41	87
Little Rock..	30.04	30.22	26	29.84	6	4,417	34	se.	15	78	46	89
Memphis....	30.09	30.27	26	29.90	6	4,209	26	sw.	10	74	59	72

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 4; 3d, 2; 4th, 7; 6th, 2; 7th, 2; 8th, 2; 10th, 5; 11th, 1; 15th, 7; 16th, 2; 17th, 4; 19th, 6; 20th, 1; 27th, 1; 28th, 2.

Light Frost:— Dutton, 12th.

Light Hail:— Pocahontas, 1st; Prescott, 20th.

Lunar Halos:— 28th, 1.

Solar Halos:— 27th, 1.

COMPARATIVE DATA FOR ARKANSAS---- SEPTEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Normal**	*78.9*		*105*	*36*	*3.33*		*17*	7	*6*	*6*
1891.....	73.4	−0.5	102	40	0.94	−2.39	22	6	2	2
1892.....	70.8	−3.1	96	32	2.14	−1.19	23	4	3	3
1893.....	74.0	+0.1	103	36	3.75	+0.42	19	5	6	5
1894.....	73.1	−0.8	100	38	3.56	+0.23	14	8	8	6
1895.....	77.1	+3.2	105	32	1.36	−1.97	19	7	4	4
1896.....	73.3	−0.6	106	35	3.25	−0.08	11	9	10	10
1897.....	76.6	+2.7	108	33	0.60	−2.78	21	7	2	2
1898.....	75.2	+1.3	104	40	7.35	+4.02	15	6	9	8
1899.....	71.9	−2.0	109	28	1.21	−2.12	20	7	3	3
1900.....	78.0	+4.1	104	48	4.25	+0.92	12	12	6	7
1901.....	72.6	−1.3	101	32	3.08	−0.25	18	8	4	4
1902.....	68.4	−5.5	99	30	5.06	+1.73	15	8	7	8
1903.....	70.7	−3.2	102	34	2.47	−0.86	18	7	5	5
1904.....	75.4	+1.5	101	37	2.46	−0.87	15	9	6	5
1905.....	74.2	+0.3	100	44	3.90	+0.57	16	7	7	8
1906.....	75.7	+1.8	100	47	6.24	+2.91	11	9	10	10
1907.....	73.9	0.0	106	38	2.22	−1.11	19	8	3	4
1908.....	73.4	−0.5	101	29	4.00	+0.67	13	8	9	7
1909.....	74.7	+0.8	108	31	2.84	−0.49	18	7	5	5
1910.....	76.4	+2.5	101	44	2.41	−0.92	18	8	4	5
1911.....	79.0	+5.1	102	46	3.67	+0.34	18	9	3	6
1912.....	78.5	+4.6	106	32	2.40	−0.93	18	8	4	4
1913.....	71.7	−2.2	108	33	10.10	+6.77	9	9	12	13
1914.....	74.4	+0.5	101	38	3.19	−0.14	16	9	5	5
1915.....	74.9	+1.0	100	34	1.43	−1.90	16	8	6	3
1916.....	72.5	−1.4	102	30	3.40	+0.07	19	6	5	6
1917.....	71.8	−2.1	99	37	1.76	−1.57	18	7	5	4
1918.....	67.3	−6.6	104	29	4.63	+1.30	16	5	9	7
1919.....	74.6	+0.7	108	40	2.72	−0.61	15	8	7	4
1920.....	74.9	+1.0	100	30	3.56	+0.23	17	6	7	6
1921.....	79.6	+5.7	104	35	3.38	+0.05	14	9	7	6
1922.....	76.2	+2.3	106	37	1.25	−2.08	22	5	3	3

* Based on 30 years record.

Climatological Data for September, 1922.

Station.	County.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	.....	29	74.5	+ 0.4	102	6†	48	13†	47	2.42	−0.91	1.54	0	3	25	4	1	s.	Albert Dillard.
Arkadelphia	Clark	186	26	.....	.....	.....	.....	.....	.....	.....	1.50	−0.97	1.05	0	2	17	0	13	e.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	2.50	−0.40	1.10	0	4	23	3	4	w.	Geo. E. Payne.
Arlberg	Stone	700	1	.....	.....	.....	.....	.....	.....	.....	0.30	.....	0.25	0	2	.....	.....	.....	.....	J. D. Reeves.
Batesville	Independence	277	23	73.2	+ 0.8	101	7	42	26†	46	1.00	−3.07	0.78	0	3	23	0	7	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	.....	30	76.3	+ 2.1	106	6†	46	12†	47	2.60	−0.65	1.30	0	4	19	10	1	s.	J. E. Scanlan.
Bentonville	Benton	1303	16	72.6	+ 3.7	98	6	44	12	36	1.86	−1.61	1.81	0	3	22	4	4	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	20	.....	.....	.....	.....	.....	.....	.....	1.80	−1.78	0.88	0	4	24	1	5	.....	Vernon C. Howe.
Booneville	Logan	600	8	79.2	.....	102	2†	52	12	31	1.01	.....	0.53	0	5	25	4	1	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	40	77.4	+ 3.3	102	6	46	27	42	1.56	−1.67	1.00	0	2	27	3	0	s.	H. L. D. Whitson.
Calico Rock	Izard	361	18	75.0	.....	105	6	42	27	48	1.16	−2.77	0.65	0	3	16	11	3	w.	J. M. Richardson.
Camden	Ouachita	158	36	75.6	+ 0.5	100	7†	50	29	41	2.98	−0.46	2.51	0	4	24	4	2	n.	A. B. Quarterman.
Clarendon	Monroe	200	18	.....	.....	.....	.....	.....	.....	.....	1.32	−2.77	0.68	0	3	17	9	4	ne.	J. W. Bishop
Clinton	Van Buren	516	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr J. M. Hunter.
Conway	Faulkner	309	38	76.8	+ 3.0	104	6	45	27	43	0.63	−3.02	0.63	0	1	24	4	2	e.	E. E. Cordrey.
Corning	Clay	293	22	72.9	+ 0.8	101	6	40	27	41	0.84	−2.84	0.48	0	3	23	5	2	s.	Rev. N. E. Skinner.
Dam No. 1	White	190	1	.....	.....	.....	.....	.....	.....	.....	1.82	.....	1.82	0	1	27	0	3	.....	H. S. Cooper.
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	0.15	.....	0.15	0	1	23	0	7	w.	C. P. Evans.
Dardanelle	Yell	330	36	78.5	+ 4.2	106	8	50	12†	40	0.82	−2.69	0.61	0	2	24	0	6	e.	J. D. Riley.
Dodd City	Marion	1175	40	73.2	+ 1.5	99	5†	41	12	43	0.32	−3.53	0.32	0	1	12	16	2	s.	Neal Dodd.
Dumas	Desha	162	15	76.4	+ 1.8	101	4†	45	27	39	1.26	−2.87	0.86	0	2	7	22	1	.....	Ben. Johnson.
Dutton	Madison	1590	20	70.3	+ 1.9	97	6	37	12	44	0.65	−3.53	0.55	0	2	27	2	1	se.	J. M. Ricketts
El Dorado	Union	270	18	78.2	+ 1.6	102	6	55	12†	36	1.43	−1.85	0.65	0	4	19	7	4	n.	J. J. Babt
England	Lonoke	229	15	77.0	+ 0.1	102	6	49	27	40	0.75	−3.24	0.40	0	4	25	4	1	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	75.6	+ 3.7	102	2	44	12	40	2.02	−1.82	1.92	0	2	17	11	2	sw.	George W. Nicholds.
Fayetteville	Washington	1451	36	73.9	+ 1.6	98	7	42	12	40	0.75	−2.79	0.65	0	2	20	5	5	sw.	University of Arkansas
Fort Smith	Sebastian	481	40	78.0	+ 5.3	101	7	53	12	32	0.48	−2.69	0.29	0	2	23	6	1	e.	U. S. Weather Bureau
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	0.21	−2.27	0.16	0	2	24	4	2	e.	T. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	1.13	.....	0.60	0	2	27	1	2	w.	Cleve Bell.
Grannis	Polk	900	4	74.9	.....	98	6	48	12	36	2.12	.....	1.72	0	6	25	3	2	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	73.3	+ 2.4	99	1†	41	12	40	1.27	−2.40	1.24	0	2	24	3	3	sw.	A. F. Stevens.
Hardy	Sharp	643	25	74.8[e]	+ 2.3	101[e]	6†	41[e]	27	44[e]	0.75	−3.38	0.55	0	2	23[d]	1[d]	2[d]	sw.	Mrs. D. S. Madden.
Helena	Phillips	182	51	.....	.....	.....	.....	.....	.....	.....	1.38	−1.54	1.50	0	2	23	3	4	.....	James A. Burnett
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	0.30	.....	0.25	0	3	26	4	0	sw.	J. A. Ingram.
Hope	Hempstead	377	50	78.1[b]	+ 4.0	102[b]	4†	52[b]	12	40[b]	1.26	−1.71	0.54	0	5	24[b]	2[d]	2[b]	e.	N. P. O'Neal.
Hot Springs	Garland	600	29	76.4	+ 1.4	98	4†	50	12	37	0.72	−2.86	0.45	0	3	26	1	3	s.	L. M. MacRae.
Huttig	Union	.....	15	78.0	+ 1.5	100	6	55	29†	39	2.00	−1.16	1.50	0	2	26	3	1	se.	J. L. Collett.
Jonesboro	Craighead	345	27	75.4	+ 1.2	101	4	48	27	35	5.89	+2.31	5.57	0	3	24	5	1	se.	Benedictine Sisters.
Junction‡‡	Union	182	29	77.2	+ 1.7	102	5	52	28	40	1.65	−0.64	0.80	0	3	25	4	1	s.	L. A. Lowderback.
Lincoln	Washington	1500	1	.....	.....	.....	.....	.....	.....	.....	0.53	.....	0.53	0	1	23	4	3	ne.	L. E. Nabers.
Little Rock	Pulaski	286	43	77.7	+ 4.6	100	6	56	13	30	0.93	−2.33	0.69	0	4	21	8	1	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	25	78.2	+ 4.7	100	5†	53	12	31	0.60	−3.04	0.60	0	1	24	5	1	e.	H. Kauffeld.
Magnolia	Columbia	315	4	76.8	.....	99	5†	54	29	36	3.80	.....	1.50	0	4	13	8	9	s.	State Agriculture Sch
Malvern	Hot Springs	277	39	78.6	+ 4.2	105	6†	51	13	45	1.38	−1.70	1.20	0	3	25	5	0	s.	Clark Houston.
Mammoth Spring	Fulton	512	17	72.5[e]	+ 0.8	98[e]	6	37[e]	12	51[e]	1.07	−3.41	0.70	0	3	18[e]	7[e]	2[e]	.....	F. Wallick.
Marianna	Lee	235	13	.....	.....	.....	.....	46	27	.....	1.26	.....	1.20	0	3	25	4	1	se.	C. N. Houck.
Marked Tree	Poinsett	229	17	74.4	.....	99	6	48	26	39	1.91	−0.46	1.03	0	3	25	4	1	s.	Charles Walton.
Marshall	Searcy	1083	7	76.2	.....	99	6	47	12†	33	1.23	.....	1.03	0	2	22	7	1	ne.	W. F. Reeves.
Mena	Polk	1208	31	76.4	+ 2.6	99	3†	48	12	39	0.62	−2.98	0.42	0	2	22	6	2	s.	E. W. St. John.
Morrillton	Conway	347	2	76.2	.....	100	4†	46	12	40	0.86	.....	0.86	0	1	24	6	0	se.	J. W. Jackson.
Mountain Home	Baxter	800	8	74.3	.....	104	6	42	12	45	0.28	.....	0.28	0	1	27	2	1	n.	R. S. Halbert.
Mount Ida	Montgomery	730	24	74.4	.....	103	6	40	13	49	0.65	−2.63	0.33	0	2	25	5	0	e.	G. A. Whittington.
Murfreesboro ††	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	0.25	.....	0.23	0	1	18	7	5	.....	Henry A. Davis.
Nail	Newton	2233	29	74.0	+ 3.9	95	6†	47	11	30	0.06	−4.07	0.60	0	1	26	3	1	s.	Charles Paxton.
Newport	Jackson	231	38	77.0	+ 3.3	103	6	49	27	38	1.45	−2.39	0.80	0	3	24	4	2	s.	George L. Robinson.
Osceola	Mississippi	240	22	77.2	+ 5.2	100	8†	44	27	48	1.80	−0.92	1.49	0	2	26	0	4	w.	Steve Ralph Jr.
Ozark	Franklin	450	26	78.2	+ 1.7	103	3	46	12	42	0.40	−2.57	0.40	0	1	9	9	12	sw.	Isham Burrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.62	0	1	28	0	2	n.	W. E. Baker.
Pindall	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	0.63	.....	0.54	0	3	27	2	1	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	38	78.1[a]	+ 2.4	103[a]	6	50[a]	27	39[a]	0.38	−3.15	0.25	0	4	24[a]	1[a]	4[a]	s.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	30	80.2	+ 7.3	102	6†	57	26	26	1.57	−2.00	0.75	0	3	25	1	4	s.	Benedictine Sisters.
Portland	Ashley	122	16	78.0	+ 1.9	100	4†	51	28	37	1.09	−1.91	1.07	0	2	22	7	1	n.	W. E. Edmiston.
Prescott	Nevada	327	40	77.5	+ 1.6	101	5	54	13	35	1.94	−1.05	1.74	0	4	21	7	2	n.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	1.20	−1.11	0.70	0	2	24	6	0	.....	Foote Coleman.
Rison	Cleveland	243	18	77.6	+ 2.4	104	6	50	27	39	1.67	−2.24	1.26	0	2	20	10	0	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	31	72.3	+ 1.1	101	7	41	12	41	1.35	−2.27	1.35	0	1	24	2	4	s.	Carl A. Starck.
Searcy	White	236	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. Lightle.
Springbank ‡‡	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	1.75	−1.55	1.18	0	2	26	1	3	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	77.6	− 3.3	102	4†	48	27	38	0.70	−2.80	0.27	0	7	20	10	0	se.	H. A. Buerkle.
Subiaco	Logan	1050	25	79.2	+ 4.1	105	5†	50	12	36	0.51	−2.79	0.46	0	2	25	4	1	s.	New Subiaco Abbey.
Texarkana	Miller	332	40	79.0	+ 2.2	100	6†	54	12†	36	0.98	−1.81	0.58	0	3	20	6	4	s.	H. S. Brashear.
Waldron	Scott	675	4	.....	.....	.....	.....	.....	.....	.....	0.47	.....	0.31	0	2	17	8	5	s.	Dr. Cheves. Bevil
Warren	Bradley	206	27	77.6	− 1.2	101	6	51	14†	35	2.77	−1.83	1.00	0	4	19	10	1	ne.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	.....	.....	.....	.....	.....	.....	.....	T.	−2.28	T.	0	0	21	6	3	sw.	Miss Eu'ela M. Schi
Wynne	Cross	250	14	77.0	+ 3.9	103	6†	41	27	42	0.53	−2.97	0.35	0	3	27	0	3	n.	J. M. Larkan.
State Means and Extremes				76.2	+ 2.3	106	6†	37	12	51	1.25	−2.08	5.57	0	3	22	5	3	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determ section means. Reference letters [a],[b],[c], appearing table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates ‡‡Post-office addresses of these stations as follows:- Junction, Kan La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Daily Precipitation for September, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita										1.54					T.	.60		.28														2.42
rkadelphia	Ouachita											1.05					.45																1.50
rkansas City	Mississippi								.38			1.00	.02				T	1.10															2.50
rlberg	White.				.25						.05																						0.30
ttesville	White.	.06				.78						.16																					1.00
ee Branch	Arkansas										.40					.40				1.30	.50												2.60
ntonville ***	Arkansas	T			.04						1.81									.01													1.86
ack Rock	White	.11	.88									.60									.21												1.80
ooneville	Arkansas				.15	.01	.04				.53					.28																	1.01
rinkley	White																	.56			1.00												1.56
ulico Rock	White				.01							.50									.65												1.16
amden	Ouachita							.08	.02			2.51					.37																2.98
arendon	White											.68						.51			.13												1.32
onway	Arkansas						T.				.63									T.	.12												0.63
orning	White	.48									.24																						0.84
am No. 1	White.										1.82																						1.82
anville	Arkansas											.15																					0.15
ardanelle	Arkansas											.61									.21												0.82
odd City	White	T.						.40			.32						T.																0.32
umas	Arkansas				.10						.86																						1.26
utton	White							.04			.55							.65															0.65
l Dorado	Ouachita						T.				.12	.62					.08	.40		.21									T.				1.43
ngland	Arkansas					T.		.10			1.92																						0.73
ureka Springs	White				.08		T.				.65																	T.	T.				2.02
ayetteville	White				.19			.05			.29																						0.73
ort Smith ***	Arkansas											.16																					0.48
ulton	Red											.53																					0.21
eorgetown	White															1.72		.60										.02					1.13
raunis	Red	.01		T.							1.24	.33						.02		.02									T.				2.12
ravette	Arkansas																			.03													1.27
ardy	White	.55									.20									.20													0.75
eber Springs	White											1.50						.48		.30													1.98
elena	Mississippi				.02						.25									.03													0.30
igden	White						.20				.31	.04				19	.54																1.28
ope	Red										.16					11	.45																0.72
ot Springs	Ouachita											1.50					.50																2.00
uttig	Ouachita										.26										.06												5.89
onesboro	White	5.57								.37	.48						.80																1.65
unction	Ouachita										.53																						0.53
incoln	Arkansas						T.				.69					.11	.12			.01														0.93
ittle Rock ***	Arkansas										.60																						0.60
utherville	Arkansas									1.50	.10	1.50					.70																3.80
agnolia	Red											.16						1.20	.02														1.38
alvern	Ouachita										.70										.15												1.07
ammoth Spring	White	.22										1.20									.04												1.26
arianna	Mississippi	.02										.38									.50												1.91
arked Tree	Mississippi	1.03									1.03						T.			.20													1.23
arshall	White							.20			T.	.42						T.		T.													0.62
ena	Ouachita										.86																						0.86
orrilton	Arkansas										.28																						0.28
ountain Home	White																.32			.33													0.65
ount Ida	Ouachita													.23																			0.23
urfreesboro	Ouachita										.60																						0.60
ail	White											.80									.50												1.45
ewport	White	.15				T.															.31												1.80
sceola	Mississippi	1.49									.40																						0.40
zark	Arkansas																				.62												0.62
atterson	White									.02	.54																						0.64
indall	White				.08							.25									.03												0.38
ine Bluff	Arkansas								.02		.12							.08			.70												1.57
ocahontas	White	.75										1.07						.02																1.09
ortland	Ouachita										T.	.15					.03	.02			1.74												1.94
rescott	Ouachita											.70				.50																		1.20
rinceton	Ouachita											1.26					.41																	1.67
ison	Ouachita										1.35																							1.35
ogers	Arkansas				T																												
earcy	White										T.	.57	T.				1.18	T															1.75
pringbank	Red																																
uttgart	Arkansas							.09			.03	.27				.06	.11	.05		.09													0.70
ubiaco	Arkansas				.05						.46																						0.51
exarkana	Red			.20							.20					T.	.58																0.98
mphers	Arkansas																																
aldron	Arkansas				T.		T.				.16					.31	T.																0.47
arren	Ouachita							T.	.65			.37	.75					1.00																2.77
hitecliffs	Red										T.							T.																T.
ynne	Mississippi		.10									.08									.35												0.53

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for September, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.8	3.4	3.1	3.0	3.0	2.9	3.9	3.3	3.1	2.9	2.9	2.9	2.9	3.4	4.2	4.0	3.7	3.9	4.0	3.8	3.5	3.3	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.7	
Dardanelle	do	20	1.8	1.8	1.6	1.6	1.5	1.5	1.3	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	2.2	2.2	1.8	1.6	1.9	1.8	1.7	1.5	1.3	1.1	1.0	1.0	0.9	0.9
Little Rock	do	23	0.5	0.5	0.5	0.5	0.3	0.1	0.0	0.0	†0.1	†0.2	†0.3	†0.3	†0.4	†0.4	†0.5	†0.5	†0.5	†0.5	0.0	0.5	0.4	0.3	0.4	0.3	0.2	0.1	†0.1	†0.2	†0.3	†0.4	
Pine Bluff	do	25	4.7	4.7	4.7	4.7	4.7	4.6	4.7	4.3	4.3	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.8	4.2	4.5	4.5	4.4	4.4	4.4	4.3	4.2	4.1	4.1	4.1	
Black Rock	Black	14	2.8	3.0	3.0	3.0	2.6	2.4	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6
Calico Rock	White	18	†0.4	†0.4	†0.5	†0.5	†0.5	†0.2	†0.4	†0.4	†0.5	†0.5	†0.5	†0.5	†0.2	†0.3	†0.4	†0.5	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.5	†0.5	†0.6	†0.6	†0.6	†0.6	†0.6
Batesville	do	23	4.8	4.7	4.5	4.4	4.4	4.4	4.4	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.5	4.4	1.4	4.3	4.3	4.3	4.5	4.4	4.4	4.3	4.4	4.4	4.3	4.3	4.3	4.3	
Newport	do	26	2.3	2.3	3.0	3.1	3.1	3.1	2.5	2.4	2.0	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	
Georgetown	do	22	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.7	†0.7	†0.7	†0.7	†0.5	†0.4	†0.3	†0.3	†0.3	†0.3	†0.3	†0.3	†0.3	†0.3	†0.3	†0.3	†0.3	†0.4	†0.4	†0.4	†0.4	†0.4	†0.4	†0.5	
Clarendon	do	30	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.8	6 8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	
Helena	Mississippi	42	6.7	7.3	8.3	9.2	9.9	10.1	10.0	9 5	8.8	8.0	7.5	7.4	8.1	8.7	8 7	8.3	7.7	7.2	6 6	6 1	5.8	5.5	5.3	4.9	4.6	4.4	4.3	4.2	4.2	4.0	
Arkansas City	do	42	10.0	10.0	10.2	11.0	12.2	13.0	13.6	13.7	13.4	12.9	12.2	11.4	10.9	10.6					8.9	8.3	7 7	7.2	6.9	6.6	6.3	6.0	5.6	5.1	4.9	4.6	
Camden	Ouachita	49	4.1	4.0	4.0	3 9	3.9	3 9	3.9	3.8	3.8	3.8	3.8	4.0	4.1	4.0	3 9	3.9	3.8	3 8	3.8	3.7	3 7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	
Danville	Petit Jean	20	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Fulton	Red	28	6.3	6.2	6.3	6.2	6.2	6.2	6.2	6 2	6.2	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.6	5.6	5.6	5.6	6.5	5.5	5.5	5.5	5.5	5.5	5 5	5.5	5.6	
Arkadelphia	Ouachita	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Patterson	Cache	9	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.3		3.5	3.8	4.1	4.3	4.3	4.3	4.4	4.5	1.6	4.8	4.9	4.9	4.9	4.9	4.9	4.9	

† Below zero of gage.

Daily Temperatures for September, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Amity §§	Maximum	99	100	100	98	99	102	102	100	90	83	84	89	95	95	89	90	94	84	85	88	92	91	94	91	88	63	69	94	94	92	....	91.1
	Minimum	68	67	65	65	65	67	65	65	66	66	58	49	48	50	56	57	62	57	60	54	53	53	56	57	56	48	49	52	50	54	....	57.9
Batesville §§	Maximum	87	100	99	99	97	100	101	98	98	89	78	83	88	93	91	93	88	91	88	81	80	87	81	85	86	82	85	88	82	93	....	89.7
	Minimum	71	70	68	69	66	68	70	69	68	68	57	46	46	47	50	60	60	53	52	57	54	52	53	54	53	42	42	42	47	48	....	56.7
Bee Branch	Maximum	96	93	93	92	104	106	105	106	105	100	79	86	92	96	100	94	92	96	85	83	88	89	94	96	90	87	90	92	94	97	....	94.0
	Minimum	72	67	65	70	66	66	70	70	67	63	53	46	47	51	60	64	62	59	59	58	52	54	54	57	59	50	46	52	50	50	....	58.6
Bentonville	Maximum	98	96	94	95	96	97	98	97	95	74	71	80	85	87	90	88	82	88	71	72	77	83	86	87	79	78	79	88	86	89	....	86.2
	Minimum	75	70	70	72	70	73	69	73	70	54	48	44	52	54	61	60	62	59	54	48	47	53	57	54	52	47	54	57	56	54	....	59.0
Booneville	Maximum	100	102	101	100	100	102	101	100	96	88	79	82	88	93	95	93	88	92	90	83	83	85	91	94	89	85	87	90	94	95	....	92.2
	Minimum	74	78	74	76	73	76	78	75	76	67	55	52	59	64	68	67	67	65	69	59	55	60	61	66	65	60	61	60	63	65	....	66.3
Brinkley	Maximum	88	98	100	100	101	102	100	101	100	94	88	86	91	96	95	95	87	95	89	81	79	89	92	94	86	85	86	91	92	95	....	92.5
	Minimum	75	73	72	70	72	72	70	72	74	71	71	49	50	54	65	67	62	58	62	65	55	57	57	58	60	50	46	50	54	57	....	62.3
Calico Rock §§	Maximum	92	99	100	91	99	105	101	99	98	88	78	85	90	94	99	96	90	94	92	82	88	87	92	95	85	83	87	90	93	95	....	92.2
	Minimum	70	70	70	74	69	71	71	71	66	67	56	45	45	46	56	59	61	53	54	60	51	53	54	55	52	43	42	48	48	50	....	57.7
Camden §§	Maximum	96	96	97	99	99	100	99	100	94	89	81	82	87	92	92	79	88	89	88	84	82	85	89	91	86	84	84	87	89	92	....	90.0
	Minimum	73	68	67	66	67	69	69	69	70	68	61	54	53	56	64	68	65	60	61	64	57	54	56	57	59	55	51	52	50	51	....	61.1
Conway	Maximum	97	99	100	101	102	104	102	100	96	89	81	84	89	93	95	96	91	94	91	84	84	88	91	95	88	84	87	90	93	94	....	92.7
	Minimum	75	71	69	69	67	68	70	74	71	68	57	48	50	54	63	64	63	57	61	62	52	57	55	58	61	56	45	58	50	55	....	60.9
Corning	Maximum	81	95	96	95	98	101	99	98	96	84	80	80	85	90	92	88	87	89	90	83	75	84	87	94	84	81	78	84	87	93	....	88.5
	Minimum	69	68	70	71	69	68	70	70	71	68	57	43	48	50	56	60	60	50	54	62	50	49	52	54	54	42	40	43	48	52	....	57.3
Dardanelle	Maximum	103	100	100	102	100	102	104	106	100	98	92	90	83	88	92	94	93	88	93	94	94	88	91	93	88	84	84	88	90	....	93.5
	Minimum	76	73	74	73	70	72	72	75	72	74	58	50	50	56	65	66	67	61	63	61	56	58	57	60	65	55	53	57	58	57	....	63.5
Dodd City	Maximum	94	94	94	94	99	99	95	94	95	90	75	83	88	86	93	91	85	91	85	76	79	84	91	90	86	80	83	85	88	83	....	88.3
	Minimum	75	68	69	70	67	66	65	70	66	64	48	41	48	52	58	57	60	52	59	52	45	52	51	53	53	65	60	51	45	58	....	58.0
Dumas	Maximum	94	93	95	101	96	101	98	98	95	96	80	80	85	92	93	90	85	90	92	85	82	85	92	93	85	84	86	85	94	90	....	90.5
	Minimum	70	70	70	69	68	72	72	70	71	70	62	53	54	59	67	71	65	60	64	64	59	56	57	60	60	60	45	50	55	50	....	62.4
Dutton	Maximum	94	95	95	95	95	97	97	94	92	77	74	81	84	89	91	92	86	90	89	76	81	84	88	90	84	83	85	89	89	89	....	88.2
	Minimum	70	62	63	65	62	63	63	65	62	60	45	37	42	46	53	55	53	51	53	52	40	45	46	47	48	39	43	51	46	46	....	52.4
El Dorado	Maximum	98	97	98	99	99	102	100	100	94	93	80	83	90	94	94	90	90	92	89	86	83	88	91	93	90	87	86	88	92	94	....	92.0
	Minimum	74	71	70	71	71	76	72	72	72	69	63	55	55	63	68	69	65	62	68	65	59	58	60	64	61	56	55	55	56	59	....	64.5
England	Maximum	93	98	99	100	101	102	101	100	97	93	81	85	90	95	96	94	88	92	90	85	83	88	92	94	87	84	88	90	92	95	....	92.4
	Minimum	73	71	69	68	69	69	71	71	70	68	61	50	50	55	65	68	63	59	63	62	56	56	60	59	59	54	49	52	53	58	....	61.7
Eureka Springs	Maximum	99	102	98	92	100	98	102	99	97	86	76	84	89	91	94	93	87	90	80	74	81	88	90	92	89	82	86	90	91	91	....	90.4
	Minimum	78	76	75	71	69	74	74	72	71	61	45	44	55	62	63	61	59	56	60	48	49	53	60	58	52	47	51	59	58	59	....	60.7
Fayetteville	Maximum	93	94	94	91	96	94	98	96	94	90	72	82	84	89	92	92	87	89	83	75	81	82	87	89	87	82	83	89	89	89	....	88.1
	Minimum	75	74	74	74	70	74	71	71	70	63	47	42	50	50	60	61	60	63	49	45	50	55	55	55	44	55	65	54	55	59	....	59.7
Fort Smith	Maximum	100	99	98	98	99	99	101	99	94	83	76	80	88	91	93	93	88	90	87	79	81	85	87	92	87	84	84	88	89	91	....	90.1
	Minimum	82	75	75	76	74	78	76	77	75	63	57	53	56	61	69	68	68	65	64	59	55	59	63	62	65	57	63	64	61	60	....	66.0
Grannis	Maximum	92	95	95	96	96	98	96	96	92	83	79	82	86	91	88	84	88	90	86	82	81	84	87	89	88	86	80	88	88	89	....	88.5
	Minimum	68	67	64	66	66	71	68	68	68	65	55	48	50	59	68	65	62	58	61	60	55	58	55	68	65	54	60	54	54	58	....	61.3
Gravette	Maximum	99	98	96	98	97	97	99	98	96	88	72	81	85	88	91	88	85	89	74	74	78	83	87	89	80	79	78	88	88	90	....	87.8
	Minimum	76	72	67	68	67	69	69	69	71	63	42	41	50	54	59	67	62	58	57	54	43	51	53	71	45	49	52	57	54	54	....	58.8
Hardy	Maximum	85	98	99	89	100	101	101	....	99	93	75	80	88	92	95	99	85	....	....	....	90	96	90	91	....	85	82	88	91	94	....	91.4
	Minimum	71	70	69	70	66	68	68	....	67	66	64	46	48	57	57	58	65	....	....	....	52	52	54	54	....	42	41	49	48	51	....	58.1
Hope	Maximum	101	98	101	102	102	101	99	98	92	92	83	82	....	....	87	86	92	94	92	91	90	90	93	93	92	89	86	92	94	97	....	93.2
	Minimum	75	73	73	71	72	72	70	72	71	70	60	52	....	....	55	67	62	60	59	58	60	55	58	59	60	59	56	55	54	57	....	63.0
Hot Springs	Maximum	94	96	97	98	98	98	98	96	94	90	80	83	88	92	88	90	88	90	84	91	82	85	89	92	87	84	85	87	90	90	....	90.1
	Minimum	74	71	70	69	69	71	72	72	72	68	60	50	51	58	65	66	63	60	63	65	57	56	56	61	63	58	59	52	53	57	....	62.8
Huttig	Maximum	99	98	98	98	99	100	99	99	97	97	90	88	88	92	93	90	89	90	87	89	86	81	91	91	90	87	87	89	93	94	....	92.3
	Minimum	70	68	68	68	69	73	70	71	71	70	64	57	57	63	68	72	66	63	65	66	61	59	59	61	61	57	56	52	55	55	....	63.8
Jonesboro	Maximum	79	95	97	101	98	97	96	95	92	93	77	79	86	91	92	87	82	85	90	82	75	85	91	92	81	77	83	85	90	94	....	88.2
	Minimum	68	70	73	73	73	72	72	72	73	71	61	51	54	56	66	67	63	59	59	63	55	57	59	61	60	49	48	53	57	60	....	62.5
Junction	Maximum	100	100	99	101	102	101	99	96	93	94	77	82	89	92	93	84	82	87	88	89	88	90	91	93	92	90	89	88	92	94	....	91.8
	Minimum	71	69	68	67	71	72	74	73	74	70	62	56	63	68	67	66	63	61	58	57	56	55	57	58	56	55	54	52	53	54	....	62.7
Little Rock	Maximum	92	96	96	98	98	100	98	97	93	87	79	80	86	91	91	91	86	89	89	80	81	84	88	91	83	81	83	86	88	91	....	89.1
	Minimum	75	73	73	75	74	77	77	76	75	68	59	58	56	63	69	70	68	65	66	63	59	61	62	65	64	58	57	61	59	63	....	66.3
Lutherville	Maximum	98	99	98	94	100	100	99	98	94	87	76	83	85	91	93	93	89	91	91	82	83	87	90	93	85	84	85	91	90	91	....	90.7
	Minimum	79	73	72	74	72	73	76	75	75	67	55	53	56	61	68	70	67	63	76	61	58	61	61	62	63	58	56	62	62	61	....	65.7
Magnolia	Maximum	97	96	95	95	99	99	98	99	99	90	80	77	87	92	92	91	86	88	88	85	85	86	89	90	86	83	84	87	90	92	....	90.2
	Minimum	66	67	68	69	71	76	70	72	72	70	56	56	55	63	69	69	65	63	66	59	58	56	59	62	67	58	57	56	54	56	....	63.5
Malvern	Maximum	98	100	102	103	104	105	105	103	100	94	85	87	92	99	97	95	96	94	93	86	87	88	92	95	90	87	86	90	94	97	....	94.8
	Minimum	74	72	65	69	70	71	72	74	73	71	60	53	51	54	60	69	60	61	64	64	59	57	58	60	64	57	51	54	58	53	....	62.4
Mammoth Spring	Maximum	89	95	95	96	97	98	97	95	95	92	89	80	90	94	97	91	88	92	89	80	81	90	....	91	94	85	83	86	....	....	....	90.7
	Minimum	63	69	68	68	67	68	68	69	67	59	45	37	39	42	48	48	60	43	48	53	55	45	....	49	52	53	42	41	....	....	....	54.3
Marianna	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	78	74	72	70	71	72	72	72	71	67	63	55	55	58	67	65	63	61	64	67	57	60	59	61	59	54	46	50	56	57	....	63.2
Marked Tree §§	Maximum	93	95	95	98	98	99	95	92	90	77	79	85	90	93	89	84	87	87	80	76	85	90	91	80	78	81	85	89	90	91	....	88.1
	Minimum	69	69	71	71	72	72	71	72	71	62	51	53	54	56	65	62	56	60	62	58	56	59	60	59	49	48	50	51	57	52	....	60.6
Marshall	Maximum	96	97	96	97	98	99	98	96	96	86	74	77	86	89	89	88	89	87	84	82	83	84	85	89	82	77	81	86	88	87	....	88.2
	Minimum	78	76	75	70	72	73	76	78	76	67	53	47	53	57	62	62	62	60	68	64	61	62	58	66	59	47	56	58	60	68	....	64.1
Mena	Maximum	96	98	99	97	99	87	99	98	92	84	75	82	88	92	89	89	90	93	85	84	83	87	90	92	88	87	83	89	91	93	....	90.0
	Minimum	72	70	70	86	68	72	69	71	69	65	56	48	49	68	62	67	62	62	63	54	57	53	55	68	64	58	60	56	54	57	....	62.8
Morrillton	Maximum	96	97	98	100	99	100	99	97	95	90	77	80	86	91	94	94	88	90	88	82	82	85	88	94	89	82	84	87	91	90	....	90.4
	Minimum	75	71	70	70	78	71	71	72	69	67	58	46	48	57	64	66	65	60	62	62	56	56	56	61	62	52	49	56	51	57	....	61.9
Mt. Home	Maximum	101	101	102	94	101	104	103	100	99	82	75	83	91	94	98	93	87	92	92	82	78	87	90	94	83	80	85	89	91	94	....	91.5
	Minimum	72	69	68	72	65	67	68	70	66	62	49	42	46	50	56	59	64	53	58	62	46	52	51	53	54	43	43	51	50	51	....	57.1
Mount Ida	Maximum	97	99	100	101	99	103	101	99	95	89	83	87	89	95	95	94	93	94	92	84	84	87	90	94	87	82	86	87	92	93	....	92.4
	Minimum	72	68	65	65	64	68	67	69	68	68	52	41	40	43	58	62	54	58	57	57	49	49	50	56	54	45	47	51	48	50	....	56.5
Nail	Maximum	92	92	93	94	94	95	95	94	89	80	70	79	80	86	90	89	89	89	88	79	80	79	80	81	79	80	81	83	86	88	....	85.8
	Minimum	74	73	72	71	75	78	72	70	71	60	47	50	55	62	69	65	60	65	60	55	56	53	55	57	56	50	51	59	60	64	....	62.2
Newport	Maximum	92	99	98	99	100	103	101	99	96	91	80	83	90	93	96	91	88	91	86	83	80	86	91	90	84	80	84	89	91	90	....	90.8
	Minimum	74	72	72	72	72	73	74	74	72	71	60	53	52	55	66	66	65	59	60	64	56	57	59	60	62	56	49	57	55	60	...	63.2
Osceola	Maximum	94	94	94	97	98	99	99	100	100	99	98	97	95	96	95	95	95	94	94	93	93	93	91	92	93	92	92	91	90	90	....	94.8
	Minimum	72	70	69	70	72	70	70	70	72	70	59	54	50	51	53	69	58	55	59	61	52	53	56	56	55	46	44	46	53	55	....	59.7
Ozark	Maximum	102	102	103	100	99	102	101	102	100	95	81	88	89	98	96	96	92	92	93	84	84	87	88	90	94	90	85	91	92	94	....	93.7
	Minimum	78	71	71	70	71	70	74	75	75	67	54	46	48	64	69	66	62	64	64	68	51	56	57	58	56	52	53	59	56	56	....	62.7
Pine Bluff	Maximum	95	97	99	102	100	103	102	100	97	94	84	86	89	95	95	93	88	92	92	85	85	88	92	94	89	87	89	90	92	....	....	92.9
	Minimum	72	70	69	68	79	70	72	72	70	69	62	54	54	58	67	71	65	61	64	66	57	58	57	59	62	54	50	52	55	....	....	63.3
Pocahontas	Maximum	83	95	95	97	100	102	102	97	96	93	79	84	89	94	99	95	85	90	92	85	78	88	91	93	86	80	86	90	91	93	....	90.6
	Minimum	74	74	74	73	76	78	78	73	73	71	62	62	67	71	75	69	69	67	69	68	65	65	68	70	63	57	64	67	69	70	....	69.4
Portland	Maximum	98	94	98	100	100	100	100	99	96	99	85	83	87	94	95	85	83	93	91	90	83	88	94	92	91	87	86	84	94	93	....	92.7
	Minimum	69	69	70	69	69	72	72	72	71	67	64	58	57	63	68	73	66	63	65	66	62	59	62	61	60	57	53	51	57	56	....	64.6
Prescott	Maximum	95	97	98	100	101	99	100	100	95	93	81	83	89	93	93	87	89	92	90	82	82	85	91	93	88	85	85	89	90	92	....	91.2
	Minimum	74	71	69	69	70	73	70	71	72	69	62	56	54	62	68	69	65	62	62	63	59	58	59	60	64	56	57	56	56	59	....	63.8
Rison	Maximum	98	100	100	103	102	104	103	102	98	99	80	83	89	95	96	84	87	91	83	84	83	88	92	95	88	86	89	86	93	96	....	92.0
	Minimum	73	70	69	68	69	72	71	72	71	68	58	53	54	61	66	68	64	60	63	64	57	57	58	62	61	54	50	53	55	61	....	62.3
Rogers	Maximum	99	98	98	94	98	98	101	98	96	84	72	80	87	90	91	89	84	89	79	72	78	84	87	89	80	80	80	87	87	90	....	88.0
	Minimum	76	68	67	69	65	68	65	67	67	61	46	41	47	50	57	57	65	56	59	48	44	49	51	51	55	46	51	52	52	49	....	56.6
Stuttgart	Maximum	92	99	100	102	102	102	102	99	95	97	80	82	87	94	92	93	87	91	91	83	82	88	92	94	85	83	86	89	92	93	....	91.4
	Minimum	72	71	71	78	70	71	72	77	73	71	63	53	54	57	79	67	71	58	58	57	56	56	58	58	66	53	48	52	55	57	....	63.4
Subiaco	Maximum	103	104	103	100	105	104	105	104	100	90	82	85	91	95	97	98	91	96	94	86	85	89	93	96	91	89	88	93	94	81	....	94.4
	Minimum	79	73	74	74	70	73	76	77	75	67	56	50	52	58	66	66	66	61	64	61	53	57	58	60	62	55	56	60	59	58	....	63.9
Texarkana	Maximum	95	95	97	97	98	100	96	100	97	96	85	86	90	97	94	83	93	92	91	88	88	92	95	95	94	90	87	92	93	92	....	92.9
	Minimum	75	73	71	72	73	73	72	73	74	73	63	54	54	66	69	67	65	63	62	66	59	59	61	61	62	58	60	60	58	61	....	65.5
Warren	Maximum	95	95	98	98	99	101	98	98	98	95	94	78	81	86	91	90	85	85	88	88	84	81	85	90	91	86	83	84	87	90	....	90.1
	Minimum	75	75	72	72	71	72	74	74	74	73	71	62	55	51	63	68	71	66	62	67	66	60	59	60	64	63	55	51	54	57	....	65.2
Wynne	Maximum	80	98	100	102	102	103	103	101	98	96	83	84	98	95	98	93	89	93	91	82	77	89	93	94	87	82	84	90	93	94	....	92.2
	Minimum	73	72	71	71	72	70	71	75	75	72	60	48	52	52	68	64	63	58	63	65	55	55	59	58	57	48	44	48	54	57	....	61.2

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

551.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

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ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII. LITTLE ROCK, Ark., OCTOBER, 1922. No. 10.

GENERAL SUMMARY.

The warm dry weather which characterized most of the summer and the preceding fall month continued through October. This was the seventh consecutive month during which the temperature has been above normal and the precipitation deficiency during this period is now over six inches. The dry fall has been very favorable for harvesting and for most outdoor work, but fall plowing is being delayed, ranges are in poor condition, and in some sections stock water is scarce. The rivers of the State showed low stages througout the month, the Arkansas at Little Rock being below zero the entire month, conditions at Calico Rock

551.05
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U. S. DEPARTMENT OF AGRICULTURE,
WEATHER BUREAU.
CHARLES F MARVIN, Chief.

CORRECTION, PRECIPITATION, CLIMATOLOGICAL DATA:
ARKANSAS SECTION, OCTOBER 1922, page 39.

Amity 6th, 1.33; 7th. 0.09; 16th, 0.22; 30th, 0.25; total 1.89.

Arkadelphia 7th, 0.60; 14th, 0.30; 31st, 0.21; total 1.11.

Arkansas City 7th, 2.00; 8th, 0.25; 9th, 0.03; total 2.28.

Batesville 6th, T.; 7th, 0.32; 9th, 0.34; 16th, 0.04; 17th, T.; 23d, 0.08; total 0.78.

Snow Lake total 1.56.

PRECIPITATION.

The average precipitation for the State, as determined from records kept at 74 well distributed stations, was 1.47 inches which is 1.53 inches less than the October normal. Departures are negative in practically all sections. Monthly totals ranged from 4.35 inches at Pindall to 0.15 inch at Arlberg, stations less than 40 miles apart. The greatest amount measured in 24 consecutive hours was 2.85 inches at Danville on the 7th. The average number of rainy days was 4.

Correction: September 1922; Texarkana, precipitation entries ...ng date, 0.20 should be on 4th, 0.20 on 11th, 0.58 on 17th. ...ttig, lowest temperature should be 52° on 28th. Mena, number ... clear days should be 21, cloudy, 3. Waldron, number clear ...s should be 16, partly cloudy, 9.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.02	30.41	18	29.60	31	2,972	18	s.	28	.....	.....	68
Fort Smith...	30.00	30.42	18	29.73	31	4,836	26	nw.	22	74	46	67
Little Rock..	30.00	30.38	18	29.72	31	4,977	30	nw.	7	78	50	77
Memphis....	30.06	30.40	18	29.76	7	4,818	30	nw.	7	70	51	72

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

...1; 6th, 11; 7th, 3; 14th, 1; 15th, 2; ...5; 23d, 5;31st, 3.

...11th, 1.

...25th, 1; 31st, 1.

...Lincoln, Nail; 18th, Batesville, Dodd ...lle, Gravette, Hardy, Mountain Home, ...rson, Bentonville; 19th, Heber Springs.

...ATA FOR ARKANSAS---- OCTOBER.

...re. Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
96	*24*	*3.00*		*18*	*6*	*7*	*5*
92	27	0.65	−2.35	25	4	2	2
92	27	3.26	+0.26	16	7	8	6
99	23	1.30	−1.70	24	4	3	3
96	24	1.52	−1.48	22	5	4	3
95	21	1.44	−1.56	19	6	6	4
98	25	3.59	+0.59	18	5	8	6
99	28	2.01	−0.99	21	6	4	3
100	23	5.44	+2.44	16	7	8	8
101	28	2.88	−0.12	19	7	5	5
97	32	4.31	+1.31	14	10	7	5
95	27	2.07	−0.93	18	9	4	4
90	27	2.68	−0.32	18	9	4	4
97	26	2.22	−0.78	17	8	6	4
100	20	0.94	−2.06	23	5	3	2
92	23	4.49	+1.49	15	11	5	7
94	25	2.38	−0.62	18	5	8	6
96	23	3.03	+0.03	16	7	8	6
93	24	0.48	−2.52	21	6	4	2
98	24	2.15	−0.85	21	6	4	3
96	16	5.19	+2.19	21	5	5	6
101	25	1.67	−1.33	14	9	8	5
96	22	2.97	−0.03	18	8	5	4
95	18	5.41	+2.41	13	9	9	9
93	21	1.74	−1.26	13	8	10	5
94	26	2.83	−0.17	22	4	5	4
96	21	2.30	−0.70	21	4	6	4
99	12	1.89	−1.11	21	5	5	5
100	30	3.99	+0.99	13	5	13	8
98	33	10.90	+7.90	6	5	20	14
93	25	4.39	+1.39	16	6	9	7
96	27	0.72	−2.28	23	4	4	3
98	20	1.47	−1.53	18	6	7	4
1897.....	67.6	+0.6	99	28	2.01	−0.99	21	6	4	3
1898.....	60.0	−2.3	100	23	5.44	+2.44	16	7	8	8
1899.....	65.6	+3.3	101	28	2.88	−0.12	19	7	5	5
1900.....	66.0	+3.7	97	32	4.31	+1.31	14	10	7	5
1901.....	63.7	+1.4	95	27	2.07	−0.93	18	9	4	4
1902.....	62.5	+0.2	90	27	2.68	−0.32	18	9	4	4
1903.....	60.9	−1.4	97	26	2.22	−0.78	17	8	6	4
1904.....	62.5	+0.2	100	20	0.94	−2.06	23	5	3	2
1905.....	61.1	−1.2	92	23	4.49	+1.49	15	11	5	7
1906.....	58.2	−4.1	94	25	2.38	−0.62	18	5	8	6
1907.....	61.9	−0.4	96	23	3.03	+0.03	16	7	8	6
1908.....	59.2	−3.1	93	24	0.48	−2.52	21	6	4	2
1909.....	63.0	+0.7	98	24	2.15	−0.85	21	6	4	3
1910.....	62.9	+0.6	96	16	5.19	+2.19	21	5	5	6
1911.....	62.7	+0.4	101	25	1.67	−1.33	14	9	8	5
1912.....	63.8	+1.5	96	22	2.97	−0.03	18	8	5	4
1913.....	60.1	−2.2	95	18	5.41	+2.41	13	9	9	9
1914.....	63.0	+0.7	93	21	1.74	−1.26	13	8	10	5
1915.....	63.4	+1.1	94	26	2.83	−0.17	22	4	5	4
1916.....	62.8	+0.5	96	21	2.30	−0.70	21	4	6	4
1917.....	56.6	−5.7	99	12	1.89	−1.11	21	5	5	5
1918.....	65.6	+3.3	100	30	3.99	+0.99	13	5	13	8
1919.....	66.6	+4.3	98	33	10.90	+7.90	6	5	20	14
1920.....	64.2	+1.9	93	25	4.39	+1.39	16	6	9	7
1921.....	61.6	−0.7	96	27	0.72	−2.28	23	4	4	3
1922.....	63.1	+0.8	98	20	1.47	−1.53	18	6	7	4

* Based on 30 years record.

Daily Temperatures for September, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	99	100	100	98	99	102	102	100	90	83	84	89	95	95	89	90	94	84	85	88	92	91	94	91	88	63	69	94	94	92	....	91.1
	Minimum	68	67	65	65	65	67	65	65	66	66	58	49	48	50	56	57	62	57	60	54	53	53	56	57	56	48	49	52	50	54	....	57.9
Batesville §§	Maximum	87	100	99	99	97	100	101	98	98	89	78	83	88	93	91	93	88	91	88	81	80	87	81	85	86	82	85	88	82	93	....	89.7
	Minimum	71	70	68	69	66	68	70	69	68	68	57	46	46	47	50	60	60	53	52	57	54	52	53	54	53	42	42	42	47	48	....	56.7
Bee Branch	Maximum	96	93	93	92	104	106	105	106	105	100	79	86	92	96	100	94	92	96	85	83	88	89	94	96	90	87	90	92	94	97	....	94.0
	Minimum	72	67	65	70	66	66	70	70	67	63	53	46	47	51	60	64	62	59	59	58	52	54	54	57	59	50	46	52	50	50	....	58.6
Bentonville	Maximum	98	96	94	95	96	97	98	97	95	74	71	80	85	87	90	88	82	88	71	72	77	83	86	87	79	78	79	88	86	89	....	86.2
	Minimum	75	70	70	72	70	73	69	73	70	54	48	44	52	54	61	60	62	59	54	48	47	53	57	54	52	47	54	57	56	54	....	59.0
Booneville	Maximum	100	102	101	100	100	102	101	100	96	88	79	82	88	93	95	93	88	92	90	83	83	85	91	94	89	85	87	90	94	95	....	92.2
	Minimum	74	78	74	76	73	76	78	75	76	67	55	52	59	64	68	67	67	65	69	59	55	60	61	66	65	60	61	60	63	65	....	66.3
Brinkley	Maximum	88	98	100	100	101	102	100	101	100	94	88	86	91	96	95	95	87	95	89	81	79	89	92	94	86	85	86	91	92	95	....	92.5
	Minimum	75	73	72	70	72	72	70	72	74	71	71	49	50	54	65	67	62	58	62	65	55	57	57	58	60	50	46	50	54	57	....	62.3
Calico Rock §§	Maximum	92	99	100	91	99	105	101	99	98	88	78	85	90	94	99	96	90	94	92	82	88	87	92	95	85	83	87	90	93	95	....	92.2
	Minimum	70	70	70	74	69	71	71	71	66	67	56	45	45	46	56	59	61	53	54	60	51	53	54	55	52	43	42	48	48	50	....	57.7
Camden §§	Maximum	96	96	97	99	99	100	99	100	94	89	81	82	87	92	92	79	88	89	88	84	82	85	89	91	86	84	84	87	89	92	....	90.0
	Minimum	73	68	67	66	67	69	69	69	70	68	61	54	53	56	64	68	65	60	61	64	57	54	56	57	59	55	51	52	50	51	....	61.1
Conway	Maximum	97	99	100	101	102	104	102	100	96	89	81	84	89	93	95	96	91	94	91	84	84	88	91	95	88	84	87	90	93	94	....	92.7
	Minimum	75	71	69	69	67	68	70	74	71	68	57	48	50	54	63	64	63	57	61	62	52	57	55	58	61	56	45	58	50	55	....	60.9
Corning	Maximum	81	95	96	95	98	101	99	98	96	84	80	80	85	90	92	88	87	89	90	83	75	84	87	94	84	81	78	84	87	93	....	88.5
	Minimum	69	68	70	71	69	68	70	70	71	68	57	43	48	50	56	60	60	50	54	62	50	49	52	54	54	42	40	43	48	52	....	57.3
Dardanelle	Maximum	103	100	100	102	100	102	104	106	100	98	92	90	83	88	92	94	93	88	93	94	94	83	88	91	93	88	84	84	88	90	....	93.5
	Minimum	76	73	74	73	70	72	72	75	72	74	58	50	50	56	65	66	67	61	63	61	56	58	57	60	65	55	53	57	58	57	....	63.5
Dodd City	Maximum	94	94	94	94	99	99	95	94	95	90	75	83	88	86	93	91	85	91	85	76	79	84	91	90	86	80	83	85	88	83	....	88.3
	Minimum	75	68	69	70	67	66	65	70	66	64	48	41	48	52	58	57	60	52	59	52	45	52	51	53	53	65	60	51	45	58	....	58.0
Dumas	Maximum	94	93	95	101	96	101	98	98	95	96	80	80	85	92	93	90	85	90	92	85	82	85	92	93	85	84	86	85	94	90	....	90.5
	Minimum	70	70	70	69	68	72	72	70	71	70	62	53	54	59	67	71	65	60	64	64	59	56	57	60	60	60	45	50	55	50	....	62.4
Dutton	Maximum	94	95	95	95	95	97	97	94	92	77	74	81	84	89	91	92	86	90	89	76	81	84	88	90	84	83	85	89	89	89	....	88.2
	Minimum	70	62	63	65	62	63	63	65	62	60	45	37	42	46	53	55	53	51	53	52	40	45	46	47	48	39	43	51	46	46	....	52.4
El Dorado	Maximum	98	97	98	99	99	102	100	100	94	93	80	83	90	94	94	90	90	92	89	86	83	88	91	93	90	87	86	88	92	94	....	92.0
	Minimum	74	71	70	71	71	76	72	72	72	69	63	55	55	63	68	69	65	62	68	65	59	58	60	64	61	56	55	55	56	59	....	64.5
England	Maximum	93	98	99	100	101	102	101	100	97	93	81	85	90	95	96	94	88	92	90	85	83	88	92	94	87	84	88	90	92	95	....	92.4
	Minimum	73	71	69	68	69	69	71	71	70	68	61	50	50	55	65	68	63	59	63	62	56	56	60	59	59	54	49	52	53	58	....	61.7
Eureka Springs	Maximum	99	102	98	92	100	98	102	99	97	86	76	84	89	91	94	93	87	90	80	74	81	88	90	92	89	82	86	90	91	91	....	90.4
	Minimum	78	76	75	71	69	74	74	72	71	61	45	44	55	62	63	61	59	56	60	48	49	53	60	58	52	47	51	59	58	59	....	60.7
Fayetteville	Maximum	93	94	94	91	96	94	98	96	94	90	72	82	84	89	92	92	87	89	83	75	81	82	87	89	87	82	83	89	89	89	....	88.1
	Minimum	75	74	74	74	70	74	71	71	70	63	47	42	50	50	60	61	60	63	63	49	45	50	55	55	55	44	55	65	54	55	....	59.7
Fort Smith	Maximum	100	99	98	98	99	99	101	99	94	83	76	80	88	91	93	93	88	90	87	79	81	85	87	92	87	84	84	88	89	91	....	90.1
	Minimum	82	75	75	76	74	78	76	77	75	63	57	53	56	61	69	68	68	65	64	59	55	59	63	[illegible]								
Grannis	Maximum	92	95	95	96	96	98	96	96	93	88	79	83	88	91	93	93	88	92	90	85	84	87	90	92	89	80	80	80	87	87	90	....	88.0
	Minimum	68	67	64	66	66																											
Gravette	Maximum	99	98	96	98	97																											
	Minimum	76	72	67	68	67																											
Hardy	Maximum	85	98	99	89	100																											
	Minimum	71	70	69	70	66																											
Hope	Maximum	101	98	101	102	102																											
	Minimum	75	73	73	71	72																											
Hot Springs	Maximum	94	96	97	98	98																											
	Minimum	74	71	70	69	69																											
Huttig	Maximum	99	98	98	98	99																											
	Minimum	70	68	68	68	69																											
Jonesboro	Maximum	79	95	97	101	98																											
	Minimum	68	70	73	73	73																											
Junction	Maximum	100	100	99	101	102																											
	Minimum	71	69	68	67	71																											
Little Rock	Maximum	92	96	96	98	98																											
	Minimum	75	73	73	75	74																											
Lutherville	Maximum	98	99	98	94	100																											
	Minimum	79	73	72	74	72																											
Magnolia	Maximum	97	96	95	95	99																											
	Minimum	66	67	68	69	71																											
Malvern	Maximum	98	100	102	103	104																											
	Minimum	74	72	65	69	70																											
Mammoth Spring	Maximum	89	95	95	96	97																											
	Minimum	63	69	68	68	67																											
Marianna	Maximum																																
	Minimum	78	74	72	70	71																											
Marked Tree §§	Maximum	93	95	95	98	98																											
	Minimum	69	69	71	71	72																											
Marshall	Maximum	96	97	96	97	98																											
	Minimum	78	76	75	70	72																											
Mena	Maximum	96	98	99	97	99																											
	Minimum	72	70	70	86	68																											
Morrillton	Maximum	96	97	98	100	99																											
	Minimum	75	71	70	70	78																											
Mt. Home	Maximum	101	101	102	94	101																											
	Minimum	72	69	68	72	65																											
Mount Ida	Maximum	97	99	100	101	99																											
	Minimum	72	68	65	65	64	68	67	69	68	68	52	41	40	43	58	62	54	58	57	57	49	49	50	56	54	45	47	51	48	50	....	56.5
Nail	Maximum	92	92	93	94	94	95	95	94	89	80	70	79	80	86	90	89	89	89	88	79	80	79	80	81	79	80	81	83	86	88	....	85.8
	Minimum	74	73	72	71	75	78	72	70	71	60	47	50	55	62	69	65	60	65	60	55	56	53	55	57	56	50	51	59	60	64	....	62.2
Newport	Maximum	92	99	98	99	100	103	101	99	96	91	80	83	90	93	96	91	88	91	86	83	80	86	91	90	84	80	84	89	91	90	....	90.8
	Minimum	74	72	72	72	72	73	74	74	72	71	60	53	52	55	66	66	65	59	60	64	56	57	59	60	62	56	49	57	55	60	...	63.2
Osceola	Maximum	94	94	94	97	98	99	99	100	100	99	98	97	95	96	95	95	95	94	94	93	93	93	91	92	93	92	92	91	90	90	....	94.8
	Minimum	72	70	69	70	72	70	70	70	72	70	59	54	50	51	53	69	58	55	59	61	52	53	56	56	55	46	44	46	53	55	....	59.7
Ozark	Maximum	102	102	103	100	99	102	101	102	100	95	81	88	89	98	96	96	92	92	93	84	84	87	88	90	94	90	85	91	92	94	....	93.7
	Minimum	78	71	71	70	71	71	70	74	75	75	67	54	46	48	64	69	66	62	64	64	68	51	56	57	58	56	52	53	59	56	56	....	62.7
Pine Bluff	Maximum	95	97	99	102	100	103	102	100	97	94	84	86	89	95	95	93	88	92	92	85	85	88	92	94	89	87	89	90	92	....	....	....	92.9
	Minimum	72	70	69	68	79	70	72	72	70	69	62	54	54	58	67	71	65	61	64	66	57	58	57	59	62	54	50	52	55	....	....	....	63.3
Pocahontas	Maximum	83	95	95	97	100	102	102	97	96	93	79	84	89	94	99	95	85	90	92	85	78	88	91	93	86	80	86	90	91	93	....	90.[illegible]
	Minimum	74	74	74	73	76	78	78	73	73	71	62	62	67	71	75	69	69	67	69	68	65	65	68	70	63	57	64	67	69	70	....	69.[illegible]
Portland	Maximum	98	94	98	100	100	100	100	99	96	99	85	83	87	94	95	85	83	93	91	90	83	88	94	92	91	87	86	84	94	93	....	92.[illegible]
	Minimum	69	69	70	69	69	72	72	72	71	67	64	58	57	63	68	73	66	63	65	66	62	59	62	61	60	57	53	51	57	56	....	64.[illegible]
Prescott	Maximum	95	97	98	100	101	99	100	100	95	93	81	83	89	93	93	87	89	92	90	82	82	85	91	93	88	85	85	89	90	92	....	91.2
	Minimum	74	71	69	69	70	73	70	71	72	69	62	56	54	62	68	69	65	62	62	63	59	58	59	60	64	56	57	56	56	59	....	63.8
Rison	Maximum	98	100	100	103	102	104	103	102	98	99	80	83	89	95	96	84	87	91	83	84	83	88	92	95	88	86	89	86	93	96	...	....	92.6
	Minimum	73	70	69	68	69	72	71	72	71	68	58	53	54	61	66	68	64	60	63	64	57	57	58	62	61	54	50	53	55	61	....	....	62.7
Rogers	Maximum	99	98	98	94	98	98	101	98	96	84	72	80	87	90	91	89	84	89	79	72	78	84	87	89	80	80	80	87	87	90	....	....	88.0
	Minimum	76	68	67	69	65	68	65	67	67	61	46	41	47	50	57	57	65	56	59	48	44	49	51	51	55	46	51	52	52	49	....	....	56.6
Stuttgart	Maximum	92	99	100	102	102	102	102	99	95	97	80	82	87	94	92	93	87	91	91	83	82	88	92	94	85	83	86	89	92	93	....	....	91.8
	Minimum	72	71	71	78	70	71	72	77	73	71	63	53	54	57	79	67	71	58	58	57	56	56	58	58	66	53	48	52	55	57	....	....	63.4
Subiaco	Maximum	103	104	103	100	105	104	105	104	100	90	82	85	91	95	97	98	91	96	94	86	85	89	93	96	91	89	88	93	94	81	....	....	94.4
	Minimum	79	73	74	74	70	73	76	77	75	67	56	50	52	58	66	66	66	61	64	61	53	57	58	60	62	55	56	60	59	58	....	....	63.9
Texarkana	Maximum	95	95	97	97	98	100	96	100	97	96	85	86	90	97	94	83	93	92	91	88	88	92	95	95	94	90	87	92	93	92	....	....	92 9
	Minimum	75	73	71	72	73	73	72	73	74	73	63	54	54	66	69	67	65	63	62	66	59	59	61	61	62	58	60	60	58	61	....	....	65.2
Warren	Maximum	95	95	98	98	99	101	98	98	98	95	94	78	81	86	91	90	85	85	88	88	84	81	85	90	91	86	83	84	87	90	....	....	90.1
	Minimum	75	75	72	72	71	72	74	74	74	73	71	62	55	51	63	68	71	66	62	67	66	60	59	60	64	63	55	51	54	57	....	....	65.2
Wynne	Maximum	80	98	100	102	102	103	103	101	98	96	83	84	98	95	98	93	89	93	91	82	77	89	93	94	87	82	84	90	93	94	....	....	92.4
	Minimum	73	72	71	71	72	70	71	75	75	72	60	48	52	52	68	64	63	58	63	65	55	55	59	58	57	48	44	48	54	57	....	....	61.7

U. S. Department of Agriculture,
WEATHER BUREAU.
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§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

DEC 8 1922

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII. LITTLE ROCK, ARK., OCTOBER, 1922. No. 10.

GENERAL SUMMARY.

The warm dry weather which characterized most of the summer and the preceding fall month continued through October. This was the seventh consecutive month during which the temperature has been above normal and the precipitation deficiency during this period is now over six inches. The dry fall has been very favorable for harvesting and for most outdoor work, but fall plowing is being delayed, ranges are in poor condition, and in some sections stock water is scarce. The rivers of the State showed low stages througout the month, the Arkansas at Little Rock being below zero the entire month, conditions at Calico Rock and Georgetown on the White, and at Dam No. 1 on the Little Red being practically the same.

There were 18 clear days, 6 partly cloudy, and 7 cloudy, all being normal. Sunshine averaged about 71% of the possible. The prevailing wind was from the south, averaging about 6 miles per hour. The maximum velocity recorded during the month was at Little Rock, 30 miles per hour from the northwest on the 7th.

W. C. H.

TEMPERATURE.

The mean temperature for the month of October, as determined from the records of 51 stations, was 63.1° which is 0.8° above normal. Six scattered stations showed negative departures, the others positive. The highest monthly mean was 67.0° at Texarkana, the lowest, 57.2° at Nail. The highest temperature recorded during the month was 98° at Rison on the 4th. The lowest was 20°, at Dodd City and Dutton on the 18th. The highest occurred within the first five days of the month in all stations, the lowest from the 18th to the 24th. The greatest daily range was 53° at Amity on the 25th.

PRECIPITATION.

The average precipitation for the State, as determined from records kept at 74 well distributed stations, was 1.47 inches which is 1.53 inches less than the October normal. Departures were negative in practically all sections. Monthly totals ranged from 4.35 inches at Pindall to 0.15 inch at Arlberg, stations less than 40 miles apart. The greatest amount measured in 24 consecutive hours was 2.85 inches at Danville on the 7th. The average number of rainy days was 4.

Correction: September 1922; Texarkana, precipitation entries during date, 0.20 should be on 4th, 0.20 on 11th, 0.58 on 17th. Ottig, lowest temperature should be 52° on 28th. Mena, number clear days should be 21, cloudy, 3. Waldron, number clear days should be 16, partly cloudy, 9.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	30.02	30.41	18	29.60	31	2,972	18	s.	28	.....	.....	68
Fort Smith...	30.00	30.42	18	29.73	31	4,836	26	nw.	22	74	46	67
Little Rock..	30.00	30.38	18	29.72	31	4.977	30	nw.	7	78	50	77
Memphis....	30.06	30.40	18	29.76	7	4,818	30	nw.	7	70	51	72

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 5th 1; 6th, 11; 7th, 3; 14th, 1; 15th, 2; 16th, 1; 18th, 1; 22d, 5; 23d, 5; 31st, 3.

Dense Fog:— 10th, 1; 11th, 1.

Lunar Halos:— 1st, 1; 25th, 1; 31st, 1.

Killing Frost:— 17th, Lincoln, Nail; 18th, Batesville, Dodd City, Dutton, Fayetteville, Gravette, Hardy, Mountain Home, Rogers, Waldron, Patterson, Bentonville; 19th, Heber Springs.

COMPARATIVE DATA FOR ARKANSAS---- OCTOBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Normal**	*62.3*		*96*	*24*	*3.00*		*18*	*6*	7	*5*
1891.....	60.4	−1.9	92	27	0.65	−2.35	25	4	2	2
1892.....	63.8	+1.5	92	27	3.26	+0.26	16	7	8	6
1893.....	60.5	−1.8	99	23	1.30	−1.70	24	4	3	3
1894.....	63.0	+0.7	96	24	1.52	−1.48	22	5	4	3
1895.....	57.1	−5.2	95	21	1.44	−1.56	19	6	6	4
1896.....	60.8	−1.5	98	25	3.59	+0.59	18	5	8	6
1897.....	67.6	+5.3	99	28	2.01	−0.99	21	6	4	3
1898.....	60.0	−2.3	100	23	5.44	+2.44	16	7	8	8
1899.....	65.6	+3.3	101	28	2.88	−0.12	19	7	5	5
1900.....	66.0	+3.7	97	32	4.31	+1.31	14	10	7	6
1901.....	63.7	+1.4	95	27	2.07	−0.93	18	9	4	4
1902.....	62.5	+0.2	90	27	2.68	−0.32	18	9	4	4
1903.....	60.9	−1.4	97	26	2.22	−0.78	17	8	6	4
1904.....	62.5	+0.2	100	20	0.94	−2.06	23	5	3	2
1905.....	61.1	−1.2	92	23	4.49	+1.49	15	11	5	7
1906.....	58.2	−4.1	94	25	2.38	−0.62	18	5	8	6
1907.....	61.9	−0.4	96	23	3.03	+0.03	16	7	8	6
1908.....	59.2	−3.1	93	24	0.48	−2.52	21	6	4	2
1909.....	63.0	+0.7	98	24	2.15	−0.85	21	6	4	3
1910.....	62.9	+0.6	96	16	5.19	+2.19	21	5	5	6
1911.....	62.7	+0.4	101	25	1.67	−1.33	14	9	8	5
1912.....	63.8	+1.5	96	22	2.97	−0.03	18	8	5	4
1913.....	60.1	−2.2	95	18	5.41	+2.41	13	9	9	9
1914.....	63.0	+0.7	93	21	1.74	−1.26	13	8	10	5
1915.....	63.4	+1.1	94	26	2.83	−0.17	22	4	5	4
1916.....	62.8	+0.5	96	21	2.30	−0.70	21	4	6	4
1917.....	56.6	−5.7	99	12	1.89	−1.11	21	5	5	5
1918.....	65.6	+3.3	100	30	3.99	+0.99	13	5	13	8
1919.....	66.6	+4.3	98	33	10.90	+7.90	6	5	20	14
1920.....	64.2	+1.9	93	25	4.39	+1.39	16	6	9	7
1921.....	61.6	−0.7	96	27	0.72	−2.28	23	4	4	3
1922.....	63.1	+0.8	98	20	1.47	−1.53	18	6	7	4

* Based on 30 years record.

Climatological Data for October, 1922.

Station.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark		29	61.5	− 1.2	93	1†	31	18†	53	1.89	−0 77	1.33	0	4	20	11	0	ne.	Albert Dillard.
Arkadelphia	Clark	186	26	.....	.....	.....	.....	.....	.....	....	1.11	−1.26	0.60	0	2	15	0	16	sw.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	2.28	+0.36	2.00	0	3	14	9	8	e.	Geo. E. Payne.
Arlberg	Stone	760	1	.....	.....	.....	.....	.....	.....	.....	0.15	.....	0.07	0	4	19	5	7	.....	J. D. Reeves.
Batesville	Independence	277	23	60.4	− 1.1	95	2	28	18†	50	0.78	−2.27	0.34	0	4	20	2	9	se.	Mrs. Leha I. Teter
Bee Branch	Van Buren		30	62.9	+ 0.7	96	1	31	19	49	1.75	−0.85	0.75	0	4	17	6	8	se.	J. E. Scanlan.
Bentonville	Benton	1303	16	60.4	+ 2.4	89	4	25	18	45	1.66	−1.75	0.60	0	6	16	8	7	sw.	U. S. Weather Bureau.
Black Rock	Lawrence	259	20	.....	.....	.....	.....	.....	.....	.....	0.97	−1.45	0.64	0	5	22	2	7	.....	Vernon C. Howe.
Booneville	Logan	600	8	66.0	.....	94	5	37	19	34	1.04	.....	0.65	0	2	21	5	5	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	40	65.1	+ 3.1	93	1†	33	19	49	1.37	−1.40	0.58	0	3	21	4	6	s.	H. L. D. Whitson.
Calico Rock	Izard	361	18	61.0	.....	95	1†	30	18	50	1.20	−1.23	1.10	0	2	15	8	8	s.	W. J. Copp.
Camden	Ouachita	158	36	62.4	− 1.2	90	1†	32	24	49	0.74	−1.63	0.47	0	4	12	9	10	ne.	A. B. Quarterman.
Clarendon	Monroe	200	18	.....	.....	.....	.....	.....	.....	.....	1.02	−1.86	0.60	0	5	15	4	12	ne.	L. W. Bishop
Clinton	Van Buren	516	1	.....	.....	.....	.....	.....	.....	.....	1.94	.....	1.35	0	5	19	7	5	w.	Dr J. M. Hunter.
Conway	Faulkner	309	38	63.7	+ 2.5	95	2	30	19	49	0.88	−1.68	0.39	0	6	18	8	5	e.	E. E. Cordrey.
Corning	Clay	293	22	61.2	+ 2.1	92	4	26	18	48	0.69	−2.33	0.25	0	5	19	4	8	s.	Rev. N. E. Skinner.
Dam No. 1. ‡‡	White	190	1	.....	.....	.....	.....	.....	.....	.....	1.53	....	0 85	0	4	21	0	10	.....	H. S. Cooper
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	3.90	.....	2.85	0	3	19	0	12	.....	C. P. Evans.
Dardanelle	Yell	330	36	64.8	+ 2.3	93	1	34	19	44	2.88	+0.35	2 70	0	2	17	0	14	w.	J. D. Riley.
Dodd City	Marion	1175	40	60.0	+ 1.1	91	4	20	18	46	0.36	−2.64	0.17	0	3	0	18	4	s.	Neal Dodd.
Dumas	Desha	162	15	63.8	− 1.3	94	1	33	19	46	1.15	−1.58	0.85	0	3	11	16	4	.....	Ben. Johnson.
Dutton	Madison	1590	20	57.2	− 1.6	88	1†	20	18	49	1.81	−1.39	1.31	0	5	16	12	3	s.	J. M. Ricketts
El Dorado	Union	270	18	65.8	+ 1.2	91	1	37	19†	43	0.83	−1.36	0.65	0	4	18	4	9	n.	J. J. Babl
England	Lonoke	229	15	66.0[f]	+ 3.7	93[f]	2†	35[f]	24	46[f]	0.46	−1.99	0.35	0	3	17[f]	3[f]	5[f]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	61.4	+ 4.6	93	4	28	18	41	1.05	−1.72	0.44	0	3	16	12	3	sw.	George W. Nicholalds.
Fayetteville	Washington	1451	36	62.5	+ 2.6	93	3	25	18	48	0.69	−2 39	0.30	0	4	15	9	7	s.	University of Arkansas.
Fort Smith	Sebastian	481	40	64.3	+ 2.6	90	5	37	18	36	2.80	−0.03	1.96	0	6	15	9	7	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	3.17	+1.27	2.23	0	5	16	9	6	e.	T. J Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	1.45	....	1.06	0	3	23	3	5	e.	Cleve Bell.
Grannis	Polk	900	4	63.2	.....	89	2†	36	19	39	0.82	.....	0.43	0	5	22	4	5	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	60.2	+ 0.8	90	4	22	18	46	0.74	−2.25	0.27	0	4	21	2	8	sw.	A. F. Stevens.
Hardy	Sharp	643	25	61.6[h]	+ 0.6	92[h]	1†	28[h]	18†	47[h]	2.06	−0.57	0.99	0	3	15[h]	3[h]	5[h]	ne.	Mrs. D S Madden.
Harrison	Boone	1100	24	57.8	− 1.3	88	4	32	20	41	2.80	+0.34	1.20	0	6	19	8	4	sw.	A. C. Brooks.
Heber Springs	Cleburne	485	1	.....	.....	.....	.....	.....	.....	.....	0.95	.....	0.40	0	5	20	5	6	e.	E. C. Spranhurst.
Helena	Phillips	182	51	....	.....	.....	.....	.....	.....	.....	3.30	+0.94	1.60	0	4	17	4	10	.....	James A. Burnett.
Higden	Cleburne	445	4	.....	.....	.....	.....	.....	.....	.....	1.39	.....	0 62	0	6	25	5	1	n.	J. A. Ingram.
Hope	Hempstead	377	50	65.9	+ 3.0	95	4	36	24	46	1.38	−1.86	0.50	0	4	24	1	6	n.	N. P. O'Neal.
Huttig	Union		15	65.6	+ 1.0	93	7	34	24	47	0.30	−1.90	0 30	0	1	19	5	7	n.	J. L. Collett.
Jonesboro	Craighead	345	27	63.0	+ 0.4	93	1	34	18	40	2.16	−0.84	0.92	0	6	20	6	5	e.	Benedictine Sisters.
Lincoln	Washington	1500	1	.....	.....	.....	.....	.....	.....	.....	0.30	.....	0.20	0	2	20	5	6	se.	L. E. Nabers.
Little Rock	Pulaski	286	43	65.2	+ 1.6	90	2	40	18	34	0.77	−1.78	0.55	0	4	16	8	7	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	25	64.8	+ 3.6	91	3	36	18	35	1.64	−1.92	1.52	0	2	15	10	6	e.	H. Kaufield.
Magnolia	Columbia	315	4	65.2	.....	90	1†	36	19	44	1.85	.....	1.10	0	3	10	10	11	n.	State Agriculture School.
Malvern	Hot Springs	277	39	64.0	+ 1.3	95	5	35	19	46	2.68	+0.3,	2.35	0	2	22	4	5	s.	Clark Houston.
Mammoth Spring	Fulton	512	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. Wallick.
Marianna	Lee	235	13	.....	.....	.....	.....	34	19	.....	0.39	.....	0.21	0	3	17	8	6	se.	C. N. Houck.
Marked Tree	Poinsett	229	17	61.6	....	90	2	33	17†	44	1.49	−3.05	0.77	0	6	19	6	6	s	Charles Walton.
Marshall	Searcy	1083	7	63.2	.....	89	5	31	18	38	1.77	.....	1.03	0	3	15	12	4	sw.	W. F. Reeves.
Mena	Polk	1208	34	63.8	+ 1.4	92	5	35	19	37	2.71	−0.54	2.52	0	4	17	6	8	s.	E. W. St. John.
Morrillton	Conway	347	2	63.8	.....	91	2†	34	19	40	0.81	.....	0.38	0	5	19	8	4	se.	J. W. Jackson.
Mountain Home	Baxter	800	8	62.2	.....	95	2	29	18	47	3.39	.....	2.00	0	5	25	2	4	n.	B. S. Halbert.
Mount Ida	Montgomery	730	24	58.8	.....	95	1	28	19	49	2 63	−0.59	2.20	0	4	18	6	7	sw	G. A. Whittington.
Murfreesboro ‡‡	Pike	367	6	.....	.....	.....	.....	.....	.....	.....	2.12	.....	1.38	0	3	14	6	11	.....	Henry A. Davis.
Nail	Newton	2233	29	59.6	+ 0.6	88	5	31	17	35	1.55	−2.16	0.80	0	5	13	13	5	s.	Charles Paxton.
Newport	Jackson	231	38	64.5	− 3.6	94	1†	35	16	39	2.15	−0.25	1.12	0	6	18	10	3	s.	George L Robinson.
Osceola	Mississippi	240	22	62.6[j]	+ 2.1	92[j]	2	30	18†	45	1.00	−1.23	0.73	0	3	21	0	10	.....	Steve Ralph Jr.
Ozark	Franklin	450	26	62.3[a]	− 1.2	94[a]	3	30[a]	18	45[a]	0.99	−1.97	0 65	0	2	10	10	11	nw.	Isham Burrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	1.15	.....	0.68	0	4	23	0	8	n.	W. E. Baker.
Pindall	Searcy		1	.....	.....	.....	.....	.....	.....	.....	4.35	.....	2.80	0	7	19	5	7	se.	W. W. Wood.
Pine Bluff	Jefferson	215	38	64.4[b]	+ 1.2	96[b]	3	35[b]	24†	47[b]	0.43	−1.92	0.26	0	4	14	11	6	sw.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	30	.....	.....	93	3	.....	.....	.....	0.68	−1.99	0.35	0	4	18	6	7	n.	Benedictine Sisters.
Portland	Ashley	122	16	63.8	+ 0.4	91	1	34	24†	50	0.25	−2.18	0.25	0	1	18	12	1	n.	W. E. Edmiston.
Prescott	Nevada	327	40	65.4	+ 1.4	92	1	39	24	43	1.11	−1.09	0.36	0	6	19	6	6	n.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	1.45	−0.95	1.35	0	2	26	2	3	.....	Foote Coleman.
Rison	Cleveland	243	18	64.6[a]	+ 1.8	98[a]	4	35[a]	19	43[a]	1.10	−1.43	0.85	0	2	13[a]	13[a]	4[a]	nw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	60.0	+ 0.6	90	4	24	18	50	0.66	−2.04	0 38	0	3	21	5	5	s.	Carl A. Starck.
Snow Lake	Arkansas		1	62.6	.....	91	1†	31	18	45	1.56	.....	0.88	0	3	16	8	7	.....	I. L. Britts.
Springbank ‡‡	Miller	240	10	.....	.....	.....	.....	.....	.....	.....	0.81	−1.06	0.43	0	3	24	1	6	.....	Miss Grace Field.
Stuttgart	Arkansas	228	34	64.5	+ 2.4	95	1	34	18†	44	1.44	−1.32	0.80	0	4	17	9	5	nw.	H. A. Buerkle.
Subiaco	Logan	1050	25	65.3	+ 1.9	94	3†	34	18	42	0.90	−2.19	0.64	0	2	17	9	5	s.	New Subiaco Abbey.
Texarkana	Miller	332	40	67.0	+ 1.5	94	3	38	24	41	1.35	−0.85	0.40	0	6	24	2	5	e.	H. S. Brashear.
Waldron	Scott	675	4	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.44	0	3	16	4	11	ne.	Dr. Cheves. Bevil.
Warren	Bradley	206	27	65.1	+ 1.3	92	1	37	24	42	0.92	−2.23	0.70	0	2	20	6	5	e.	Mrs. J. L. Clegg.
Whitecliffs	Little River		17	.....	.....	.....	.....	.....	.....	.....	3.76	+1.50	2.70	0	4	20	4	7	sw.	Miss Eulela M. Schirmer.
Wynne	Cross	250	14	64.7	+ 3.3	95	1	32	18†	41	1.17	−2.14	0.85	0	5	20	2	9	s.	J. M. Larkan.
State Means and Extremes				63.1	+ 0.8	98	4	20	18	53	1.47	−1.53	2.85	0	4	18	6	7	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.; Dam No. 1; Judsonia, Ark.

Daily Precipitation for October, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita						1.33	.09																									1.89
Arkadelphia	Ouachita							.60									.22														.25		1.11
Arkansas City	Mississippi					T.	2.00	.25	.03						.30																	.21	2.28
Arlberg	White					.07	.06	.01															.01										0.15
Batesville	White						.32		.34								.04	T.					.08										0.78
Bee Branch	Arkansas					.75	.40	.50									.10																1.75
Bentonville ***	Arkansas				T.	T.	.28	.08						.25	.15	.01						T.									.29	1.06
Black Rock	White						.64	T.	.19							.02	.08						.04										0.97
Booneville	Arkansas					.39	.65																										1.04
Brinkley	White					T.	.58																.31								.48	1.37
Calico Rock	White						1.10		T.								T.	T.					.10										1.20
Camden	Ouachita					.01	.47	.25									.01																0.74
Clarendon	White					T.	.60		.18								.05	.15					.04										1.02
Clinton	White					1.35	.45	.09	.04								.03																1.96
Conway	Arkansas					.39	.09	.10	.14						.04		.12																0.88
Corning	White					.03	.25		.15								.18						.08										0.69
Dam No. 1	White					.85		.25									.18						.25										1.53
Danville	Arkansas					.25	2.85	T.									.80	T.															3.90
Dardanelle	Arkansas					.18	2.70																										2.88
Dodd City	White							.17							.11	.08																	0.36
Dumas	Arkansas				T.	.85	.12	.18	T.							T.	T.																1.15
Dutton	White					1.31	.10	.15								.08							.17										1.81
El Dorado	Ouachita				T.	.07	.10	.65															.01										0.83
England	Arkansas					.08	.35	.03															T.										0.46
Eureka Springs	White					T.	.18	.44							.43								T.										1.05
Fayetteville	White						.15	.02							.22	.30																	0.69
Fort Smith ***	Arkansas				T.	.03	.80	T.						T.	.02	.03						.02									1.90	2.80
Fulton	Red					T.	2.23	.35								.24	.22	.13															3.17
Georgetown	White						1.06		.29														.10										1.45
Grannis	Red					.43	.22									.11	.01														.05	0.82
Gravette	Arkansas						.25	.17						T.	.27							.05									T.	0.74
Hardy	White						.80									.27													.99			2.06
Harrison	White					1.20	.50	.70							.20	.10							.10										2.80
Heber Springs	White					.40	.33	.09	.07							.06																	0.95
Helena	Mississippi					T.	1.60	.10	1.54	.06																							3.30
Higden	White					.62	.43	.02	.04								.04						.24										1.39
Hope	Red					.50	.45		T.								.21	.22															1.38
Huttig	Ouachita																																0.30
Jonesboro	White					.16	.92		.23								22						.51									.12	2.16
Lincoln	Arkansas								.20						.10																		0.30
Little Rock ***	Arkansas					.13	.04	T.	T.							T.	.55					T.	.05										0.77
Lubberville	Arkansas					1.52	.12																										1.64
Magnolia	Red				.05	1.10	.70																										1.85
Malvern	Ouachita						2.35										T.	.33															2.68
Mammoth Spring	White																																
Marianna	Mississippi					.21	.14		.04																								0.39
Marked Tree	Mississippi						.77		.34		.04						.18	.09					.07										1.49
Marshall	White					1.03	.70	T.									T.						.04									T.	1.77
Mena	Ouachita					.03	2.52	.13									.03	T.															2.71
Morrilton	Arkansas					.38	.07		.12						.06	.18																	0.81
Mountain Home	White					2.00	1.03	.06							.25	.05																	3.39
Mount Ida	Ouachita				.05	2.20	.13									.25																	2.63
Murfreesboro	Ouachita						1.38	.35								.39																	2.12
Nail	White					.80	.10	.05								T.							.10									.50	1.55
Newport	White					.04	1.12		.18							.24	.06						.51										2.15
Osceola	Mississippi						.73		.10	T.						T.							.17										1.00
Ozark	Arkansas				T.	.65	.34	T.															T.										0.99
Patterson	White					.07	.68		.10							.30																	1.15
Pindall	White					2.80	1.02	.04	.11						.08	.04																	1.35
Pine Bluff	Arkansas							.26		.03	T.						.02	.12															0.43
Pocahontas	White						.35		.20							.10							.03										0.68
Portland	Ouachita							.25																									0.25
Prescott	Ouachita					.23	.36	.10								.32	.07	.03				T.	T.										1.11
Princeton	Ouachita						1.35									.10																	1.45
Rison	Ouachita					.85	.25																										1.10
Rogers	Arkansas					T.	.16	T.							.38	.12						T.											0.66
Snow Lake	Mississippi					.88	.08																									.60	1.66
Springbank	Red					.08	T.	T.								T.	.30	.43					T.										0.81
Stuttgart	Arkansas					.80	.34		.08							.22																	1.44
Subiaco	Arkansas					.26	.64																T.										0.90
Texarkana	Red				.23	.40	.10								T.	.35	.20					T.									.07	1.35
Umpires	Arkansas																																
Waldron	Arkansas					.44	.34								T.	.02					T.												0.80
Warren	Ouachita					.70	.22	T.																									0.92
Whitecliffs	Red					T.	2.70	.70	T.							.18	.18																3.76
Wynne	Mississippi						.85	.05	.10							.12							.05										1.17

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau stations; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for September, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Dardanelle	do	20	0.8	0.8	0.8	0.7	0.7	0.7	1.5	1.0	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Little Rock	do	23	†0.5	†0.5	†0.6	†0.7	†0.7	†0.7	†0.7	†0.5	†0.4	†0.3	†0.4	†0.5	†0.5	†0.6	†0.8	†0.8	†0.8	†0.8	†0.8	†0.9	†0.9	†1.0	†1.1	†1.1	†1.1	†1.1	†1.1	†1.2	†1.2	†1.2	†1.2
Pine Bluff	do	25			3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1
Black Rock	Black	14	1.6	1.6	1.6	1.5	1.5	1.5	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.8	1.8	1.8	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.6	1.6	1.5	1.5	1.5	1.4	1.4	2.0
Calico Rock	White	18	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	0.3	0.3	0.0	†0.2	†0.4	†0.4	†0.4	†0.5	†0.4	†0.4	†0.5	†0.5	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6	†0.6
Batesville	do	23	4.3	4.3	4.3	4.3	4.3	4.3	4.4	5.0	5.4	5.1	4.9	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Newport	do	26	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Georgetown	do	22	†0.5	†0.5	†0.5	†0.5	†0.6	†0.6	†0.5	†0.4	†0.4	†0.4	†0.2	†0.1	†0.1	†0.1	†0.1	†0.1	†0.1	†0.2	†0.2	†0.2	†0.3	†0.3	†0.3	†0.3	†0.4	†0.5	†0.5	†0.5	†0.5	†0.5	†0.5
Clarendon	do	30	6.3	6.2	6.2	6.2	6.1	6.1	6.2	6.2	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0
Helena	Mississippi	42	3.8	3.5	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.2	2.1	2.1	2.3	2.5	2.7	2.6	2.3	2.1	2.1	2.1	2.2	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.6
Arkansas City	do	42	4.3	4.0	3.8	3.6	3.4	3.2	3.2	3.0	2.8	2.7	2.5	2.3	2.2	2.3	2.4	2.5	2.7	2.7	2.5	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
Camden	Ouachita	49	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.5	3.7	3.7	3.7	3.6	3.9	3.9	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5
Danville	Petit Jean	20	0.5	0.4	0.4	0.4	0.4	0.4	2.9	2.9	2.5	1.9	1.5	1.1	1.0	0.9	0.8	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4
Fulton	Red	28	5.5	5.5	5.5	5.5	5.5	5.5	6.0	6.4	6.0	5.9	5.9	5.8	5.7	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Arkadelphia	Ouachita	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Patterson	Cache	9	4.9	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.7	3.3	3.0	2.8	2.6	2.6	2.6	2.4	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

† Below zero of gage.

Daily Temperatures for October, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	93	91	93	90	79	74	69	66	81	79	79	79	83	81	75	66	69	74	80	76	80	75	74	73	85	84	83	88	72	75	74	78.7
	Minimum	53	56	50	54	60	72	60	43	44	32	38	41	45	40	46	51	55	31	31	42	40	41	35	31	32	33	34	40	40	53	49	44.3
Batesville §§	Maximum	91	94	93	91	90	84	76	66	58	67	78	70	74	80	82	77	57	66	72	70	79	81	57	71	77	82	85	83	83	83	77	77.2
	Minimum	54	54	54	50	50	58	65	47	48	48	39	40	34	35	41	62	45	28	28	31	34	40	51	31	32	32	35	38	39	51	53	43.5
Bee Branch	Maximum	96	95	93	95	95	89	67	65	55	68	79	76	77	78	88	77	79	60	70	71	74	83	88	71	74	81	87	86	84	78	80	79.3
	Minimum	56	60	60	65	60	63	56	45	45	42	41	45	37	40	48	59	42	34	31	37	47	42	46	33	35	37	38	41	45	52	61	46.5
Bentonville	Maximum	83	87	88	89	87	79	64	52	60	68	75	68	75	78	74	75	53	66	70	70	72	79	63	70	73	85	83	81	82	84	76	74.5
	Minimum	54	55	57	54	59	64	49	42	41	35	40	40	49	52	58	46	31	25	32	37	51	46	29	33	40	40	45	50	56	56	62	46.4
Booneville	Maximum	87	89	90	92	94	93	78	59	65	70	80	71	75	84	83	78	70	68	70	74	78	81	75	72	78	80	85	86	83	84	78	79.1
	Minimum	66	60	62	65	67	65	59	50	39	43	51	52	49	58	64	62	48	38	37	40	47	53	41	41	48	49	51	54	61	59	63	53.0
Brinkley	Maximum	93	93	91	93	92	84	82	72	60	67	81	74	79	85	87	82	71	63	73	76	82	84	80	74	76	84	87	87	86	86	81	80.8
	Minimum	59	62	60	56	63	70	65	49	50	50	44	47	37	36	47	63	48	34	33	40	49	44	56	36	39	39	40	41	48	62	63	49.4
Calico Rock §§	Maximum	95	95	94	93	94	85	72	60	59	66	77	71	75	82	86	72	57	68	71	70	8[illegible]	84	67	74	82	83	88	84	84	86	62	77.9
	Minimum	56	50	52	49	53	58	63	47	47	49	40	40	37	37	41	60	45	30	32	34	35	41	47	36	35	36	38	37	40	48	50	44.0
Camden §§	Maximum	90	90	90	89	89	88	81	73	67	72	82	75	78	83	87	75	65	68	73	76	80	85	73	74	69	80	84	85	83	85	81	79.6
	Minimum	54	55	53	59	62	67	63	47	46	38	40	43	38	40	41	48	62	38	33	39	45	43	43	32	33	34	36	36	39	44	52	45.3
Conway	Maximum	91	95	92	92	92	83	75	68	63	68	80	75	75	82	87	79	68	68	72	75	79	83	73	74	77	81	85	88	83	87	81	79.7
	Minimum	57	59	55	53	64	68	60	47	50	44	39	45	38	41	52	63	48	33	30	38	50	45	54	34	35	37	36	40	46	53	66	47.7
Corning	Maximum	89	88	90	92	89	85	74	68	61	66	81	73	72	80	83	73	66	65	72	70	78	80	71	70	79	79	85	86	74	83	80	77.5
	Minimum	52	55	54	52	56	67	59	45	47	47	44	38	30	34	46	59	41	26	28	40	44	41	48	30	37	35	37	38	55	41	62	44.8
Dardanelle	Maximum	93	88	90	90	88	89	89	70	72	70	69	79	72	73	78	85	78	73	73	66	65	75	81	8[illegible]	81	81	82	79	83	81	83	79.2
	Minimum	60	60	58	56	66	68	65	51	53	60	43	50	48	48	56	64	50	38	34	42	44	46	52	36	42	44	38	44	50	51	50	50.5
Dodd City	Maximum	90	80	90	91	90	78	67	56	57	66	76	70	72	76	79	69	70	58	70	71	76	75	75	70	78	79	86	83	82	83	78	75.5
	Minimum	6[illegible]	52	52	49	57	65	54	43	45	44	39	40	37	45	55	57	39	20	29	3[illegible]	45	43	40	32	36	38	40	42	44	49	56	44.5
Dumas	Maximum	94	92	90	92	88	82	80	75	60	68	78	72	75	82	85	80	70	65	70	72	82	85	87	71	74	75	80	75	87	86	80	79.1
	Minimum	56	57	60	58	68	70	65	50	50	43	44	45	38	36	44	56	50	39	33	42	44	43	58	34	35	40	38	40	48	53	66	48.5
Dutton	Maximum	88	88	88	88	86	71	66	55	61	65	75	72	69	75	78	75	63	66	70	63	73	81	69	67	67	80	82	78	77	80	77	74.0
	Minimum	52	49	45	44	54	61	52	39	42	31	31	34	39	4[illegible]	51	50	39	20	26	31	41	35	37	24	30	31	35	48	43	44	56	40.5
El Dorado	Maximum	91	90	90	90	89	89	84	72	66	71	81	77	8[illegible]	83	87	78	72	68	72	78	81	86	73	75	67	79	86	86	85	85	82	80.4
	Minimum	59	59	59	63	70	71	65	60	44	41	46	42	46	45	5[illegible]	62	51	39	37	47	46	48	60	37	40	44	43	45	50	56	63	51.2
England	Maximum	92	93	93	93	90	83	79	70	63	68	80	75	78	84	....	....	....	....	....	....	82	85	76	75	78	83	85	86	86	85	83	81.8
	Minimum	57	60	60	57	64	68	60	5[illegible]	48	45	40	49	37	38	....	....	....	....	....	....	5[illegible]	44	57	35	37	62	39	40	46	57	57	5[illegible].3
Eureka Springs	Maximum	86	90	92	93	89	78	68	56	62	69	78	71	75	80	80	78	67	68	77	75	75	80	74	72	78	89	87	84	85	87	81	78.2
	Minimum	60	58	58	58	64	66	51	42	42	40	46	42	45	54	57	56	37	28	36	41	49	52	39	36	52	48	57	55	52	54	6[illegible]	49.5
Fayetteville	Maximum	85	88	93	90	89	84	70	56	61	68	76	72	74	79	78	76	72	73	71	68	74	79	79	79	79	85	82	81	81	84	77	77.5
	Minimum	58	53	50	52	64	67	52	42	42	34	35	37	47	50	50	50	39	25	31	50	49	49	45	49	48	39	48	54	52	50	62	47.5
Fort Smith	Maximum	85	89	90	90	90	76	67	56	65	71	79	71	75	82	75	77	59	67	70	64	76	82	68	73	75	80	83	84	83	84	78	76.3
	Minimum	66	64	62	62	68	66	55	49	49	43	45	52	49	54	61	61	45	37	39	47	53	52	46	39	41	45	47	51	57	57	58	52.3
Grannis	Maximum	88	89	89	88	89	81	72	63	66	71	79	75	73	80	84	76	69	68	72	71	76	77	68	71	68	81	80	82	79	84	75	76.9
	Minimum	58	60	56	57	65	65	56	46	41	38	43	51	44	56	53	60	49	37	36	45	45	45	51	39	49	42	44	44	48	55	61	49.6
Gravette	Maximum	85	88	88	90	87	85	71	59	60	68	75	69	75	78	73	76	73	66	72	69	73	78	64	71	74	86	84	82	83	84	77	76.2
	Minimum	59	53	51	49	59	63	52	38	38	31	35	37	48	51	54	55	38	22	28	34	46	43	32	30	41	40	42	46	47	47	58	44.1
Hardy	Maximum	92	92	92	92	90	85	73	....	66	....	77	77	70	....	82	86	79	62	69	71	79	82	....	77	79	81	84	....	....	....	....	79.9
	Minimum	54	55	54	50	55	66	58	....	46	....	39	39	34	....	36	58	43	28	28	32	46	40	....	30	33	36	37	....	....	....	....	43.3
Harrison	Maximum	80	78	86	88	86	80	65	70	62	63	65	68	78	65	60	60	62	60	65	59	78	76	76	60	65	65	72	75	76	80	76	70.9
	Minimum	62	65	68	50	60	62	55	45	42	44	38	42	45	42	40	44	35	31	35	32	48	38	51	52	35	35	36	35	45	40	44	44.8
Hope	Maximum	93	94	93	95	93	82	82	74	69	73	83	77	78	87	90	80	71	67	73	77	82	83	77	72	70	83	85	87	86	86	80	81.4
	Minimum	56	62	56	59	70	66	63	54	46	41	46	47	46	47	47	65	49	40	37	46	49	54	55	36	38	43	39	41	46	55	63	50.4
Huttig	Maximum	93	91	91	90	88	91	89	75	70	73	85	85	83	85	86	84	76	73	73	78	82	87	84	75	73	82	86	86	86	85	83	82.8
	Minimum	56	59	58	64	70	70	64	49	45	40	42	42	41	38	40	54	53	40	37	43	44	44	60	34	35	41	39	40	40	59	61	48.5
Jonesboro	Maximum	93	88	89	88	89	84	80	70	63	67	78	68	69	79	83	72	55	52	66	68	71	78	79	80	68	68	68	68	77	76	78	76.3
	Minimum	59	61	50	59	61	68	60	48	47	48	48	47	39	40	49	61	47	34	35	42	49	44	52	39	46	42	44	44	47	59	63	49.7
Little Rock	Maximum	88	90	89	88	88	79	74	64	59	67	76	72	74	79	84	73	66	64	70	71	78	80	67	70	74	79	81	82	81	82	79	76.4
	Minimum	64	66	64	63	69	66	58	51	50	44	47	51	46	49	54	63	49	40	41	47	55	54	55	44	45	48	47	55	54	62	66	53.9
Lutherville	Maximum	88	89	91	90	90	82	66	59	60	68	79	75	70	80	81	75	70	68	71	65	77	79	74	70	72	81	83	82	80	83	79	76.7
	Minimum	67	66	66	64	67	64	63	47	48	43	46	49	46	51	59	61	44	36	40	47	46	53	48	41	45	46	52	53	55	61	66	52.9
Magnolia	Maximum	90	89	88	88	90	87	79	73	66	69	80	81	80	78	80	78	86	67	68	68	81	84	85	74	74	73	72	84	82	84	82	79.4
	Minimum	54	61	58	59	70	68	65	52	47	42	44	43	42	62	56	65	53	41	36	48	57	49	48	37	40	44	48	40	54	56	54	51.1
Malvern	Maximum	93	93	92	94	95	89	84	79	72	73	84	76	80	79	82	74	69	69	73	71	75	77	74	75	73	82	84	85	88	86	81	80.8
	Minimum	57	60	57	58	58	69	64	48	47	41	41	46	42	42	43	53	55	41	35	39	47	49	44	36	37	38	40	41	42	41	57	47.3
Mammoth Spring	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marianna	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	80	76	62	68	71	78	79	80	68	68	63	68	77	76	78	78 ....
	Minimum	57	58	59	58	65	70	68	64	51	51	45	49	37	44	45	42	49	39	34	40	51	54	45	38	42	40	42	43	42	48	63	49.5
Marked Tree §§	Maximum	89	90	89	89	80	79	67	60	66	77	67	72	81	82	72	53	65	70	71	78	80	67	70	74	81	85	84	84	81	84	72	76.0
	Minimum	57	56	55	60	61	65	50	49	46	45	45	36	41	41	60	46	33	33	36	40	44	50	35	39	38	41	41	44	50	62	60	47.1
Marshall	Maximum	88	86	86	87	89	82	71	59	58	66	74	70	70	78	80	77	69	62	68	68	73	76	76	68	78	77	80	79	79	86	79	75.0
	Minimum	63	60	58	66	67	66	57	49	47	47	44	44	44	56	62	62	42	31	34	39	48	52	46	36	50	39	50	58	60	54	64	51.5
Mena	Maximum	89	89	89	90	92	88	68	59	65	70	75	73	76	81	83	80	68	65	70	67	78	79	67	71	72	80	82	82	82	83	75	77.0
	Minimum	65	61	57	58	66	65	57	48	46	40	45	50	47	50	62	62	49	37	35	46	45	50	49	36	40	43	45	48	50	52	60	50.5
Morrillton	Maximum	89	91	91	89	90	85	71	71	61	67	77	76	73	81	85	76	73	65	68	71	76	81	75	71	74	78	81	82	80	83	80	77.8
	Minimum	59	60	58	54	66	66	61	50	49	43	41	49	39	50	56	63	48	38	34	41	50	44	54	38	38	40	41	43	44	57	68	49.8
Mt. Home	Maximum	93	95	92	93	92	84	80	58	60	69	79	67	74	80	82	73	66	66	70	70	78	83	70	72	77	82	86	84	83	84	79	78.4
	Minimum	55	55	55	51	58	64	56	47	44	46	40	43	38	43	65	58	40	29	30	33	47	42	43	31	35	37	39	44	45	51	60	45.9
Mount Ida	Maximum	95	80	90	90	89	74	70	61	63	68	82	75	77	62	65	66	66	69	74	68	78	70	70	71	74	79	76	83	79	80	76	74.5
	Minimum	51	53	49	49	60	65	60	43	44	34	36	38	36	41	48	49	52	30	28	39	45	39	50	39	28	32	33	34	39	40	54	44.2
Nail	Maximum	86	85	87	87	88	77	63	52	56	61	72	63	66	74	78	77	64	56	70	69	67	69	60	64	77	79	79	78	77	79	79	72.3
	Minimum	63	64	65	64	66	62	50	42	41	40	44	44	41	45	46	43	31	32	44	45	44	45	41	42	43	44	45	44	43	44	45	46.8
Newport	Maximum	94	94	91	92	91	89	82	67	60	66	78	70	74	79	83	78	71	64	70	70	78	81	70	71	75	80	82	84	81	84	76	78.3
	Minimum	61	61	60	56	63	72	64	51	49	51	45	47	40	42	53	63	46	37	35	38	50	45	53	38	43	41	44	47	48	60	65	50.7
Osceola	Maximum	90	92	91	91	91	....	....	....	....	....	....	....	84	72	....	....	72	70	69	67	70	....	72	72	75	7[illegible]	....	77	79	81	82	84	78.8
	Minimum	53	55	56	58	53	68	62	46	45	44	45	42	39	40	46	58	42	30	30	32	43	42	52	37	42	37	37	41	44	59	58	46.3
Ozark	Maximum	92	93	94	93	92	83	69	63	67	74	82	67	80	81	76	71	68	70	72	74	76	79	82	74	75	81	83	84	84	85	....	78.8
	Minimum	58	59	56	67	66	68	61	47	48	41	41	46	50	40	46	47	32	30	34	36	36	38	42	34	36	39	41	43	44	40	....	45.8
Pine Bluff	Maximum	....	....	96	90	91	81	84	73	65	72	84	76	77	85	88	76	67	68	75	76	83	86	74	75	78	81	86	88	86	88	84	80.4
	Minimum	....	....	57	57	67	68	64	50	47	43	43	48	42	38	46	61	50	39	35	43	51	44	59	35	36	39	39	40	46	58	62	48.5
Pocahontas	Maximum	91	92	93	92	91	86	75	68	65	66	80	77	73	79	82	79	69	66	71	70	77	80	73	70	79	82	84	84	84	83	76	78.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Portland	Maximum	91	90	83	90	81	80	89	68	67	58	67	65	77	85	86	86	76	56	60	66	86	89	77	73	72	76	80	82	87	87	84	77.9
	Minimum	56	59	59	64	68	72	72	50	46	40	43	43	40	35	43	53	61	42	37	43	41	44	62	34	34	39	40	40	50	66	63	49.6
Prescott	Maximum	92	91	91	90	90	82	79	73	67	72	82	75	77	84	88	83	70	65	70	75	80	83	73	74	71	80	84	85	82	75	78	79.4
	Minimum	58	65	62	60	69	71	62	50	47	43	44	48	43	45	53	64	50	42	42	50	51	47	50	39	40	45	41	45	48	56	63	51.4
Rison	Maximum	94	94	....	98	91	84	79	73	65	71	80	75	77	83	86	76	70	66	71	75	81	85	73	74	75	80	64	84	85	85	82	79.2
	Minimum	58	61	....	61	68	66	63	48	48	41	45	49	42	43	48	60	49	47	35	45	49	42	58	35	37	40	50	44	50	59	64	50.0
Rogers	Maximum	87	88	87	90	89	82	69	57	59	68	75	69	78	79	76	75	69	65	71	70	74	79	63	71	76	85	85	83	82	84	78	76.2
	Minimum	57	52	55	49	54	62	53	41	43	34	31	40	44	50	58	58	39	24	27	32	47	39	39	29	33	35	38	39	43	46	60	43.7
Snow Lake §§	Maximum	91	89	90	87	79	80	69	62	64	77	71	72	79	81	79	61	66	70	72	81	80	81	70	73	77	82	84	85	84	74	73	76.9
	Minimum	58	58	56	61	70	66	53	51	48	47	50	38	38	44	53	59	38	31	36	41	42	48	33	34	38	39	39	41	58	69	59	48.3
Stuttgart	Maximum	95	94	93	90	89	85	81	71	62	67	79	73	74	80	85	75	70	65	70	74	80	84	71	72	77	81	84	84	81	84	79	79.0
	Minimum	56	70	56	68	65	66	50	50	47	42	49	38	41	46	62	50	51	34	34	40	49	46	57	35	38	49	40	44	53	62	63	50.0
Subiaco	Maximum	90	93	94	93	94	82	68	62	66	71	82	75	76	82	85	79	70	68	74	65	78	85	76	77	80	81	87	86	83	86	82	79.7
	Minimum	63	60	59	58	67	67	60	49	50	42	47	50	46	49	58	62	48	31	35	45	51	48	49	36	39	43	45	46	53	54	64	50.9
Texarkana	Maximum	93	93	94	92	91	88	82	75	72	75	82	80	80	81	91	82	72	68	72	80	81	82	72	75	71	81	84	86	86	89	76	81.5
	Minimum	62	63	61	62	70	71	64	49	45	42	44	47	47	54	52	65	60	42	41	49	49	55	55	38	40	45	43	45	52	56	63	52.6
Warren	Maximum	92	89	89	89	87	82	82	69	64	72	82	74	77	82	87	76	73	67	71	76	81	85	73	67	71	78	80	67	70	74	79	79.2
	Minimum	60	61	61	61	69	70	61	51	49	40	50	48	41	42	49	60	51	39	38	46	47	47	60	37	38	43	42	45	50	59	65	51.0
Wynne	Maximum	95	92	90	92	90	84	81	69	60	67	77	76	76	80	83	76	76	64	71	74	76	82	77	70	74	81	84	89	84	86	77	79.1
	Minimum	58	63	58	60	66	71	65	49	50	49	45	47	41	41	49	63	47	32	32	38	49	56	37	37	40	49	44	54	55	61	66	50.3

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs

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UNIVERSITY OF
JAN 1923

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII. LITTLE ROCK, ARK., NOVEMBER, 1922. No. 11.

GENERAL SUMMARY.

November, 1922, was unmarked so far as unusual weather is concerned. Neither the the temperature nor the precipitation extremes approached previous records and the means were near the normal values. The warm weather which characterized the preceding seven months continued throughout November making this the eighth consecutive month with a temperature above normal. Killing frost occurred in most sections from the 21st to the 26th, but did little damage as practically all crops were matured. As practically the normal rainfall occurred, the situation with regards soil moisture improved, and at the close of the month the soil was in excellent condition for fall plowing. Wheat, oats, meadows, pastures, and winter truck were in good condition.

There were 16 clear days, 6 partly cloudy, and 8 cloudy, all practically normal. Sunshine averaged about 64% of the possible. The prevailing wind was from the north, averaging about 7 miles per hour. The maximum velocity recorded during the month was at Fort Smith, 48 miles per hour from the west on the 12th.

W. C. H.

TEMPERATURE.

The mean temperature for the month of November, as determined from records kept at 51 stations, was 52.9° which is 1.4° above normal. Batesville, Bee Branch, Conway, and Harrison showed negative departures, all other stations positive. The highest monthly mean was 59.0° at Huttig, the lowest, 46.4° at Harrison. The highest temperature recorded during the month was 88° at El Dorado on the 4th. The lowest was 20° at Dutton on the 21st and 26th. The highest occurred within the first five days in all sections of the State, the lowest during the last decade. The greatest daily range was 46° at Mount Ida on the 8th.

PRECIPITATION.

The average precipitation for the State, as determined from the records of 72 stations, was 3.89 inches which is 0.32 inch above the November normal. The geographical distribution was rather irregular, with slightly heavier totals recorded in the northwestern counties. Monthly totals ranged from 8.82 inches at Lincoln to 0.86 inch at Texarkana. The greatest amount measured in 24 consecutive hours was 3.10 inches at Mena on the 13th. The average number of rainy days was 6.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date.	7 a.m.	7 p.m.	
Bentonville..	30.11	30.43	16	29.61	1	4.064	23	nw.	27	.....	.....	64
Fort Smith...	30.14	30.44	16	29.73	1	5.641	48	w.	12	78	56	58
Little Rock	30.15	30.44	16	29.63	27	5.481	41	nw.	27	83	57	69
Memphis....	30 21	30.50	16	29.58	27	5.707	40	nw.	27	75	57	66

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 2; 4th, 1; 5th, 4; 6th, 2; 12th,9; 13th, 1; 14th, 1; 16th, 1; 17th, 7; 29th, 1; 30th, 2.

Dense Fog:— 18th, 1; 19th, 1.

Lunar Halos:—2d, 4; 6th, 1; 24th, 1; 25th, 1; 26th, 1; 28th, 1.

Solar Halos:— 15th, 1.

Sleet:— 25th, Grannis, Prscott.

First Killing Frost in Autumn.

Station.	Date.	Station.	Date	Station.	Date.
Amity	Nov. 26	Fort Smith	Nov. 26	Mountain Home	Oct. 18
Arkadelphia	Nov. 26	Fulton	Nov. 20	Mount Ida	Nov. 21
Arkansas City	Nov. 22	Georgetown	Nov. 21	Murfreesboro	Nov. 21
Arlberg	Nov. 22	Grannis	Nov. 21	Nail	Oct. 17
Batesville	Oct. 18	Gravette	Oct. 18	Newport	Nov. 21
Bee Branch	Nov. 21	Hardy	Oct. 18	Osceola	Nov. 21
Bentonville	Oct. 18	Harrison	Nov. 19	Ozark	Nov. 26
Black Rock	Nov. 16	Heber Spring	Oct. 19	Patterson	Oct. 18
Booneville	Nov. 21	Helena	.....	Pindall	Nov. 16
Brinkley	Nov. 29	Higden	Nov. 21	Pine Bluff	Nov. 22
Calico Rock	Nov. 20	Hot Springs	Nov. 26	Pocahontas	Nov. 23
Camden	Nov. 21	Hope	Nov. 21	Portland	Nov. 26
Clarendon	Oct. 18	Huttig	Nov. 29	Prescott	Nov. 26
Clinton	Nov. 21	Jonesboro	Nov. 21	Princeton	Nov. 22
Conway	Nov. 10	Junction	Nov. 26	Rison	Nov. 21
Corning	Nov. 26	Lincoln	Oct. 17	Rogers	Oct. 18
Dam No. 1	.....	Little Rock	Nov. 26	Snow Lake	Nov. 20
Danville	.....	Lutherville	Nov. 26	Springbank	Nov. 23
Dardanelle	Nov. 26	Magnolia	.....	Stuttgart	Nov. 21
Dodd City	Oct. 18	Malvern	.....	Subiaco	.....
Dumas	Nov. 21	Mammoth Spring	Nov. 26	Texarkana	Nov. 21
Dutton	Oct. 18	Marianna	Nov. 21	Waldron	Oct. 18
El Dorado	Nov. 21	Marked Tree	Nov. 20	Warren	.....
England	Nov. 21	Marshall	Nov. 16	Whitecliffs	Nov. 21
Eureka Springs	Nov. 20	Mena	Nov. 20	Wynne	Nov. 26
Fayetteville	Oct. 18	Morrillton	Nov. 10		

COMPARATIVE DATA FOR ARKANSAS---- NOVEMBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more
*Normal**	*51.5*		*87*	*13*	*3.57*		*15*	*6*	*9*	*6*
1891.....	49.7	−1.8	87	10	5.56	+1.99	13	7	10	8
1892.....	49.9	−1.6	79	20	5.83	+2.26	11	7	12	9
1893.....	49.3	−2.2	84	10	4.21	+0.64	14	8	8	5
1894.....	50.4	−1.1	81	12	1.12	−2.45	19	6	5	2
1895.....	49.9	−1.6	82	16	4.82	+1.25	14	5	11	6
1896.....	52.8	+1.3	88	8	4.34	+0.77	14	7	9	7
1897.....	51.6	+0.1	88	15	2.82	−0.75	16	6	8	6
1898.....	47.5	−4.0	87	9	3.20	−0.37	13	8	9	4
1899.....	54.3	+2.8	87	17	2.61	−0.96	13	8	9	6
1900.....	51.4	−0.1	90	18	4.28	+0.71	15	7	8	6
1901.....	50.5	−1.0	88	15	2.99	−0.58	16	7	7	5
1902.....	56.5	+5.0	90	18	6.66	+3.09	8	9	13	9
1903.....	47.6	−2.9	89	2	0.64	−2.93	13	9	8	3
1904.....	51.4	−0.1	89	17	1.38	−2.19	17	5	8	3
1905.....	53.2	+1.7	88	9	3.28	−0.29	16	5	9	5
1906.....	50.2	−1.3	88	13	5.90	+2.33	14	7	9	6
1907.....	49.0	−2.5	84	10	5.71	+2.14	16	5	9	6
1908.....	53.8	+2.3	88	5	5.40	+1.83	15	6	9	8
1909.....	59.3	+7.8	90	16	3.75	−0.18	13	8	9	7
1910.....	51.5	0.0	85	17	0.47	−3.10	16	9	5	3
1911.....	46.8	−4.7	86	5	3.18	−0.39	14	8	8	7
1912.....	50.5	−1.0	89	13	1.66	−1.91	19	7	4	2
1913.....	57.6	+6.1	85	20	2.47	−1.10	10	9	11	5
1914.....	52.6	+1.1	88	11	2.32	−1.25	15	6	9	4
1915.....	54.8	+3.3	88	17	5.40	+1.83	16	5	9	6
1916.....	52.1	0.6	87	10	2.95	−0.62	20	4	6	5
1917.....	50.7	−0.8	83	11	1.96	−1.61	17	4	9	4
1918.....	49.7	−1.8	88	18	3.91	+0.34	15	4	11	6
1919.....	51.4	0.1	86	14	6.27	+2.70	17	3	10	7
1920.....	47.8	−3.7	89	10	1.95	−1.62	15	4	11	5
1921.....	54.9	+3.4	88	17	5.53	+1.96	13	6	11	7
1922.....	52.9	+1.4	88	20	3.89	+0.32	16	6	8	6

* Based on 30 years record.

Correction: Climatological Data, Arkansas Section, October, 1922, page 38: Clinton, total precipitation should be 1.96. Newport, date of lowest temperature should be 19th. Arlberg, total precipitation should be 1.50 inches. Page 39: Arlberg, precipitation entries should be, 6th, 0.70; 7th, 0.60; 8th, 0.10; 23d, 0.10, making total 1.50.

Climatological Data for November, 1922.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark		29																	Albert Dillard.
Arkadelphia	Clark	186	26								1.50	−2.20	0.50	0	4	10	0	20	ne.	F. J. Carpenter.
Arkansas City	Desha	145	38								4.20	+0.44	1.50	0	8	18[a]	3[a]	8[a]	n.	Geo. E. Payne.
Arlberg	Stone	700	1								3.15		1.00	0	6	21	0	9	s.	J. D. Reeves.
Batesville	Independence	277	23	50.0	− 0.4	80	3†	24	29	41	4.42	+1.08	1.48	0	6	15	0	15	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren		30	49.4	− 2.2	76	3†	23	26†	32	4.78	+1.64	2.00	0	6	18	6	6	w.	J. E. Scanlan.
Bentonville	Benton	1303	16	50.2	+ 3.5	79	3	26	20	35	6.75	+3.76	2.81	0	7	17	7	6	nw.	U. S. Weather Bureau.
Black Rock	Lawrence	259	20								4.74	+0.74	1.83	0	6	18	0	12		Vernon C. Howe.
Booneville	Logan	600	8	54.7		83	3	28	29	34	5.01		1.84	0	7	17	3	10	w.	Supt. Tuberculosis San
Brinkley	Monroe	205	40	54.8	+ 3.2	84	4	27	29	39	1.90	−2.96	0.69	0	5	20	8	2	n.	H. L. D. Whitson.
Calico Rock	Izard	361	18	49.4		84	2	22	26	43	2.48	−0.43	0.92	0	6	16	8	6	n.	W. J. Copp.
Camden	Ouachita	158	36	53.0	− 0.4	86	4†	28	22†	44	2.47	−1.61	0.98	0	7	13	8	9	n.	A. B. Quarterman.
Clarendon	Monroe	200	18								3.02	−0.89	1.23	0	6	12	7	11	ne.	J. W. Bishop
Clinton	Van Buren	516	1								3.48		1.27	0	8	18	6	6	w.	Dr J. M. Hunter.
Conway	Faulkner	309	38	52.7	− 0.7	84	4†	27	29	39	5.85	−0.08	2.67	0	6	16	9	5	n.	E. E. Cordrey.
Corning	Clay	293	22	50.9	+ 0.1	80	2†	21	26	42	3.50	+0.47	1.18	0	5	20	5	5	s.	Rev. N. E. Skinner.
Dam No. 1. ‡‡	White	190	1								3.50		1.41	0	7	19	3	8		H. S. Cooper.
Danville	Yell	337	7								3.15		1.70	0	5	15	2	13		C. P. Evans.
Dardanelle	Yell	330	36	52.7	+ 0.7	84	2	28	26	38	4.03	+0.60	2.00	0	6	19	0	11	e.	J. D. Riley.
Dodd City	Marion	1175	40	49.2	+ 0.9	80	3	23	21†	40	2.41	−0.58	1.50	0	3	19	5	6	sw.	Neal Dodd.
Dumas	Desha	162	15	54.7	+ 1.3	82	2	28	29	40	6.54	+3.09	2.78	0	9	11	15	4		Ben. Johnson.
Dutton	Madison	1590	20	48.3	+ 0.3	75	3	20	21†	45	4.91	+1.57	1.29	0	8	18	8	4	w.	J. M. Ricketts.
El Dorado	Union	270	18	55.6	+ 0.5	88	4	31	21	40	2.04	−2.40	1.00	0	7	16	6	8	n.	J. J. Babb.
England	Lonoke	229	15	54.8	+ 1.0	84	4	28	26†	41	3.21	−0.34	1.07	0	6	17	7	6	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	51.7	+ 0.8	84	3	25	20	32	4.51	+1.94	1.13	0	5	12	13	5	nw.	George W. Nicholds.
Fayetteville	Washington	1451	36	50.8	+ 1.0	80	3	27	21	34	6.67	+3.84	1.87	0	6	18	5	7	ne.	University of Arkansas
Fort Smith	Sebastian	481	40	53.4	+ 3.5	81	4	32	26	32	5.28	+2.00	3.03	0	7	12	11	7	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	36								1.29	−2.21	0.44	0	5	10	8	12	ne.	T. J. Logan.
Georgetown	White	200	9								3.41		1.35	0	4	22	6	2	e.	Cleve Bell.
Grannis	Polk	900	4	53.7		78	4	28	26	33	5.83		1.81	0	10	23	2	5	s.	W. E. Mc Vay.
Gravette	Benton	1250	21	49.8[a]	+ 0.4	80[a]	4	22[a]	29	40[a]	7.44	+4.94	1.93	0	6	14[a]	9[a]	6[a]	sw.	A. F. Stevens.
Hardy	Sharp	643	25																	Mrs. D. S. Madden.
Harrison	Boone	1100	24	46.4	− 2.4	74	4	22	20	36	3.30	+0.79	1.40	0	5	17	8	5	sw.	A. C. Brooks.
Heber Springs	Cleburne	485	1								4.50		1.63	0	7	19	6	5	e.	E. C. Spranhurst.
Helena	Phillips	182	51								5.06	+0.61	2.08	0	8	20	1	9		James A. Buruett.
Higden	Cleburne	445	4								4.62		2.05	0	6	21	0	3	sw.	J. A. Ingram.
Hope	Hempstead	377	50	55.0	+ 1.6	87	4	29	22†	41	1.37	−3.21	0.50	0	6	16	4	10	ne.	N. P. O'Neal.
Huttig	Union		15	59.0[e]	+ 3.9	87[e]	4	29[e]	29	43[e]	3.55	+0.75	1.30	0	6	14[e]	6[e]	5[e]	se.	J. L. Collett.
Jonesboro	Craighead	345	27	53.3	+ 1.8	79	2	25	26	34	4.25	+1.06	1.29	0	7	21	4	5	ne.	Benedictine Sisters.
Junction	Union	182	29	55.5	+ 1.5	85	5	28	26	42	1.42	−2.01	0.98	0	2	18	5	7	e.	J. A. Lauderback.
Lincoln	Washington	1500	1								8.82		1.75	0	7	19	4	7	sw.	L. E. Nabers.
Little Rock	Pulaski	286	43	54.3	+ 2.2	81	5	30	26	31	2.07	−2.52	0.64	0	9	13	7	10	n.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	25	52.2	+ 1.0	79	3	29	26	30	4.20	+0.83	1.05	0	8	20	2	8	w.	H. Kaufield.
Magnolia	Columbia	315	4	53.4		81	2	31	22	36	4.15		3.00	0	4	12	5	13	n.	State Agriculture Schoo
Mammoth Spring	Fulton	512	17	52.4[e]	+ 3.9	81[f]	2	21[e]	26	41[f]	3.31	+0.21	1.02	0	7	18[e]	1[e]	6[e]		F. Wallick.
Marianna	Lee	235	13	53.9	+ 2.2	79	5	29	23	32	2.15		0.80	0	7	11	12	7	se.	C. N. Houck.
Marked Tree	Poinsett	229	17	51.5		82	2	24	28	44	5.22	+0.79	1.65	0	6	20	4	6	se.	Charles Walton.
Marshall	Searcy	1083	7	52.6		76	3†	28	21	30	2.66		0.68	0	6	18	6	6	nw.	W. F. Reeves.
Mena	Polk	1208	34	53.2	+ 0.7	81	4	30	26	35	6.25	+2.88	3.10	0	8	8	13	9	s.	E. W. St. John.
Morrillton	Conway	347	2	53.0[a]		80[a]	3†	29[a]	26	35[a]	3.38		1.34	0	7	16[a]	9[a]	4[a]	e.	J. W. Jackson.
Mountain Home	Baxter	800	8	49.8		81	2	24	21	41	2.21		0.67	0	6	20	3	7	w.	B. S. Halbert.
Mount Ida	Montgomery	730	21	50.4		81	4	22	21	46	3.22	−0.87	1.40	0	4	16	1	13	w.	G. A. Whittington.
Murfreesboro	Pike	367	6								2.40		1.93	0	4	15	5	10		Henry A. Davis.
Nail	Newton	2233	29	49.4	+ 1.1	76	2†	27	20†	34	4.75	+1.44	1.10	0	6	17	6	7	n.	Charles Paxton.
Newport	Jackson	231	38	53.4	+ 2.7	80	3	28	26†	34	4.03	−0.47	1.82	0	6	18	6	6	nw.	George L. Robinson.
Osceola	Mississippi	240	22																	Steve Ralph Jr.
Ozark	Franklin	450	26	54.0	+ 1.4	81	3†	28	26	41	5.97	+3.02	1.39	0	9	6	9	15	nw.	Isham Burrow.
Patterson	Woodruff	196	6								4.90		1.58	0	5	19	0	11	n.	W. E. Baker.
Pindall	Searcy		1								3.13		1.06	0	6	17	5	8	se.	W. W. Wood.
Pine Bluff	Jefferson	215	38	55.3	+ 2.3	85	2†	27	29	42	3.70	−0.55	2.45	0	7	15	3	12	sw.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	30	54.2[b]	+ 4.3	81	3	23[c]	26	43[c]	4.65	+1.42	2.20	0	5	17	4	9	s.	Benedictine Sisters.
Portland	Ashley	122	16	57.2	+ 3.3	87	4	32	26	40	5.32	+1.82	1.75	0	6	20	7	3	n.	W. E. Edmiston.
Prescott	Nevada	327	40	55.8	+ 1.9	84	4	30	26†	36	1.63	−1.92	0.49	0	6	16	5	9	s.	O. J. Stephenson.
Princeton	Dallas	287	15								1.75	−2.38	0.75	0	4	21	0	9		Foote Coleman.
Rison	Cleveland	243	18	55.8	+ 3.0	85	4†	29	21†	36	2.15	−1.26	1.05	0	4	11	18	1	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	50.1	+ 0.7	79	3	22	21	38	5.61	+2.97	2.62	0	6	12	8	10	sw.	Carl A. Starck.
Snow Lake	Arkansas		1	52.6		81	4	26	28	38	5.53		1.89	0	5	19	5	6		J. L. Britt.
Springbank ‡‡	Miller	240	10								3.25	+0.17	1.55	0	7	16	2	12		Miss Grace Field.
Stuttgart	Arkansas	228	34	54.0	+ 2.1	81	5†	28	21†	34	2.41	−1.66	0.84	0	7	16	9	5	ne.	H. A. Buerkle.
Subiaco	Logan	1050	25	55.2	+ 2.8	82	3	31	21	37	5.17	−2.26	1.55	0	6	17[a]	7[a]	5[a]	n.	New Subiaco Abbey.
Texarkana	Miller	332	40	54.6	+ 0.7	87	4	30	26	37	0.86	−2.16	0.20	0	6	17	3	10	n.	H. S. Brashear.
Waldron	Scott	675	4								6.80		2.71	0	7	13	6	11	nw.	Dr. Cheves. Bevil
Warren	Bradley	206	27	56.0	+ 2.3	85	4	31	10†	40	4.65	+0.84	2.70	0	4	16	8	6	n.	Mrs. J. L. Clegg.
Whitecliffs	Little River		17								2.90	+0.28	1.30	0	4	10	6	14	nw.	Miss Eulela M. Schirme
Wynne	Cross	250	14	54.5	+ 2.6	86	4	29	21†	43	3.67	+0.86	1.12	0	5	14	7	9	sw.	J. M Larkan.
State Means and Extremes				52.9	+ 1.4	88	4	20	21†	46	3.89	+0.32	3.10	0	6	16	6	8	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determini section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in th table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolp La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Umphers, Rover, Ark.; Dam No. 1; Judsonia, Ark.

Daily Precipitation for November, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																																
Arkadelphia	Ouachita						.25																										
Arkansas City	Mississippi	.47					.34	1.16						.45		.30			.50														
Arlberg	White	.30				.10								.03	.10	1.50				.25	.35						T.						1.50
Batesville	White	.46					.35						1.00	1.00	.25			.50															4.20
Bee Branch	Arkansas	.35												1.48	1.06	.42			.65														3.15
Bentonville ***	Arkansas	.32			.47	.79							1.65	2.00	.10			.28	.40														4.42
Black Rock	White	1.75					.35						1.66	1.25	T.			1.09													T.		4.78
Booneville	Arkansas	.26				.04								.41	1.83	.10			.30												1.17		6.75
Brinkley	White					T.	.61						1.84	1.15	.41			1.19	12														4.74
Calico Rock	White	.57				.12							.92	.23	.05			.59															1.90
Camden	Ouachita	.01					.98	.11						.09	.24	.72			.32														2.48
Clarendon	White	1.23					.28	.18						T.	.55	.28			.50														2.47
Clinton	White	.15				.02							1.12	1.27	.28			.32	.28														3.02
Conway	Arkansas	.19				.22							2.67	.22	.06			.49													.04		3.48
Corning	White	.64					.29							1.18	.46				.93												T.		3.85
Dam No. 1	White	.38				.09								.95	1.41	.11		55															3.50
Danville	Arkansas	.25					.12						T	1.70	.30	.45			.45													.01		3.50
Dardanelle	Arkansas	.27												2.00	.24	.60			.80														3.15
Dodd City	White					.14									1.50			.77															4.03
Dumas	Arkansas	.70				.04	2.78						.03	.15	2.00	.04		.25	.55														2.41
Dutton	White	.74				.20							1.06	1.29	.37			.84	.26														6.54
El Dorado	Ouachita	.10					1.00	.17						.15	.20	.32			.10													.15		4.91
England	Arkansas	.14					.75						T.	1.07	.30	.25		T.	.70														2.04
Eureka Springs	White	.40				.54							1.13	1.12	.18			1.14													T.		3.21
Fayetteville	White	.40				1.10							1.56	1.87	.26			1.48													T.		4.51
Fort Smith ***	Arkansas	.07			T.	.22							2.52	.78	.16			1.67													T.		6.67
Fulton	Red	.24					.16							.14	.14	.17			.44													.06		5.28
Georgetown	White						.65								1.35	.21			1.20														1.29
Grannis	Red	.49				.28							1.81	1.35	.58	.16		.84	.19						.03								3.41
Gravette	Arkansas	1.15				1.60							1.36	1.93				1.25													.10		5.83
Hardy	White																														.15		7.44
Harrison	White					.40							.40	1.40	.30			.80															
Heber Springs	White	.45					.23						1.63	1.30	.18			.09	.62														3.30
Helena	Mississippi	.68	.12				.22	.82						.06	.48	2.08			.60														4.50
Higden	White	.23											1.37	2.04	.33			.17	.48														5.06
Hot Springs	Ouachita															.08		.28	.28														4.62
Hope	Red	.19					.10						.15		.50			.13	.30												T.			
Huttig	Ouachita	.20					1.30							.20	.80	.35			.70														1.37
Jonesboro	White	.68					1.12							.60	.50	.06		.10	1.19														3.55
Junction	Ouachita					T.	.98						T.	T.	.44			T.								T.							4.25
Lincoln	Arkansas	1.50			1.42							1.60	1.72	.23			1.75																1.42
Little Rock ***	Arkansas	.17				.22	.30						.37	.27	.25	.05		.33	.11														8.82
Lutherville	Arkansas	.44				.35							.95	1.05	.46			.45	.45												T.		2.07
Magnolia	Red	.15					3.00								.80				.20												.05		4.20
Malvern	Ouachita																																
Mammoth Spring	White	.90				.27																											4 15
Marianna	Mississippi	.26				.06	.48						.35	1.02	.12			.28	.37															
Marked Tree	Mississippi	.90					1.65	.05						.10	.80	.03			.42															3.31
Marshall	White	.40				.08								T.	1.20	.33			1.09															2.15
Mena	Ouachita	.80				.02	.05						.68	.48	.42			.60																5.22
Morrilton	Arkansas	.16											.08	3.10	.76	.23		T.	1.21												T.		2.66
Mountain Home	White					.20							1.65	1.34	.22	.05		.22	.34														6.25
Mount Ida	Ouachita												.37	.67	.42			.45	.10												T.		3.38
Murfreesboro	Ouachita	.27											1.40	1.15	.29	.38																	2.21
Nail	White	.50				.70								1.93	.17	.11																	3.22
Newport	White	1.10					.16						1.10	1.10	.55			.80														T.		2.48
Ozark	Arkansas	.32				.13								.08	1.82	.03			.84														4.75
Patterson	White	1.58					.95						1.09	1.39	.38			1.13		.13													4.03
Pindall	White	.06				.14									1.05	.30			1.02												.60	.80		5.97
Pine Bluff	Arkansas	.18					.24	.07					.42	1.06	.55			.80																4.90
Pocahontas	White	1.20				.30								.02	2.45	.35			.39															3.03
Portland	Ouachita	.40				.10	1.47						.25	2.20	.10			.60																3.70
Prescott	Ouachita	.26					.31								1.75				1.56															4.65
Princeton	Ouachita						.25	.35						.15	.12	.30			.49							T.		.10						5.32
Rison	Ouachita												.40			.75																	1.63
Rogers	Arkansas					1.05								.47	.39			.24																1.75
Snow Lake	Mississippi	.66				.97							1.11	1.51	.23			1.13																2.15
Springbank	Red						1.89							.18	1.60	.24		1.62													T.		5.61
Stuttgart	Arkansas	.40					1.55	.07					.10	T.	.33	.48																	5.53
Sublaco	Arkansas	.84				T	.24							.42	.47	.03		.12	.29						T	T							3.25
Texarkana	Red	.52				.15							1.55	1.00	.87			1.08															2.41
Waldron	Arkansas					.12	.09						T.	.15	.20	.15		.15													T		5.17
Warren	Ouachita	.36				.09								2.71	1.84	.64	.07	1.09							T						T		0.86
Whitecliffs	Red	T.				.55	2.70					T.	T.	.30	.10	T.		T.													T.		6.80
Wynne	Mississippi						T.						T.	1.30	.10	.40			1.50														4.65
		.46					.88							1.12	.30			.91															2.90
																																	3.67

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for September, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.5	2.5	2.4	2.4	2.4	2.5	3.0	4.4	5.0	4.5	4.3	4.2	4.1	5.0	6 3	6.8	6.6	9.5	11.0	10.2	9.2	7.8	7.5	6.5	6.0	5.7	5.3	5.0	4.9	4.7	
Dardanelle	do	20	0.3	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.4	0.6	2.8	2.9	2.9	2.6	3.0	3.9	4.6	4.7	6.4	7.4	8.4	7.7	6 6	5.7	5.0	4.6	4.0	3.6	3.4	2.9	
Little Rock	do	23	†1.2	†1.2	†1.2	†1.2	†1.2	†1.2	†1.2	†1.2	†1.2	†1.2	†1.2	†0.7	0.6	1.6	1.2	1.3	1.4	2.0	2.7	3.2	6.5	7.3	7.0	6.0	4.9	4.0	3.4	2.9	2.4	2.0	
Pine Bluff	do	25	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3 2	4.3	5.3	5.4	5.3	5.3	5.7	6.4	6.9	9.9	10.6	10.1	9.3	8.3	7.5	7.0	6.6	6.2	
Black Rock	Black	14	2.0	2.2	2.0	2.0	2.0	2 2	2.4	2.0	2.0	2.0	2.0	2.0	2.1	2.8	3.0	2.7	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2 2	
Calico Rock	White	18	†0.4	†0.5	†0.4	†0.5	†0.5	†0.4	†0.4	†0.5	†0.5	†0.5	†0.5	†0.5	†0.4	†0 3	†0.2	†0.2	0.1	†0.1	†0 1	0.1	0.4	0.2	0.0	0.2	0.3	0.1	0.2	0.1	0.0	0.1	
Batesville	do	23	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.6	4.5	4.4	4 4	4.4	4.8	4.9	4.8	4.8	4.8	5.2	5.1	4.9	5.1	5.4	5.3	5.1	5.2	5.3	5.3	5.3	5.2	5.2	
Newport	do	26	1.2	1.4	1.5	1.7	1.7	1.8	1.8	1.9	2.6	2.2	2.1	2.1	2.0	2.0	2 4	2.4	2.5	2.5	2.4	2 3	2.3	2.3	2.5	2.6	2.4	2.5	2.6	2.5	2.5	2.5	
Georgetown	do	22	†0.5	†0.5	†0.4	†0.4	†0.4	†0.2	†0.1	†0.1	†0.1	†0.1	†0.1	†0.1	†0.1	0 0	0.1	0.2	0.2	0.4	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	
Clarendon	do	30	6.2	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.4	6.5	6.8	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.0	
Helena	Mississippi	42	1.5	1.6	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	1.0	1.4	1.6	1.8	1.8	1.9	2.0	2.7	3.9	5.5	6.4	6.8	6.9	6.7	6 4	5.8	5.3	
Arkansas City	do	42			2.3	2.3	2.3	2.2	2.2	2.1	1.9	1.8	1.6	1.5	1.5	1.5	1.6	1.9	2.2	2.6	2.9	3.1	3.2	3.3	4.3	5.7	7.5	9.5	10.2	10.0	9.3	8.4	
Camden	Ouachita	49	3.5	3.4	3.4	3.4	3.4	3.5	3.6	3.7	3.7	3.7	3.6	3.7	3.7	3.8	3.9	5.3	5.6	6.1	6.2	6.2	6.2	6 0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.6	
Danville	Petit Jean	20	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.2	1.4	3.2	3.2	3.0	3.2	3 0	2 9	2.7	2.5	2.3	2.0	1.9	1.8	1.7	1.6	1.5	1.4	
Fulton	Red	28	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.6	5 6	5.8	6.2	6.8	7 6	7.7	8.3	9.5	11.5	11.9	11.1	10 1	9.4	9.0	8.6	8.2	7.9	
Arkadelphia	Ouachita	18	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.2	1.9	1.1	0.9	1.5	1.4	1.1	1.0	1.2	1.2	1.0	0 8	0.6	0.0	0.0	0.0	0.0	0.0	
Patterson	Cache	9	2.1	2.2	2.2	2.2	2.2	2.4	2.6	2.6	2.6	2.5	2.4	2.3	2.3	2.4	2.5	2.5	2.5	2.8	3.0	3.1	3.3	3.4	3.5	3.6	3.6	3.6	3.7	4.0	4.1	4.2	

† Below zero of the gage.

Daily Temperatures for November, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Batesville §§	Maximum	72	78	80	80	78	73	72	70	62	68	72	67	65	50	58	54	54	70	64	55	57	61	66	57	47	60	65	51	58	67	....	64.4
	Minimum	62	40	41	40	39	53	33	32	31	30	31	51	59	45	45	28	28	40	37	33	25	25	25	26	29	31	30	31	24	25	....	35.6
Bee Branch	Maximum	75	71	76	76	74	68	70	65	66	61	66	67	63	55	54	55	50	55	57	58	52	52	57	68	51	53	53	53	55	61	....	61.2
	Minimum	53	40	45	45	59	49	40	35	35	31	43	54	49	42	40	30	36	42	37	30	27	30	27	41	29	23	32	28	23	36	....	37.7
Bentonville	Maximum	64	76	79	77	68	64	68	66	68	70	74	66	54	5.	53	52	47	61	56	52	56	59	64	49	46	54	60	50	61	62	....	61.0
	Minimum	52	44	54	56	47	38	33	33	39	43	53	54	39	37	32	31	40	46	36	26	31	30	35	34	31	30	38	28	35	52	....	39.2
Booneville	Maximum	74	79	83	82	75	70	70	73	72	74	78	58	58	50	58	51	52	58	63	54	52	61	63	59	52	57	65	58	62	68	....	64.3
	Minimum	61	63	58	59	55	48	43	46	43	46	58	57	42	42	44	42	44	46	42	34	33	37	38	44	39	34	46	31	28	54	....	45.1
Brinkley	Maximum	74	83	78	84	79	75	79	74	63	71	76	80	73	59	58	54	64	69	69	60	57	62	62	62	51	62	70	58	63	71	....	68.0
	Minimum	58	47	46	49	60	55	41	35	37	34	47	59	59	50	46	33	39	51	39	35	29	28	28	39	32	36	37	35	27	35	....	41.5
Calico Rock §§	Maximum	71	84	78	80	78	70	73	69	64	68	71	66	63	49	58	55	54	68	64	55	56	59	69	55	46	60	64	53	59	59	....	63.9
	Minimum	60	42	42	41	42	45	34	32	33	33	36	36	57	45	41	30	31	39	36	28	25	25	26	27	27	22	25	29	26	29	....	34.8
Camden §§	Maximum	76	81	83	86	86	64	72	75	68	72	74	77	64	54	57	59	63	65	70	58	58	63	62	58	47	64	74	54	66	74	....	67.5
	Minimum	55	40	41	44	44	54	43	36	36	35	35	45	60	51	49	37	39	40	36	37	30	28	28	32	35	30	30	30	28	30	....	38.6
Conway	Maximum	74	80	82	84	84	70	72	73	63	68	73	65	63	51	58	55	53	62	67	56	55	62	60	62	52	60	68	56	61	68	....	65.0
	Minimum	57	43	47	47	63	53	36	35	37	29	47	58	49	47	47	33	40	46	38	35	28	29	29	42	36	26	35	30	27	43	....	40.4
Corning	Maximum	75	80	80	76	77	73	71	69	60	66	72	74	68	63	59	54	55	65	65	56	54	56	66	59	48	57	61	49	59	65	....	64.4
	Minimum	57	45	43	43	59	51	32	32	29	30	42	53	59	48	41	29	34	45	36	29	26	25	24	33	26	21	32	36	22	42	....	37.5
Dardanelle	Maximum	82	84	78	80	81	68	68	69	69	70	73	72	70	68	59	55	53	58	65	62	58	58	57	62	55	59	69	59	54	63	....	65.9
	Minimum	48	46	50	52	50	50	38	36	40	42	39	40	44	43	44	35	37	39	44	32	33	31	32	32	32	38	28	35	33	30	38	....	39.5
Dodd City	Maximum	64	78	80	78	74	62	70	64	58	66	72	70	65	68	52	55	52	65	61	53	62	57	64	61	46	55	54	60	56	62	....	62.9
	Minimum	30	39	43	45	55	35	30	30	30	35	52	50	45	39	33	39	40	35	32	33	23	25	51	27	25	23	30	28	31	35	....	35.0
Dumas	Maximum	75	82	70	72	78	73	68	72	65	72	78	80	72	67	56	56	65	75	71	60	54	61	60	65	59	61	72	62	65	74	....	67.7
	Minimum	57	42	46	44	62	55	45	37	37	33	43	50	65	52	48	36	39	54	40	35	30	30	32	36	38	30	35	32	28	40	....	41.7
Dutton	Maximum	67	74	75	74	69	70	68	68	62	72	69	62	59	53	56	55	51	68	62	56	53	61	58	69	52	44	55	59	50	57	64	....	62.0
	Minimum	51	37	42	51	50	36	27	27	30	35	45	54	43	39	35	25	37	42	32	23	2.	25	24	34	25	20	28	24	30	46	....	34.0
El Dorado	Maximum	75	82	84	85	85	78	71	75	69	74	73	77	71	58	59	56	68	63	68	63	60	58	58	62	61	67	47	63	72	56	74	....	68.8
	Minimum	55	45	52	48	63	54	48	39	40	37	49	49	52	48	48	38	39	47	40	39	31	32	32	37	38	33	36	35	34	36	....	42.2
England	Maximum	76	83	83	84	33	78	74	75	65	71	71	73	71	63	58	54	64	71	67	60	56	62	60	62	53	64	70	63	62	72	....	68.3
	Minimum	57	45	48	43	63	55	40	35	39	32	44	57	53	49	48	34	39	48	42	44	29	30	30	38	36	28	35	30	28	43	....	41.1
Eureka Springs	Maximum	72	78	84	80	71	71	69	70	67	72	77	61	58	57	57	53	47	62	58	57	59	62	67	56	50	56	62	55	65	63	....	64.0
	Minimum	50	46	52	54	49	39	41	38	35	41	55	54	41	37	32	30	39	43	39	25	27	32	37	33	29	31	40	28	35	51	....	39.3
Fayetteville	Maximum	71	76	80	79	72	63	68	67	66	67	72	64	57	53	54	51	50	65	63	59	55	58	59	64	46	55	61	50	60	60	....	62.3
	Minimum	51	49	51	61	48	42	34	33	38	45	56	54	40	38	34	31	40	39	37	30	27	30	31	31	31	30	35	30	38	52	....	39.1
Fort Smith	Maximum	70	79	80	81	76	69	69	70	63	66	75	68	48	58	60	54	48	59	60	53	56	63	60	57	49	58	67	50	61	68	....	63.1
	Minimum	55	47	59	59	53	46	42	43	46	45	53	48	43	43	42	37	43	46	40	36	36	37	37	43	38	32	41	35	35	49	..	43.0
Grannis	Maximum	70	70	76	78	74	71	70	74	65	65	74	69	68	61	54	50	48	59	68	58	58	63	63	64	53	61	69	61	62	61	....	64.4
	Minimum	52	44	54	53	58	51	43	39	45	49	51	58	50	43	43	35	41	44	39	33	29	34	36	43	38	28	40	31	31	48	....	42.0
Gravette	Maximum	65	72	79	80	73	65	69	62	69	69	76	67	60	53	56	52	47	62	56	52	58	60	66	57	48	55	67	..	59	62	....	62.2
	Minimum	50	37	49	57	49	38	29	31	38	45	54	54	39	37	25	28	39	43	32	23	23	24	28	33	29	32	31	..	22	51	....	36.6
Harrison	Maximum	72	70	72	74	72	70	69	66	60	66	62	58	56	48	49	50	47	47	46	48	47	46	48	46	47	47	43	40	48	60	....	55.5
	Minimum	42	39	40	39	55	50	44	30	32	36	52	55	44	40	35	36	38	32	28	22	24	27	34	32	30	28	29	28	40	46	....	36.7
Hope	Maximum	70	83	84	87	85	75	73	76	68	74	77	73	70	57	55	58	53	65	71	54	57	56	62	68	57	61	69	64	67	72	....	68.4
	Minimum	50	43	50	49	60	51	40	36	38	36	52	58	57	50	46	40	42	48	38	36	31	29	34	35	32	30	34	30	29	42	....	41.1
Hot Springs	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	57	52	51	69	68	58	57	62	55	66	51	62	68	63	61	67	....	60.2
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46	36	41	46	42	33	33	34	34	39	37	30	..	3	32	43	....	37.4
Huttig	Maximum	82	84	86	87	86	83	70	76	71	74	75	75	76	69	67	59	67	73	73	....	....	....	....	....	....	69	....	64	73	71	68	76	....	74.0
	Minimum	55	41	46	46	59	55	54	37	39	35	42	45	64	51	49	38	41	56	43	....	....	....	....	....	....	32	....	30	35	33	29	40	....	43.8
Jonesboro	Maximum	72	79	77	76	77	72	70	69	58	67	76	78	70	64	58	56	59	69	67	56	51	56	64	55	46	57	65	49	60	70	....	64.4
	Minimum	59	51	47	49	57	55	41	40	35	38	47	55	61	49	45	32	39	47	44	33	30	33	31	40	31	25	40	36	26	43	....	42.2
Junction	Maximum	76	82	83	84	85	78	64	74	73	70	72	73	73	70	65	63	64	66	61	65	61	67	68	67	65	65	74	66	65	74	....	70.0
	Minimum	48	40	45	50	62	58	42	37	40	39	50	52	54	52	42	38	36	37	29	31	29	30	33	34	29	28	38	32	30	48	....	40.3
Little Rock	Maximum	72	78	78	80	81	68	70	70	60	66	70	71	63	50	57	53	54	66	64	53	54	60	60	60	46	64	67	48	61	69	....	63.2
	Minimum	57	49	55	54	64	57	45	43	41	40	49	60	48	47	47	40	42	48	45	38	35	38	37	45	36	38	41	36	33	47	....	44.1
Lutherville	Maximum	74	78	79	76	73	67	69	73	64	65	69	67	62	50	59	54	50	55	65	58	57	59	59	61	54	55	65	54	57	60	....	62.2
	Minimum	55	48	55	57	52	47	44	44	41	40	50	60	76	73	65	56	54	65	64	66	63	48	57	54	45	57	6	61	54	67	....	63.1
Magnolia	Maximum	76	81	64	73	73	58	64	64	62	70	76	76	73	65	56	54	65	64	66	40	35	40	33	31	37	35	36	32	40	37	38	38 ..	43.0
	Minimum	55	45	52	55	56	55	47	40	54	52	42	42	50	50	49	41	49	46	35	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Malvern	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marianna	Maximum	71	78	76	78	79	63	66	67	59	65	73	73	78	66	58	52	64	69	68	66	52	59	59	57	53	55	64	59	59	68	....	65.2
	Minimum	60	50	46	47	48	55	47	38	39	33	42	60	57	50	49	36	38	51	39	38	3	36	29	37	38	37	38	39	37	47	....	42.2
Mammoth Spring	Maximum	....	81	77	81	76	75	73	71	64	70	63	66	63	56	62	60	55	68	66	....	....	....	....	....	....	42	....	63	57	62	62	65.2
	Minimum	66	42	43	42	55	46	32	32	32	31	45	49	56	46	37	28	38	41	....	....	....	....	....	....	....	28	21	29	38	24	36	39.0
Marked Tree §§	Maximum	80	82	79	75	67	71	69	67	76	78	77	68	55	58	49	61	68	68	66	54	64	69	67	46	39	46	39	41	42	48	38.4
	Minimum	48	45	46	47	55	39	35	36	35	47	62	60	53	46	32	34	41	39	34	27	28	27	32	32	27	33	38	21	25	32	37.2
Marshall	Maximum	73	74	76	76	71	65	68	66	63	69	70	66	61	56	56	55	56	60	66	61	54	52	55	65	61	42	58	58	50	59	64 ..	62.8
	Minimum	58	53	50	53	61	47	38	48	48	40	55	59	49	42	39	32	43	44	14	30	29	35	33	39	30	38	45	34	37	50	43.0
Mena	Maximum	70	77	75	81	75	77	75	73	65	68	75	66	61	56	53	49	46	60	63	57	56	60	57	61	51	60	68	53	64	64	62.6
	Minimum	53	48	51	56	57	51	40	40	41	40	57	57	44	43	43	36	43	46	40	32	31	34	34	38	37	30	38	31	31	54	42.0
Morrilton	Maximum	77	78	80	80	76	70	68	70	64	66	72	67	64	5	54	52	51	60	63	62	....	52	57	61	56	58	67	59	60	65	64.4
	Minimum	58	44	49	47	59	54	39	36	39	31	49	58	49	47	47	35	41	46	43	35	....	39	34	32	37	29	37	31	31	46	41.6
Mt. Home	Maximum	71	81	80	78	70	70	70	70	60	68	71	63	63	50	60	55	52	67	62	54	55	60	68	56	41	66	63	51	60	63	63.0
	Minimum	56	40	43	46	55	39	31	29	33	33	42	51	47	41	35	26	36	38	37	25	24	28	25	35	27	28	32	34	28	51	36.6
Mount Ida	Maximum	68	67	79	81	76	66	61	75	67	69	73	67	64	51	50	49	56	62	59	55	58	54	56	57	55	65	62	58	64	62	61.0
	Minimum	57	36	45	42	65	51	30	29	29	28	45	59	46	44	41	29	40	44	34	26	22	25	27	30	29	21	30	24	24	54	37.0
Nail	Maximum	75	76	76	76	67	68	67	67	57	60	60	60	59	49	55	55	56	62	59	52	55	58	64	59	58	58	57	48	49	55	60.0
	Minimum	54	53	53	56	48	44	43	42	35	40	45	46	42	38	34	31	32	38	38	27	31	36	30	28	27	28	27	28	30	39	38.0
Newport	Maximum	72	74	80	79	77	76	69	68	59	65	71	71	68	60	56	59	58	62	66	58	52	56	63	57	55	58	66	57	60	68	64.0
	Minimum	58	56	48	47	61	56	40	41	38	36	46	59	60	47	46	34	41	43	40	35	30	31	29	44	33	28	35	37	28	34	42.0
Ozark	Maximum	80	80	81	81	76	70	77	71	65	68	72	74	63	59	63	62	50	67	64	56	54	62	62	61	62	69	52	59	64	63	66.0
	Minimum	55	58	56	42	56	41	36	36	40	45	55	59	45	45	41	32	44	37	36	30	31	31	33	31	30	28	31	36	50	52	43.0
Pine Bluff	Maximum	78	85	82	85	85	78	74	75	66	70	78	76	69	55	62	56	64	73	71	56	51	64	59	67	49	64	72	59	64	75	68.0
	Minimum	57	43	50	46	62	52	41	36	39	34	44	56	54	56	45	37	41	47	40	39	36	30	32	36	39	30	38	32	27	41	41.0
Pocahontas	Maximum	72	79	81	78	79	74	73	69	65	69	71	72	66	50	60	56	55	68	68	60	58	63	69	60	55	58	64	50	58	66	66.0
	Minimum	66	58	60	58	63	55	51	53	44	26	62	69	....	....	....	....	34	36	45	38	31	29	32	27	38	28	23	34	38	25	43.0
Portland	Maximum	80	82	81	87	84	79	66	75	70	69	70	79	84	70	60	53	73	72	70	64	59	69	57	73	64	55	67	58	55	73	69.0
	Minimum	56	43	48	47	62	56	56	39	39	35	41	59	65	56	48	39	41	59	45	41	34	34	34	36	40	32	35	35	34	45	44.0
Prescott	Maximum	75	81	81	84	82	7.	71	75	66	71	76	81	68	52	59	51	82	5.	63	70	63	57	62	60	67	59	63	75	69	65	71.0
	Minimum	56	45	52	51	66	57	43	39	42	39	49	57	51	48	48	40	42	47	40	35	32	33	35	37	41	30	39	33	29	45	43.0
Rison	Maximum	76	82	83	85	85	80	72	72	65	71	76	78	73	58	67	66	66	67	67	64	54	58	64	59	58	63	71	65	64	71	69.0
	Minimum	55	45	51	49	64	54	45	37	40	35	46	58	59	49	46	36	39	49	39	34	29	32	40	32	35	29	37	31	31	44	42.0
Rogers	Maximum	72	77	79	78	73	64	68	68	68	71	75	67	58	51	53	50	50	62	55	51	57	58	65	54	48	54	69	53	62	62	62.0
	Minimum	51	39	46	56	49	35	39	30	37	41	55	50	41	38	30	28	40	44	35	39	22	26	27	35	29	23	37	25	35	52	38.0
Snow Lake	Maximum	73	79	78	81	78	79	61	71	61	67	75	79	68	57	57	54	66	70	71	54	54	59	61	56	55	69	71	58	65	72	68.0
	Minimum	43	44	45	50	55	49	36	37	31	39	40	42	55	49	33	38	41	40	39	30	29	30	33	37	28	35	31	26	43	49	39.0
Stuttgart	Maximum	74	80	79	81	81	75	69	71	68	67	75	77	72	55	57	55	64	59	66	57	54	59	60	60	48	62	69	61	61	72	68.0
	Minimum	58	47	46	47	61	56	43	36	38	34	47	58	55	49	47	34	38	50	49	34	28	30	29	37	34	25	35	30	31	43	41.0
Subiaco	Maximum	70	80	82	81	76	72	74	76	63	68	74	67	64	63	63	65	63	61	66	65	66	60	64	64	63	58	68	60	63	68	68.0
	Minimum	57	45	51	56	55	47	39	39	44	41	51	59	45	44	42	36	43	45	42	32	31	34	34	44	37	32	45	34	32	46	41.0
Texarkana	Maximum	7.	82	86	87	79	75	72	77	73	74	78	78	72	51	60	58	52	64	62	72	62	62	68	63	72	61	62	72	62	72	71.0
	Minimum	5.	47	54	55	60	59	45	40	44	42	55	62	50	49	48	42	15	47	40	35	32	32	38	36	42	30	39	32	38	55	43.0
Warren	Maximum	7.	80	81	85	82	75	68	74	61	71	74	80	71	68	55	57	64	67	69	60	54	60	58	72	59	50	59	68	54	69	74.0
	Minimum	5.	46	49	47	63	55	47	39	41	31	46	58	64	52	49	38	42	53	41	39	32	32	34	38	41	33	40	34	31	44	43.0
Wynne	Maximum	7.	84	79	86	78	72	74	71	61	70	63	79	72	64	61	52	64	67	68	60	58	72	72	59	50	59	68	54	69	74	69.0
	Minimum	6.	51	47	51	62	51	42	37	36	36	45	48	64	50	47	33	40	51	40	35	29	30	29	35	30	29	37	38	30	31	40.0

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

OL. XXVII. LITTLE ROCK, Ark., DECEMBER, 1922. No. 12.

GENERAL SUMMARY.

The outstanding characteristic of the weather during Decemer was the positive temperature departure which was 5.7° aove normal. The month opened with temperatures 15° to 20° oove normal and unseasonably warm weather continued roughout the first 8 days. From the 9th to 20th temperatures ere near or somewhat below normal, from the 20th to the close the month above. Rain occurred in all sections during the rst week and showers were frequent to the 17th. From the 18th the 25th practically no rain fell, but after the 25th showers ere frequent. The rainfall and mild temperatures were very vorable for wheat, oats, meadows, pastures, and truck, all of hich made excellent progress throughout the month. Outdoor ork progressed satisfactorily.

There were 12 clear days, 5 partly cloudy, and 14 cloudy, all ractically normal. The prevailing wind was from the north veraging about 8 miles per hour. The maximum velocity reorded during the month was at Fort Smith, 34 miles per hour rom the northwest on the 27th. There was about 44% of the ormal amount of sunshine.

W. C. H.

TEMPERATURE.

The mean temperature for the month of December, as dermined from the records of 49 stations, was 47.8° which is .7° above normal. Positive departures were recorded at all staons, the greatest being 9.6° at England, Lonoke County. This as the warmest December since state wide records have been ept and was the eighth consecutive month of 1922 with a posive temperature departure. The highest monthly mean was 7.2° at Magnolia, the lowest, 42.0° at Nail. The highest temerature recorded during the month was 86° at Dutton on the th, the lowest 12° at Marked Tree on the 18th. The highest ccurred in all sections during the first decade, the lowest about he 18th or 19th.

PRECIPITATION.

The average precipitation, as determined from the records of 0 stations, was 5.17 inches which is 0.50 inch above normal. Ionthly totals ranged from 8.28 inches at El Dorado to 1.00 nch at Whitecliffs. The greatest amount measured in 24 conecutive hours was 3.95 inches at Pindall on the 27th. Nail reorted an inch of snow, Dutton a half inch, and Pindall a trace, hese three being the only stations reporting snow during the ionth. The average number of rainy days was 9.

Correction: Calico Rock, river stage November 30th should e –0.1.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.09	30.55	12	29.63	30	4,803	24	s.	29	.....	.....	44
Fort Smith...	30.07	30.53	18	29.54	27	6,424	34	nw.	27	77	64	43
Little Rock	30.09	30.50	18	29.52	27	6.689	29	n.	12	86	75	48
Memphis....	30.11	30.54	18	29.43	27	7,079	32	sw.	4	78	66	39

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 10; 2d, 1; 3d, 2; 6th, 2; 7th, 6; 8th, 1; 9th, 6; 26th, 6; 27th, 8; 29th, 1; 30th, 11; 31st, 5.

Killing Frost:– Magnolia, 13th, Subiaco, 19th.

Dense Fog:– 7th, 2; 14th, 2; 26th, 1.

Lunar Halos:–5th, 1; 12th, 1; 24th, 1; 25th, 1; 29th, 2.

Light Hail:– 9th, 1; 27th, 1; 30th, 1.

Sleet:– 9th, 1; 11th, 1.

COMPARATIVE DATA FOR ARKANSAS---- DECEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more
*Normal**	*42.1*		*79*	*8*	*4.09*		*12*	*6*	*13*	*7*
1891.....	46.9	+4.8	72	13	4.69	+0.63	14	7	10	7
1892.....	40.9	−1.2	83	− 7	8.79	+4.70	7	6	18	10
1893.....	45.4	+3.3	79	3	1.83	−2.26	14	8	9	5
1894.....	44.6	+2.5	82	−11	3.48	−0.61	14	6	11	6
1895.....	43.8	+1.7	78	5	3.96	−0.13	13	6	12	7
1896.....	45.8	+3.7	81	8	0.84	−3.25	8	7	16	8
1897.....	40.3	−1.8	86	10	6.00	+1.91	10	5	16	8
1898.....	39.5	−2.6	76	− 4	1.87	−2.22	16	6	9	5
1899.....	41.0	−1.1	74	8	4.08	−0.01	15	7	9	7
1900.....	44.9	+2.8	82	10	2.76	−1.33	16	6	9	5
1901.....	38.5	−3.6	87	− 6	4.42	+0.33	12	6	13	6
1902.....	40.8	−1.3	86	5	5.71	+1.62	10	6	15	8
1903.....	39.7	−2.4	74	6	3.44	−0.65	18	5	8	6
1904.....	42.9	+0.8	80	3	5.10	+1.01	12	7	12	7
1905.....	38.5	−3.6	70	7	4.96	+0.87	14	5	12	9
1906.....	46.5	+4.4	83	10	5.64	+1.55	8	7	16	8
1907.....	44.4	+2.3	85	11	2.70	−1.39	12	6	13	7
1908.....	46.0	+3.9	82	11	1.50	−2.59	13	7	11	5
1909.....	35.3	−6.8	82	1	5.26	+1.17	14	6	11	9
1910.....	40.8	−1.3	75	9	3.57	−0.52	13	6	12	6
1911.....	43.0	+0.9	78	3	7.00	+2.91	10	7	14	12
1912.....	41.7	−0.4	76	8	2.63	−1.46	14	7	10	7
1913.....	43.6	+1.5	77	14	3.26	−0.83	7	7	17	9
1914.....	36.1	−6.0	70	−11	6.26	+2.17	8	4	19	12
1915.....	43.9	+1.8	78	11	4.73	−0.64	12	4	15	7
1916.....	42.1	0.0	82	−16	3.35	−0.74	14	6	11	6
1917.....	31.8	−7.3	81	−21	1.29	−2.80	13	6	12	3
1918.....	47.6	+5.5	88	9	5.62	+1.53	14	5	12	7
1919.....	40.4	−1.7	78	1	1.94	−2.15	13	4	14	5
1920.....	43.2	+1.1	74	6	5.95	+1.86	13	5	13	8
1921.....	47.1	+5.0	82	11	2.78	−1.31	13	6	12	6
1922.....	47.8	+5.7	86	12	4.59	+0.50	12	5	14	9

* Based on 30 years record.

Climatological Data for December, 1922.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	.....	29	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Albert Dillard.
Arkadelphia	Clark	186	26	.....	.....	.....	.....	.....	.....	.....	2.47	−2.62	1.15	0	7	12	0	19	n.	F. J. Carpenter.
Arkansas City	Desha	145	38	.....	.....	.....	.....	.....	.....	.....	5.74	+0.74	1.08	0	13	10	3	18	n.	Geo. E. Payne.
Arlberg.....††	Stone	700	1	.....	.....	.....	.....	.....	.....	.....	6.20	.....	2.00	0	8	14°	0°	14°	.....	J. D. Reeves.
Batesville	Independence	277	23	43.1	+ 2.8	72	1	13	19†	42	3.97	+0.17	1.08	0	12	13	2	16	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	.....	30	43.4	+ 1.0	71	2	15	19	40	5.85	+2.10	1.55	0	13	10	5	16	n.	J. E. Scanlan.
Bentonville	Benton	1303	16	43.0	+ 5.5	73	7	17	12	37	2.71	−0.05	1.35	0	8	11	6	14	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	20	....	.....	.....	.....	.....	.....	.....	6.48	+2.92	1.51	0	12	12	2	17	...	Vernon C. Howe.
Booneville.....††	Logan	600	8	46 6	.....	78	4	24	13	33	2.97	... ..	0.87	0	10	11	7	13	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	40	49.8	+ 6.5	79	8	18	19	38	6.14	+1.12	1.68	0	9	13	5	13	n.	H. L. D. Whitson.
Calico Rock	Izard	361	18	43.1	.....	75	1	15	19†	48	7.39	+4.53	2.29	0	9	11	9	11	n.	W. J. Copp.
Camden	Ouachita	158	36	49.9	+ 4.5	81	8	21	19	43	2.60	−2.20	0.79	0	10	10	2	19	ne.	A. B. Quarterman.
Clarendon	Monroe	200	18	.....	.....	.....	.....	.....	.....	.....	4.67	−0.85	1.50	0	12	9	2	20	ne.	J. W. Bishop.
Clinton	Van Buren	516	1	.....	.....	.....	.....	.....	.....	.....	6.21	.....	1.24	0	14	9	7	15	s.	Dr J. M. Hunter.
Conway	Faulkner	309	38	47.5	+ 5.3	76	2	18	19	42	4.90	+0.84	1.35	0	9	12	12	7	e.	E. E. Cordrey.
Corning	Clay	293	22	42.6	+ 1.6	70	1†	14	19	41	6.66	+3.16	1.60	0	13	12	5	14	s.	Rev. N. E. Skinner.
Dam No. 1. ††	White	190	1	.....	.....	.....	.....	.....	.....	.....	5.42	.....	1.85	0	10	12	7	12	.....	H. S. Cooper
Danville	Yell	337	7	.....	.....	.....	.....	.....	.....	.....	4.25	.....	1.65	0	8	12	2	17	w.	C. P. Evans.
Dardanelle	Yell	330	36	46.8	+ 6.5	78	7	22	19	41	4.46	+1.20	1.40	0	7	14	0	17	e.	J. D. Riley.
Dodd City	Marion	1175	40	42.2	+ 3.3	73	2	13	19	44	5.35	+2.33	2.50	0	7	13	9	9	nw.	Neal Dodd.
Dumas	Desha	162	15	51.2	+ 5.6	85	9	21	19	48	4.21	−1.17	1.75	0	15	9	7	15	.....	Ben. Johnson.
Dutton	Madison	1590	20	44.6	+ 7.2	86	5	13	19	46	7.23	+4.28	2.73	0.5	6	14	6	11	s.	J. M. Ricketts.
El Dorado	Union	270	18	51.7	+ 6.3	80	9	23	19†	35	8.28	+2.44	1.90	0	13	9	6	16	n.	J. J. Babb.
England	Lonoke	229	15	51.9[d]	+ 9.6	80[d]	1	23[d]	20	39[d]	3.90	−0.69	0.92	0	9	11[d]	1[d]	15[d]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	20	45.2	+ 6.6	73	7	17	12	38	5 41	+3.17	1.96	0	6	11	10	10	n.	George W. Nicholds.
Fayetteville	Washington	1451	36	45.4	+ 6.0	76	7	18	12	44	3.83	+1.22	1.38	0	7	15	5	11	ne.	University of Arkansas
Fort Smith	Sebastian	481	40	46.6	+ 4.9	77	7	25	19	32	3.27	+0.39	1.14	0	9	9	10	12	e.	U. S. Weather Bureau.
Fulton	Hempstead	264	36	.....	.....	.....	.....	.....	.....	.....	2.35	−1.17	1.00	0	5	12	0	19	s.	F. J. Logan.
Georgetown	White	200	9	.....	.....	.....	.....	.....	.....	.....	3.92	.....	0.96	0	9	16	2	13	ne.	Cleve Bell.
Grannis	Polk	900	4	49.8	.....	75	7	21	19	36	4.66	.....	1.23	0	10	15	5	11	s.	W. E. Mc Vay.
Gravette	Benton	1250	24	43.2	+ 6.0	7[illegible]	7	13	21	41	3.86	+1.72	1.40	0	6	11	9	11	sw.	A. F. Stevens.
Harrison	Boone	1100	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Brooks.
Heber Springs	Cleburne	485	1	.....	.....	.....	.....	.....	.....	.....	4.23	.....	0.93	0	10	11	5	15	e.	E. C. Spranhurst.
Helena	Phillips	182	1	.....	.....	.....	.....	.....	.....	.....	5.82	+0.74	2.10	0	13	9	0	22	.....	James A. Burnett.
Higden	Cleburne	445	54	.....	.....	.....	.....	.....	.....	.....	5.98	.....	1.71	0	11	13	7	11	n.	J. A. Ingram.
Hope	Hempstead	377	50	51.6	+ 5.(	1	8	20	20	44	1.56	−2.89	0.50	0	7	13	3	15	s.	N. P. O' Neal.
Hot Springs	Garland	600	29	49.2[a]	+ 4.8	74[a]	1†	23[a]	19	34[a]	3.29	−1.05	1.45	0	13	14	3	14	.....	P. P. Patraw.
Huttig	Union	.....	15	55.0	+ 8.9	8[illegible]	8	24	19	44	5.60	+0.47	1.40	0	10	12	8	11	sw.	J. L. Collett.
Jonesboro	Craighead	345	27	45.4	+ 5.0	7[illegible]	8†	17	19	36	5.21	+0.60	1.18	0	14	14	2	15	ne.	Benedictine Sisters.
Junction	Union	182	29	52.1	+ 6.6	82	5	24	19†	35	2.44	−1.54	0.78	0	5	11	3	17	n.	J. A. Lauderback.
Lincoln	Washington	1500	1	.....	.....	.....	.....	.....	.....	.....	1.96	.....	0.75	0	4	18	6	7	sw.	L. E. Nabers.
Little Rock	Pulaski	286	43	48.4	+ 4.2	74	[illegible]	22	19	31	3.38	−0.86	1.33	0	11	9	8	14	s.	U. S. Weather Bureau.
Lutherville ††	Johnson	775	25	46.0	+ 5.4	74	.....	20	19	35	7.02	+3.66	2.00	0	11	15	5	11	e.	H. Kauffeld.
Magnolia	Columbia	315	4	57.2	....	80	8	24	19	33	4.06	.....	1.20	0	8	10	5	16	s.	State Agriculture Schoo
Mammoth Spring	Fulton	512	17	43.0[a]	+ 5.0	75[a]	1	14[a]	19	47[a]	5.03	+2.15	1.10	0	12	18	6	7	n.	F. Wallick.
Marianna	Lee	235	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. N. Houck.
Marked Tree	Poinsett	229	17	44.4	.....	75	7	12	18	44	4.46	+0.13	1.35	0	10	11	6	14	sw.	Charles Walton.
Marshall	Searcy	1083	7	46.4	.....	71	2	19	19	39	6.61	....	3.58	0	10	11	14	6	sw.	W. F. Reeves.
Mena	Polk	1208	34	47 6	+ 5.0	72	25†	21	19	35	2.39	−1.74	0 97	0	13	10	9	12	e	E. W. St. John.
Morrillton	Conway	347	2	47.2[a]	.....	74[a]	2	21[a]	19	36[a]	5.24	.....	1.40	0	11	10[a]	11[a]	9[a]	e.	J. W. Jackson.
Mountain Home	Baxter	800	8	45.2[a]	.....	73[b]	1†	13[b]	19	43[b]	5.80	.....	2.75	0	7	11[b]	2[b]	10[b]	sw.	B. S. Halbert.
Mount Ida	Montgomery	730	24	47.1	.....	75	2	15	19	48	4.34	+0.03	1.67	0	8	14	2	15	sw.	G. A. Whittington.
Murfreesboro	Pike	367	6	....	.....	.....	.....	.....	.....	.....	2.87	.....	0.80	0	5	13	4	14	.....	Henry A. Davis.
Nail	Newton	2233	29	42.0	+ 4.8	65	2	16	12	40	6.60	+3 01	2.50	1.0	8	9	6	16	s.	Charles Paxton.
Newport	Jackson	231	38	46.0	+ 4.9	72	2	18	19	32	5.50	−1.68	1.73	0	12	8	8	15	s.	George L. Robinson.
Ozark	Franklin	450	26	46.4	+ 4.2	78	7	21	19	36	5.47	+2.16	2.12	0	7	6	10	15	nw.	Isham Burrow.
Patterson	Woodruff	196	6	.....	.....	.....	.....	.....	.....	.....	4.62	.....	1.01	0	9	14	0	17	n.	W. E. Baker.
Pindall	Searcy	.....	1	....	.....	.....	.....	.....	.....	.....	7.20	.....	3.95	T.	9	14	6	11	ne.	W. W. Wood.
Pine Bluff	Jefferson	215	38	51.2	+ 6.5	81	8	22	19	43	4.81	−0.36	1.10	0	14	11	3	17	sw.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	30	44.1	+ 4.7	72	1	16	19	39	6.60	+3.07	1.40	0	12	13	3	15	n.	Benedictine Sisters.
Portland	Ashley	122	16	54.8	+ 7.8	85	8	24	19	39	4.67	- 1.10	1.35	0	9	10	10	11	sw.	W. E. Edmiston.
Prescott	Nevada	327	40	52.2	+ 8.4	80	1†	22	19†	41	1.90	−2.33	1.14	0	8	13	5	13	w.	O. J. Stephenson.
Princeton	Dallas	287	15	.....	.....	.....	.....	.....	.....	.....	1.95	−3.70	0.50	0	5	13	0	18	.....	Foote Coleman.
Rison	Cleveland	243	18	50.8	+ 6.3	80	8	20	19	38	3.65	−0.11	1.86	0	5	11	17	3	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	31	43.6	+ 5.2	73	2†	15	19	42	6.46	+4.30	2.54	0	8	13	5	13	n.	Carl A. Starck.
Searcy	White	236	9	....	.....	.....	.....	19	19	.....	3.80	.....	1.00	0	7	19	2	10	sw.	J. E. Lightle.
Snow Lake	Arkansas	.....	1	50.2	.....	79	8	22	18	39	5.56	.....	2.26	0	11	10	5	16	.....	J. L. Britt.
Springbank ††	Miller	240	10	....	.....	.....	.....	.....	.....	.....	3.26	−1.67	1.04	0	7	14	3	14	.....	Miss Grace Field.
Stuttgart	Arkansas	228	31	49.8	+ 6.0	79	1†	19	19	39	3.79	−1 10	0.92	0	10	11	6	14	sw.	H. A. Buerkle.
Subiaco	Logan	1050	25	49.9	+ 8.2	78	7†	21	19	43	6.10	+3.09	2.52	0	7	14	7	10	n.	New Subiaco Abbey.
Texarkana	Miller	332	40	55.2	+ 8.6	82	1†	23	19	43	1.68	−1.87	0.56	0	8	11	3	17	n.	H. S. Brashear.
Waldron	Scott	675	4	....	.....	.....	.....	.....	.....	.....	3.60	.....	1.34	0	8	9	4	18	sw.	Dr. Cheves. Bevil
Warren	Bradley	206	27	52.8	+ 8.5	81	8	23	19	38	4.39	−1.19	1.75	0	6	11	8	12	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	17	....	.....	.....	.....	.....	.....	.....	1.00	−3.42	1.00	0	1	14	1	16	.....	Miss Eufela M. Schirm
Wynne	Cross	250	14	48.7	+ 8.4	75	2	18	19	34	5.17	+0.39	1.49	0	12	8	3	20	n.	E. O. Allen.
State Means and Extremes				47.8	+ 5.7	86	5	12	18	48	4.59	+0.50	3.95	0.8	9	12	5	14	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determin section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randol La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Timbers, Rover, Ark.; Dam No. 1; Judsonia, Ark.

Daily Precipitation for December, 1922.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Arkadelphia	Ouachita	....	.02	....	.20	.25	....	....	.35	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	1.15	2.47
Arkansas City	Mississippi	....	.12	T.	.52	.37	.23	T.	....	.54	.12	....	.48	.10	....	.76	....	.32	....	....	....	....	....	....	....	....	..	.73	.37	....	....	1.08	5.74
Arlberg	White	.70	1.10	.10	.20	....	.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	....	....	1.10	.10	6.20
Batesville	White	.24	.85	.06	.06	.40	....	.32	.04	.04	....	....	....	....	....	....	....	.04	....	....	....	....	....	....	....	....	T.	.72	.12	....	....	1.08	3.97
Bee Branch	Arkansas	.80	.25	.10	.15	.55	.55	.10	....	.20	....	....	....	....	.20	....	....	.10	....	....	....	....	....	....	....	....	T.	1.55	....	....	.85	.45	5.85
Bentonville ***	Arkansas	.01	....	.01	.18	....	1.33	.02	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	.11	.83	....	....	.22	....	2.71
Black Rock	White	.88	.66	.08	.60	.85	....	.72	.04	.03	T.	....	....	....	T.	....	....	.04	....	....	....	....	....	....	....	....	....	.50	.57	....	....	....	1.51	6.48
Booneville	Arkansas	.66	.02	....	.06	.18	.59	.10	....	.02	....	....	....	....	....	....	....	.08	....	.39	....	....	....	....	....	....	....	....	....	....	.87	....	2.97
Brinkley	White	....	.18	1.08	....	1.01	....	1.68	....	.22	....	....	....	....	.06	....	....	....	....	....	....	....	....	....	....	....	T.	....	1.22	....	.18	.51	6.14
Calico Rock	White	1.12	.35	..	.38	.16	....	.45	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	2.29	1.30	....	....	1.25	7.39
Camden	Ouachita	....	....	....	....	.14	.02	.33	.30	.16	.52	....	.08	....	.06	....	....	....	....	....	....	....	....	....	....	....	....	.79	....	....	....	.20	2.60
Clarendon	White	....	.01	.10	.07	.84	....	.90	.50	.22	.05	....	.02	....	.01	T.	....	T.	....	....	....	....	....	....	....	....	1.50	T.	....	....	....	.45	4.67
Clinton	White	1.11	1.20	.10	.05	.37	.42	.04	....	.03	....	....	....	....	.01	....	....	.05	....	....	....	....	....	....	....	....	1.12	.05	....	1.24	.42	6.21
Conway	Arkansas	.09	.65	....	1.35	....	.38	....	....	.25	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	.47	.07	....	1.07	.57	4.90
Corning	White	.36	.40	.52	1.60	.19	.06	.51	.08	T.	....	....	....	....	.11	....	....	.12	....	....	....	....	....	....	....	....	1.03	....	....	.44	1.24	6.66
Dam No. 1	White	.48	....	....	.03	1.10	.92	.25	.09	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	....	.42	.25	....	1.85	....	....	5.42
Danville	Arkansas	.50	.10	T.	T.	.85	....	.35	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.65	.05	....	....	.60	4.25
Dardanelle	Arkansas	.30	.25	....	....	.60	....	.95	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.40	.15	....	....	.81	4.46
Dodd City	White	.60	.11	.28	.26	....	T.	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	2.50	....	....	1.50	....	5.35
Dumas	Arkansas	.02	.03	.05	....	.22	.08	.40	.18	.02	....	.02	.20	....	.36	.05	....	.08	....	....	....	....	....	....	....	T.	1.75	....	....	....	.75	4.21
Dutton	White	1.20	....	....	....	....	1.31	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.73	....	....	1.63	.26	7.23
El Dorado	Ouachita	....	.05	....	....	1.38	.02	1.80	1.64	.40	.35	....	.18	....	.06	.08	....	.15	....	....	....	....	....	....	....	....	1.90	....	....	....	.27	8.28
England	Arkansas	....	.02	.37	....	.92	....	.52	....	.57	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	.88	....	....	.45	.14	3.90
Eureka Springs	White	1.05	....	.16	.38	....	1.53	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	1.96	....	....	....	.33	5.41
Fayetteville	White	1.07	....	.15	.22	....	.34	.37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.38	....	....	T.	....	3.83
Fort Smith ***	Arkansas	.42	.03	T.	.45	....	.85	.29	....	....	....	T.	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	.07	.92	....	.15	....	3.27
Fulton	Red	....	.09	....	....	.22	....	.17	....	T.	....	....	T.	....	T.	....	....	....	....	....	....	....	....	....	....	....	1.00	....	....	....	.87	2.35
Georgetown	White	....	.25	.40	....	.75	....	.10	.23	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.95	.04	....	....	.96	3.92
Grannis	Red	.25	.14	.04	....	.89	T.	.33	....	.63	....	.06	....	....	T.	....	....	.23	....	....	....	....	....	....	....	....	1.23	....	....	.86	....	4.66
Gravette	Arkansas	.60	....	T.	.22	....	1.35	.16	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	1.40	....	....	T.	.13	3.86
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Heber Springs	White	.37	.22	.03	.53	....	.41	.47	....	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.93	....	.91	.28	4.23
Helena	Mississippi	....	.04	.04	.10	.54	....	.06	1.46	....	.46	....	.06	....	.10	.30	....	....	....	....	....	....	....	....	....	....	2.10	.06	....	....	.50	5.82
Higden	White	1.71	.75	.05	.58	....	.50	....	....	.10	....	....	....	.10	....	.05	....	....	....	....	....	....	....	....	....	....	1.02	.08	....	1.04	....	5.98
Hope	Red	....	.07	....	....	.25	....	.10	....	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	.50	.12	....	1.56
Hot Springs	Ouachita	.14	.14	.13	....	.68	.02	.07	....	.33	T.	T.	....	T.	.03	T.	....	.03	....	....	....	....	....	....	....	....	.03	.20	T.	....	.95	.50	3.25
Huttig	Ouachita	.35	....	....	....	.20	....	.60	....	.60	....	....	.50	....	.50	.10	....	.55	....	....	....	....	....	....	....	....	1.40	....	....	.80	....	5.60
Jonesboro	White	.34	1.18	.20	.51	.43	.19	.22	T.	.13	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	....	.06	.82	.08	....	.55	.46	5.21
Junction	Ouachita	....	....	....	....	....	....	.48	....	.57	....	....	....	.19	T.	....	....	....	....	....	....	....	....	....	....	....	.78	....	....	....	.42	....	2.44
Lincoln	Arkansas	....	....	.23	....	....	.48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	.50	....	....	....	....	1.96
Little Rock ***	Arkansas	.03	T.	.42	.71	....	.02	.11	....	.17	....	T.	....	....	.02	....	.01	T.	....	....	....	....	....	....	....	....	.52	.04	....	1.33	....	3.38
Lutherville	Arkansas	.92	1.20	.10	.36	.50	.72	.08	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	....	2.00	....	....	.89	.11	7.02
Magnolia	Red	....	....	....	....	1.10	....	.35	....	1.20	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.25	.80	....	.25	.01	4.06
Malvern	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mammoth Spring	White	.49	.22	.85	.40	.06	.30	.44	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	....	....	1.10	.01	....	.75	.26	5.03
Marianna	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marked Tree	Mississippi	....	1.35	T.	.19	.54	....	.61	.32	T.	.08	....	....	....	.02	T.	....	.03	....	....	....	....	....	....	....	....	1.16	.16	....	....	....	4.46
Marshall	White	1.02	.20	.08	.15	....	.26	.08	....	....	....	....	....	....	....	....	....	.06	....	....	....	....	....	....	....	....	3.58	....	....	1.00	.18	6.61
Mena	Ouachita	.28	.20	.02	T.	.97	....	.28	.05	.13	....	....	....	....	.08	.02	....	.08	....	....	....	....	....	....	....	....	.08	.17	....	.03	....	2.39
Morrillton	Arkansas	.24	.09	.04	.40	1.09	.61	.11	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.40	....	....	1.00	.11	5.24
Mountain Home	White	....	....	.23	.41	....	.65	....	....	....	....	....	....	....	....	....	....	.20	T.	....	....	....	....	....	....	....	2.75	....	....	1.23	.33	5.80
Mount Ida	Ouachita	.32	.12	....	....	.63	.06	....	....	.39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.67	....	....	1.10	.05	4.34
Murfreesboro	Ouachita	.64	.51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	41	.80	....	....	....	....	....	....	....	....	....	....	....	.51	2.87
Nail	White	.80	.25	.10	.25	....	.40	.30	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	2.50	....	....	2.00	....	6.60
Newport	White	.03	1.09	.10	.22	.89	....	.29	.42	.09	.16	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	.39	.09	....	....	1.73	5.50
Ozark	Arkansas	.15	....	.13	.20	.30	1.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.12	....	....	1.31	....	5.47
Patterson	White	....	.32	....	.03	.93	....	.68	.49	.20	....	....	....	....	.06	....	....	....	....	....	....	....	....	....	....	....	.90	....	....	....	1.01	4.62
Pindall	White	.78	.02	.04	.34	....	.57	.07	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	T.	3.95	....	1.38	....	7.25
Pine Bluff	Arkansas	T.	.02	.47	.02	.20	....	.28	1.10	.43	.40	....	.05	..	.05	.02	....	.15	....	....	....	....	....	....	....	T.	1.09	.01	....	....	.67	4.81
Pocahontas	White	.60	.80	.30	1.40	.30	.25	.70	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	....	....	.90	.25	....	.45	.50	6.60
Portland	Ouachita	.27	....	....	....	....	....	.42	....	.35	....	....	.54	....	.20	.35	....	.34	....	....	....	....	....	....	....	....	.85	....	....	....	1.35	1.67
Prescott	Ouachita	T.	.03	.10	T.	.09	....	.06	T.	....	T.	....	.03	....	.03	....	....	T.	....	....	....	....	....	....	....	....	.42	....	T	T.	1.14	1.90
Princeton	Ouachita	....	....	....	....	....	....	.35	.40	....	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	.50	1.95
Rison	Ouachita	....	....	....	....	....	....	1.86	....	.10	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	....	1.33	....	....	.25	....	3.65
Rogers	Arkansas	2.20	....	T.	.31	....	2.45	.09	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	.35	.78	....	.02	.26	6.46
Searcy	Red	....	....	....	.50	....	.20	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.50	....	.85	.65	3.80
Snow Lake	Mississippi	.05	.41	.18	.23	....	....	.47	....	.04	....	....	....	.57	.62	....	.09	....	....	....	....	....	....	....	....	....	2.26	....	....	....	.64	5.56
Springbank	Red	....	....	T.	....	1.04	T.	.23	T.	.60	.13	T.	T.	....	T.	.08	....	....	....	....	....	....	....	....	....	....	....	.63	T.	....	.55	....	3.26
Stuttgart	Arkansas	....	.03	.25	....	.76	....	.82	....	.37	....	.02	....	....	.04	....	....	....	....	....	....	....	....	....	....	....	.12	.92	....	....	....	.46	3.79
Subiaco	Arkansas	....	1.11	.03	.61	....	1.04	.04	....	....	....	....	....	....	....	....	....	T	....	....	....	....	....	....	....	....	2.52	....	....	.75	....	6.10
Texarkana	Red	....	....	....	.05	....	....	.21	....	.05	....	.05	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	.06	.50	....	.56	.26	1.68
Waldron	Arkansas	.37	T.	....	1.04	....	.12	T.	....	.06	....	....	....	....	....	....	....	.34	....	....	....	....	....	....	....	....	.15	.18	....	1.34	....	3.60
Warren	Ouachita	....	....	T.	....	.33	....	1.10	....	.48	....	T.	T.	....	.33	....	....	T.	....	....	....	....	....	....	....	T.	1.75	....	....	T.	.40	4.39
Whitecliffs	Red	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	1.00	1.00
Wynne	Mississippi	....	.45	.25	.08	.82	....	.21	.97	.11	.07	....	T.	....	.07	T.	....	T.	....	....	....	....	....	....	....	T.	1.49	.02	....	....	.63	5.17

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. (T) Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for December, 1922.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.5	6.5	6.3	6.1	5.5	5.4	5.5	6.0	6.5	6.1	5.5	5.2	5.0	5.0	4.8	4.8	4.4	4.3	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.7	3.6	4.2	4.1	4.0	4.0
Dardanelle	do	20	2.8	2.8	3.0	4.1	4.7	4.6	4.6	4.6	4.5	4.7	4.9	4.5	4.5	3.6	3.2	3.1	3.0	2.9	2.9	2.8	2.5	2.3	2.1	1.9	1.8	1.6	1.5	5.8	5.8	5.0	6.4
Little Rock	do	23	1.7	1.5	1.4	1.2	1.7	2.6	3.5	3.6	3.7	3.6	3.5	3.6	3.5	3.2	2.7	2.2	2.0	1.8	1.6	1.4	1.3	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.5	4.5	4.5
Pine Bluff	do	25	6.0	5.5	5.6	5.5	5.5	5.5	6.5	7.0	7.1	7.2	7.2	6.9	6.9	7.0	6.6	6.0	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.4	4.4	5.3	6.7
Black Rock	Black	14	2.2	2.9	2.5	3.9	4.2	3.3	3.7	3.6	3.1	3.0	2.8	2.8	2.8	2.7	2.7	2.5	2.5	2.5	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0	3.4	3.2	3.0	5.8
Calico Rock	White	18	0.1	0.0	0.0	0.0	1.3	1.1	1.6	1.4	1.6	2.6	2.1	2.0	1.5	1.2	1.1	1.0	1.0	0.6	0.6	0.2	0.3	0.4	0.2	0.1	0.0	0.0	0.3	6.0	6.4	5.8	7.5
Batesville	do	23	5.1	5.4	5.3	5.2	5.4	6.6	6.4	6.7	6.6	6.7	8.0	7.5	7.3	6.6	6.3	6.1	6.0	5.9	5.6	5.6	5.3	5.3	5.4	5.3	5.2	5.1	5.3	9.5	13.4	12.0	11.8
Newport	do	26	2.5	2.5	2.5	2.6	2.6	2.8	3.5	4.9	5.2	4.6	4.0	3.9	3.9	3.8	3.6	3.6	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	4.0	7.5	8.1
Georgetown	do	22	0.3	0.3	0.3	0.4	0.7	1.5	2.3	3.0	3.6	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.2	2.8	2.4	2.1	1.8	1.4	1.3	1.0	0.8	0.7	0.9	0.9	1.0	6.3	9.2
Clarendon	do	30	7.2	7.2	7.1	7.1	7.2	7.4	7.9	8.5	9.2	9.8	10.2	10.4	10.4	10.5	10.5	10.5	10.5	10.3	10.1	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.6	8.5	8.4	8.5	10.9
Helena	Mississippi	42	4.7	4.2	3.9	3.7	3.5	3.5	3.5	3.8	4.0	4.5	5.0	5.7	6.5	7.9	9.5	10.9	11.7	12.1	12.4	12.6	13.2	14.0	14.9	16.0	17.1	18.4	20.0	21.1	21.2	20.5	19.2
Arkansas City	do	42	7.8	7.1	6.4	6.0	5.7	5.5	5.3	5.2	5.4	5.9	6.4	6.8	7.6	8.2	9.0	11.2	12.9	13.9	14.6	14.9	15.2	15.6	16.3	17.3	18.4	19.5	20.6	22.5	23.8	24.2	24.0
Camden	Ouachita	49	5.5	5.4	5.3	5.3	5.2	5.2	5.2	5.6	5.8	5.9	6.1	6.2	6.2	6.3	6.4	6.4	6.2	6.1	5.9	5.9	5.8	5.8	5.7	5.8	5.7	5.7	5.7	5.8	5.8	5.8	6.8
Danville	Petit Jean	20	1.5	1.5	1.5	1.4	3.2	3.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.4	5.3	3.2	3.0	2.9	2.7	2.6	2.4	2.2	2.1	4.8	4.0	3.8	3.6	4.0
Fulton	Red	28	7.6	7.4	7.1	7.0	6.9	6.8	6.9	7.0	7.7	7.4	7.7	7.7	7.8	7.9	7.7	7.5	7.4	7.1	7.0	6.9	6.8	6.7	6.5	6.5	6.5	6.4	6.4	6.4	6.6	6.7	6.7
Arkadelphia	Ouachita	18	0.0	0.0	0.0	0.0	0.3	1.2	1.0	1.0	1.0	1.3	1.5	1.4	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.0	0.1	0.3	2.0	0.9	2.5
Patterson	Cache	9	4.3	4.4	4.5	4.3	4.1	4.0	4.0	4.2	4.5	4.7	4.8	4.9	5.3	5.6	5.9	6.2	6.5	6.9	7.0	7.1	7.2	7.2	6.8	6.6	6.5	6.1	6.2	6.0	5.6	5.2	4.8

† Below zero of the gage.

Daily Temperatures for December, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Batesville §§	Maximum	72	59	63	71	55	57	69	68	37	45	46	37	42	61	42	41	45	36	44	51	55	62	71	68	69	64	53	55	57	54	45	54.6
	Minimum	46	51	51	51	43	31	39	56	32	32	29	26	21	21	29	29	31	23	13	13	18	20	25	27	28	28	52	31	22	23	38	31.6
Bee Branch	Maximum	61	71	68	64	65	50	68	70	41	44	45	45	34	63	64	39	38	36	37	46	49	59	66	59	63	63	62	56	58	53	49	54.4
	Minimum	55	55	53	52	40	39	42	37	29	30	27	23	19	30	24	26	28	22	15	20	21	25	30	30	29	40	35	29	26	40	32	32.4
Bentonville	Maximum	67	71	66	66	54	54	73	65	31	44	52	28	41	61	31	39	36	36	46	47	54	64	63	65	69	69	49	54	58	59	43	53.4
	Minimum	52	50	45	41	32	39	54	28	26	28	26	17	22	27	18	29	24	22	20	29	24	31	34	37	38	49	31	25	38	43	27	32.5
Booneville	Maximum	64	71	68	78	74	52	77	73	40	38	56	50	44	63	63	46	40	38	52	47	49	48	51	48	53	57	54	54	58	55	46	55.1
	Minimum	56	57	58	60	41	40	44	40	35	32	32	28	24	37	32	31	32	27	35	40	36	32	36	30	34	40	42	35	38	42	34	38.1
Brinkley	Maximum	77	76	73	71	71	64	68	79	53	46	48	48	41	67	66	39	45	42	49	54	55	65	68	72	73	74	66	53	59	59	58	60.6
	Minimum	64	64	57	60	47	41	50	53	35	34	33	31	23	36	35	33	33	25	18	23	26	29	40	35	35	49	42	37	31	45	43	38.9
Calico Rock §§	Maximum	75	67	64	70	51	69	70	53	36	49	55	32	46	71	38	37	37	33	46	57	61	66	67	71	73	69	51	54	57	53	44	55.5
	Minimum	53	50	44	45	41	33	40	52	32	30	30	25	22	23	23	25	30	23	15	15	19	20	24	26	26	27	38	30	28	29	35	30.7
Camden §§	Maximum	78	78	77	79	61	66	74	81	43	42	49	49	52	72	46	43	46	43	51	57	58	68	69	72	74	71	47	63	63	63	55	61.0
	Minimum	48	62	64	64	55	50	50	64	42	36	36	40	27	31	43	38	35	31	21	22	23	23	27	31	31	34	42	30	29	31	43	38.8
Conway	Maximum	71	76	72	74	64	51	72	73	45	46	48	47	36	68	65	40	46	41	45	47	55	65	66	67	72	68	64	57	57	58	56	58.5
	Minimum	60	58	59	60	46	44	48	45	34	36	38	29	24	33	33	32	32	26	18	22	23	25	30	31	30	45	38	30	31	30	41	36.5
Corning	Maximum	70	64	57	70	62	49	68	68	42	46	47	46	34	47	46	44	43	37	44	51	50	60	65	66	70	63	61	50	52	53	53	54.1
	Minimum	56	44	43	46	38	29	42	40	29	30	28	24	18	30	25	25	30	17	14	19	21	25	29	28	29	35	38	29	26	40	39	31.2
Dardanelle	Maximum	63	70	70	75	68	68	78	70	64	43	44	53	40	50	55	44	45	42	42	48	58	66	65	64	66	73	68	68	55	55	53	58.8
	Minimum	40	55	56	55	47	47	42	38	35	35	34	30	34	36	27	32	31	28	22	26	26	29	33	32	34	32	36	33	35	35	33	35.7
Dodd City	Maximum	71	73	71	68	65	70	71	69	34	41	44	54	35	64	64	34	34	30	43	45	54	59	61	61	60	64	64	47	52	51	45	54.8
	Minimum	50	52	38	48	31	34	32	33	27	22	30	18	18	32	20	24	26	24	13	21	18	25	28	28	32	33	34	26	30	44	28	29.6
Dumas	Maximum	72	75	72	82	70	63	70	63	85	58	50	50	40	71	67	44	45	40	50	57	55	68	71	73	75	70	58	55	62	64	60	62.4
	Minimum	60	63	64	62	52	46	58	37	37	36	40	35	25	38	40	34	34	30	21	23	27	30	36	34	36	52	42	35	29	43	42	40.0
Dutton	Maximum	64	61	62	60	86	71	66	55	61	47	40	42	39	60	58	37	37	66	46	47	54	60	63	63	65	62	62	54	50	50	49	56.0
	Minimum	52	50	58	46	52	51	52	39	42	36	31	20	21	33	20	25	28	20	13	20	17	25	25	25	31	45	32	20	30	46	27	33.3
El Dorado	Maximum	75	76	77	76	78	61	71	73	80	49	53	51	49	59	73	48	45	45	38	49	56	57	68	70	72	75	71	45	60	64	64	62.2
	Minimum	62	62	65	60	55	53	53	61	45	36	37	37	29	32	47	38	36	33	23	23	25	30	33	37	38	41	43	35	32	34	43	41.2
England	Maximum	80	78	72	73	70	57	72	78	53	48	47	47	37	67	64	....	....	....	....	52	58	67	70	74	70	65	64	60	59	60	58	63.0
	Minimum	63	62	60	62	49	45	51	53	36	36	35	37	24	34	36	....	....	....	....	23	26	28	33	36	34	50	40	33	30	45	41	10.8
Eureka Springs	Maximum	71	72	65	66	58	49	73	67	31	53	53	45	44	63	40	39	35	38	53	50	53	65	66	70	70	72	53	59	58	58	50	56.1
	Minimum	53	51	43	55	31	34	49	29	25	27	34	17	19	39	18	26	28	20	19	29	26	33	37	52	47	51	33	25	37	47	26	34.2
Fayetteville	Maximum	68	70	71	67	60	62	76	75	46	43	50	46	40	63	56	39	38	39	46	47	53	63	64	65	69	70	62	62	56	58	52	57.3
	Minimum	55	46	44	51	35	39	51	31	28	27	32	18	22	36	20	29	28	23	19	30	23	28	34	27	36	54	33	25	42	50	26	33.6
Fort Smith	Maximum	65	72	62	71	58	49	77	69	40	39	54	41	39	67	42	39	38	40	44	51	57	63	67	66	67	75	53	56	60	55	48	55.6
	Minimum	57	57	54	52	45	42	48	38	32	32	33	28	28	37	27	34	33	30	25	31	29	32	35	38	36	48	39	31	37	48	34	37.7
Grannis	Maximum	71	70	70	70	70	70	75	71	70	38	43	47	41	64	61	61	46	44	47	53	58	63	68	66	70	70	73	64	61	56	55	60.9
	Minimum	57	60	61	62	49	45	50	49	36	31	33	32	25	34	34	34	33	28	21	26	30	30	33	43	36	36	37	34	33	46	43	38.7
Gravette	Maximum	68	70	68	66	59	52	73	69	31	43	58	51	40	62	48	40	39	36	47	48	45	59	64	65	71	70	68	55	59	58	52	55.9
	Minimum	45	45	38	59	32	40	50	30	27	27	30	17	20	35	19	27	24	22	16	23	13	23	24	30	30	41	34	20	32	48	25	30.5
Harrison	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope	Maximum	80	78	79	81	77	64	80	81	61	44	48	48	42	70	70	53	49	46	51	50	60	70	68	72	77	77	62	56	64	60	60	63.8
	Minimum	40	62	63	64	54	51	58	5	41	35	37	33	26	28	40	38	32	31	22	20	24	34	31	31	33	56	41	33	31	43	30	39.4
Hot Springs	Maximum	74	72	70	72	68	53	74	73	52	40	45	45	37	64	63	41	45	41	47	52	59	65	69	71	71	71	63	63	60	....	57	59.2
	Minimum	60	61	63	62	48	46	50	52	37	34	32	32	24	36	36	33	33	27	23	24	26	32	35	38	37	46	41	37	31	....	39	39.2
Huttig	Maximum	73	81	80	81	79	70	77	8	81	62	53	54	50	77	77	54	50	42	51	57	58	70	73	75	76	76	74	64	65	65	65	67.5
	Minimum	62	65	63	64	56	54	61	6	43	37	39	41	31	41	44	39	39	35	24	25	29	28	31	31	38	49	43	29	29	50	38	42.5
Jonesboro	Maximum	70	60	63	69	62	58	67	7	43	44	47	46	35	58	58	37	43	36	44	53	52	63	66	67	72	65	60	49	55	56	55	55.6
	Minimum	60	49	52	50	42	36	45	4	31	31	29	28	21	33	30	28	33	21	17	23	27	33	40	33	36	41	39	35	29	40	35	35.3
Junction	Maximum	76	77	79	80	52	81	77	5	60	46	49	44	46	76	70	45	47	44	50	54	58	60	61	63	65	74	71	61	64	67	60	63.0
	Minimum	58	62	64	63	64	60	58	59	46	35	33	31	30	42	37	40	38	34	24	24	25	28	33	35	36	44	48	28	29	43	40	41.3
Little Rock	Maximum	74	74	67	72	61	51	71	7	42	46	46	45	30	64	56	39	44	39	46	50	56	64	67	69	70	65	57	58	59	58	56	57.3
	Minimum	61	61	56	61	44	44	50	4	35	35	38	30	23	35	34	31	34	26	22	27	33	35	40	40	41	55	40	35	34	46	37	39.5
Lutherville	Maximum	65	65	65	68	64	52	74	7	40	41	49	47	40	65	61	42	40	38	43	38	50	63	64	62	67	68	64	57	51	50	50	55.4
	Minimum	56	57	53	54	43	41	44	3	33	31	29	26	24	32	26	30	32	25	20	29	28	33	40	42	42	49	38	30	34	44	33	36.7
Magnolia	Maximum	71	70	74	78	78	61	70	80	74	44	49	49	49	71	70	60	44	37	52	52	50	54	65	71	71	68	61	55	55	60	61	61.4
	Minimum	63	63	63	63	55	51	60	67	42	36	39	38	29	42	38	38	31	31	24	28	29	30	32	41	41	54	43	35	38	48	41	43.0
Malvern	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marianna	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mammoth Spring	Maximum	75	60	60	70	65	49	64	65	37	49	55	46	40	61	48	34	36	33	46	55	58	64	65	....	72	61	61	60	54	50	46	54.6
	Minimum	55	46	41	64	38	29	42	35	29	25	28	23	19	33	23	27	29	19	14	19	20	22	25	....	25	30	41	41	24	42	35	31.4
Marked Tree §§	Maximum	66	63	71	54	63	68	75	49	48	47	37	42	66	40	40	41	33	45	54	51	61	68	52	72	65	55	49	55	50	57	52	54.5
	Minimum	54	54	53	44	38	41	61	35	33	29	31	22	22	33	30	33	23	12	20	20	23	30	30	36	40	50	36	28	28	26	46	34.2
Marshall	Maximum	65	71	67	70	66	66	70	66	36	50	50	46	40	67	62	38	37	35	44	49	59	60	63	67	67	69	61	51	54	52	49	56.4
	Minimum	58	58	50	54	51	39	55	36	30	29	34	22	21	33	23	28	27	22	19	28	28	34	44	37	39	53	36	29	34	47	32	36.5
Mena	Maximum	67	68	69	68	61	54	69	66	43	40	43	44	44	59	57	46	45	41	44	51	59	61	65	69	72	72	59	60	60	60	55	57.1
	Minimum	57	61	63	61	47	44	39	33	38	29	32	29	24	37	32	33	33	27	21	24	27	32	40	43	37	58	36	32	31	40	37	38.0
Morrillton	Maximum	68	74	70	73	65	63	70	69	43	42	48	47	37	68	65	38	42	39	43	46	54	64	65	65	....	69	68	55	55	53	52	57.6
	Minimum	59	55	58	58	46	46	45	43	35	36	33	29	25	34	32	32	34	27	21	24	28	30	35	33	....	32	42	35	33	45	39	37.5
Mt. Home	Maximum	73	67	60	69	61	44	70	67	....	....	....	....	....	....	....	....	....	33	33	45	52	60	65	65	68	73	67	60	55	56	50	46	58.5
	Minimum	52	47	40	45	34	33	41	45	....	....	....	....	....	....	....	....	....	26	18	13	19	21	25	32	26	30	40	33	24	26	41	29	32.5
Mount Ida	Maximum	69	75	73	71	70	55	72	72	45	41	49	49	38	65	69	42	40	37	37	45	60	60	68	74	65	73	68	51	57	57	57	58.2
	Minimum	59	57	59	67	47	45	47	45	37	34	35	31	22	37	37	34	28	28	15	17	19	22	25	26	25	42	41	28	23	48	35	36.0
Nail	Maximum	62	65	63	61	59	54	63	60	30	45	44	40	39	59	59	55	33	30	41	48	54	58	59	62	60	59	54	54	49	45	47	52.0
	Minimum	52	53	52	51	49	34	43	30	25	25	24	16	17	24	19	29	20	18	20	26	26	38	39	40	39	39	31	26	31	41	26	32.
Newport	Maximum	71	72	62	70	63	53	67	70	47	43	46	46	40	63	62	36	45	41	40	50	52	60	65	65	70	62	60	55	55	56	54	56.2
	Minimum	62	58	55	45	44	36	45	45	33	33	34	29	23	36	30	29	34	23	18	21	26	28	34	34	40	46	39	34	28	42	41	36
Ozark	Maximum	60	59	62	64	66	65	78	66	46	40	55	45	38	66	58	54	48	41	45	55	57	58	60	64	70	73	66	55	55	52	52	57.
	Minimum	48	46	48	46	43	42	46	42	35	34	31	28	27	35	29	25	26	28	21	29	29	26	28	38	34	48	40	29	38	47	34	35.
Pine Bluff	Maximum	80	79	70	76	72	62	71	84	54	45	48	47	38	65	65	46	45	41	46	55	60	70	70	75	77	65	65	60	61	63	58	61.
	Minimum	63	62	64	64	52	55	54	52	37	35	33	33	25	35	38	35	35	28	22	24	29	27	42	38	35	52	40	34	30	43	44	40.
Pocahontas	Maximum	72	66	58	70	61	55	67	68	43	48	47	46	38	53	50	35	42	37	45	54	53	60	68	68	70	63	61	54	55	52	54	55.
	Minimum	56	46	45	49	40	33	42	42	31	29	29	26	20	32	26	26	32	20	16	20	24	27	30	30	31	38	40	31	26	42	40	32.
Portland	Maximum	74	84	84	84	80	74	83	85	83	64	54	54	48	80	79	49	49	42	44	53	48	60	70	74	76	74	70	55	51	64	64	66.
	Minimum	60	63	68	63	51	51	59	66	41	37	40	40	30	40	45	40	39	35	24	48	30	30	35	35	40	49	43	33	31	46	40	43.
Prescott	Maximum	80	75	73	79	75	60	79	80	66	44	47	48	43	69	68	45	46	44	49	53	59	67	70	72	75	75	70	65	63	60	59	63.
	Minimum	63	65	65	63	54	51	55	66	41	36	38	37	26	39	40	37	32	30	22	22	26	32	33	34	34	49	41	31	30	45	39	41.
Rison	Maximum	77	78	74	79	73	69	72	80	60	44	48	50	39	69	67	47	43	43	49	53	59	67	71	72	74	66	63	58	62	64	60	62.
	Minimum	60	61	63	63	51	47	52	55	35	34	32	32	25	35	37	32	33	26	20	22	21	29	39	37	37	52	39	32	31	45	43	39.
Rogers	Maximum	68	73	64	66	60	51	73	68	32	49	61	46	41	62	36	39	38	36	49	48	53	63	63	66	71	70	66	54	58	58	51	55.
	Minimum	52	48	40	51	33	38	50	30	26	27	33	18	21	38	20	20	29	22	15	23	20	23	27	27	29	50	34	24	29	50	27	31.
Snow Lake	Maximum	71	73	69	77	59	66	70	79	64	47	45	50	58	70	71	55	42	36	55	55	64	68	71	74	69	58	53	53	58	62	54	61.
	Minimum	59	61	62	51	46	51	64	40	36	39	37	25	37	38	37	36	29	22	23	28	37	32	34	45	45	37	27	27	38	49	34	39.
Stuttgart	Maximum	79	77	69	73	73	60	69	79	54	48	49	48	37	65	67	41	45	43	47	51	55	64	67	71	74	74	64	53	59	59	58	60.
	Minimum	61	62	60	61	49	45	54	54	36	35	33	32	24	36	37	34	32	26	19	23	27	30	36	43	35	42	42	35	30	39	43	39.
Subiaco	Maximum	70	69	68	75	63	50	78	78	46	43	59	50	43	70	63	40	43	42	50	64	67	64	69	67	69	75	63	61	59	55	60	60.
	Minimum	57	57	56	54	45	42	45	35	36	33	32	29	26	36	32	32	33	29	21	27	31	32	41	35	35	47	40	33	35	47	35	37.
Texarkana	Maximum	82	80	78	82	72	68	80	80	60	45	48	54	48	71	68	48	54	48	51	58	61	72	71	70	78	78	61	70	62	62	60	65.
	Minimum	63	67	65	65	59	53	61	67	45	38	37	41	28	42	43	40	36	35	23	26	26	29	35	48	50	60	42	38	41	54	40	45.
Warren	Maximum	74	76	73	78	69	64	69	81	72	43	48	49	43	70	67	44	44	40	50	53	59	68	71	74	76	72	62	62	63	63	62	62.
	Minimum	63	65	65	63	54	49	60	65	39	37	40	38	29	39	42	38	37	31	23	25	30	31	37	36	39	54	43	35	31	45	47	42.
Wynne	Maximum	72	75	69	71	69	64	67	74	48	43	47	46	43	66	66	39	43	41	46	54	55	63	68	69	72	64	62	51	58	58	51	58
	Minimum	63	59	57	59	45	40	55	48	34	34	38	31	23	37	35	31	36	24	18	22	25	29	37	42	38	52	40	37	31	44	42	38

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE—WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY G. COLE, Meteorologist

VOL. XXVII LITTLE ROCK, ARK., YEAR, 1922. NO. 13.

GENERAL SUMMARY.

Like the preceding year, 1921, the annual mean temperature for 1922 was above normal, all stations showing positive departures for the year, and all months except January and March were above normal. Only the years 1896, 1911, and 1921 were warmer than 1922. The mean temperature for the State was 62.7°, which is 1.7° above normal. The annual means ranged from 66.8° at Huttig and Texarkana to 58.0° at Dutton, the extremes from 111° at Hope on August 23d to 7° at Gravette on March 3d. The coldest weather of the year occurred at most stations during March. The average precipitation was 46.50 inches, which is 1.43 inches less than normal, the precipitation extremes ranging from 69.10 inches at Huttig to 32.02 inches at Morrilton. The lighter totals occurred in the northern counties and in the Arkansas Valley from Little Rock to Fort Smith, the heavier in the southern tier of counties. March, with an average precipitation of 8.58 inches, was the wettest month of the year; September, with 1.25 inches, was the driest. The greatest monthly total was 14.59 inches, measured at Marked Tree during March, the least, a trace, at Whitecliffs, during September. Of the stations reporting a measurable amount of snowfall, the average was about 4 inches, and amounts varied from 11.2 inches at Jonesboro to none at a number of southern stations.

January was a cold, dry month, one of the few Januarys of recent years with a temperature below normal. Unseasonably warm weather during February caused vegetation to advance and fruit buds to swell. Fortunately a cold snap, beginning February 28th with 1 to 3 inches of sleet covering the northern and central sections of the State, and freezing to the southern counties, halted development and most of the peach and apple crops escaped serious injury. March and April were above normal with regards precipitation and the lowlands of the State were flooded during April. Much corn and cotton had to be replanted and the strawberry crop was of poor quality due to the continued rains. May, while slightly below normal with regards precipitation, had a great many rainy days and the corresponding sunshine deficiency further delayed farming operations, June 1st finding all farm work badly behind. June was hot and dry, rather unfavorable for early corn, but favorable for cotton in that it halted boll weevil development and enabled farmers to clean their fields. The weather during July favored cotton growth, and cantaloupes, melons, and peaches were harvested under favorable conditions. August and September were unusually dry, and late corn was damaged considerably, especially in the uplands. The total precipitation for the crop season, March to September was 29.03 inches, which is practically normal, but the monthly amounts were very unevenly distributed being much heavier during the early spring than in the summer and fall. The temperature for this period averaged 1.2° above normal. Dry weather continued until near the middle of November and temperatures were above normal the remaining months of the year. In most sections of the State the last killing frost in spring occurred during the first decade of March, the first of Autumn from the 20th to the 26th of November, giving a growing season of approximately 257 days, fully 20 days longer than the average. There were 170 clear days during the year, 83 partly cloudy, 112 cloudy, and 87 with 0.01 inch or more precipitation. Sunshine averaged 6?% of the possible amount.

W. C. H.

WEATHER BY MONTHS.

January:— The month was marked by temperature and precipitation considerably below normal. During the past 17 years but four Januarys have been below normal with regards temperature and of these but two, January 1912 and January 1918, were colder than January 1922. The weather was favorable for farm work and more than the usual amount of plowing was done in the southern counties, but in the northern counties the ground was frozen most of the month. Although the monthly mean temperature was 1.8° below normal, no unusually low temperatures were recorded, 10° at Bentonville and Gravette being the lowest. At the close of the month wheat and oats were in good condition except in the northwestern counties where it was too dry. Fruit buds remained dormant.

February:— Unlike the preceding month, February was a month of unseasonably warm weather and precipitation in excess of the normal. With but three exceptions this was the warmest February on record and this is the 8th consecutive year during which the February mean has been above normal. While the temperature for the month as a whole was decidedly above normal there were frequent changes from temperatures above to temperatures below the seasonal average. The precipitation was confined principally to three periods, 1st to the 6th, 14th to the 15th, and from the 20th to the 28th, the heavier amounts occurring in the last period Dirt roads were bad the entire month, impassable in most sections the latter part of the month. All vegetation was advanced by the warm weather and fruit buds were beginning to swell at the close of the month, however a moderate cold wave, overspreading the State on the 28th, checked this development.

March:— March opened with temperatures 15° to 20° below the seasonal average and the temperature for the month as a whole was slightly below normal. Precipitation occurred during the cold snap the first of the month and by the evening of the 1st sleet and glaze covered a greater portion of the State stopping all outdoor work. This was the wettest month of the year and the monthly total, 8.58 inches, has been exceeded but twice during the past 31 years. The soil was too wet for plowing the entire month and only a small amount of corn and no cotton were planted, all farm work being badly behind. Wheat, oats, meadows, and pastures made excellent progress and were in good condition. Dirt roads continued impassable in most sections and the rivers were high at the close of the month.

April:— Temperature and precipitation were again above normal. While the average precipitation was only 0.72 inch above normal, the rain fell on wet soil and was so distributed that the soil was too wet the entire month. The lowlands of the lower Arkansas and White rivers were flooded, making farm work impossible, and at the close of the month some corn and a great deal of cotton were still unplanted. Hay crops, truck, and berries made excellent progress. High winds were reported throughout the State from the 8th to the 11th, doing considerable damage to timber and small buildings. A dust storm was reported at Grannis, Mena, and Waldron the afternoon of the 10th, dust being so thick that the sun was partially obscured.

May:— The month opened with temperatures somewhat below normal. Progress was made in planting cotton and corn in northern and western portions of the State but in the southern and eastern sections heavy rains interfered seriously with farm work. Temperatures were too low for cotton and it was decidedly

too wet for strawberries. Warmer weather set in the latter part of the first week and a week of temperatures considerably above normal followed. The month as a whole averaged 1.6° above normal and precipitation was 0.12 inch below normal, however most of the rain fell as local showers, the number of rainy days being above normal. The heavier precipitation totals occurred in the southern and southeastern counties, 12.69 inches being measured at Huttig, the lighter in the northern counties. Showers, falling on wet soil, delayed farming operations and grassy cotton fields were the rule at the close of the month in southern and eastern sections of the State. In the northern and northwestern counties dry weather was favorable and work advanced accordingly.

June:– Light to moderate showers were rather frequent the first 10 days of the month, the soil continuing wet, and grassy cotton fields the rule in central and southern portions, but after the 10th hot dry weather and abundant sunshine were more favorable and in most sections of the State fields were cleaned. For the State as a whole the monthly precipitation was nearly an inch and a half below normal, but the distribution was very irregular, the northern half showing large negative departures, some southern and southwestern counties positive. Temperatures were high from the 9th to the 25th, midday temperatures of 95° to 98° occurring in all sections with 100° to 104° in some localities. The close of the month found the agricultural situation satisfactory in the northern half of the State while in the southern counties boll weevil were active and cotton conditions were not satisfactory. Rice, potatoes, truck, melons, and the peach crop were promising.

July:– Temperature and precipitation were slightly above the 30 year average but no record breaking extremes occurred. The temperature excess was greatest in the northwestern and northeastern counties while in other sections of the State both positive and negative departures occurred. The first eight days were cool, temperatures being below normal throughout the State, but thereafter temperatures were normal or above. Precipitation was below normal in the northern border counties and the Arkansas Valley, above in other sections. The weather was generally favorable for the growth of cotton, and as a rule fields were well cultivated. Hot dry weather held boll weevil in check somewhat and at the close of the month plants were fruiting satisfactorily. It was too dry for cotton in western and northern counties. Large crops of melons, cantaloupes, and peaches were harvested under favorable weather conditions.

August:– The outstanding characteristic of the weather during August was the deficiency in precipitation. The average for the State, 1.90 inches, is with but two exceptions, 1909 and 1913, the least on record. Temperatures were above normal over the greater portion of the State, the stations along the upper Arkansas recording the highest monthly means. The weather was generally unfavorable for growing crops being too dry except in a few favored localities. Despite the hot dry weather boll weevil activities continued, the damage being serious throughout most cotton growing sections of the State. Late corn was injured, especially in the uplands, and at the close of the month all crops needed rain badly.

September:– The warm dry weather of August continu through most of September. Sunshine averaged 82% of the po sible amount and the number of rainy days was only half of t normal. This was the driest September experienced since 18 and only three times during the past 31 years has so little ra fallen during the month. Unseasonably warm weather prevail from the 1st to 10th and from the 13th to the close of the mont On the 11th and 12th temperatures were somewhat belo normal, Dutton reporting light frost with a temperature of 37 A few light showers fell during the first 20 days of the mont but amounts were too light and it was too late for crops to benefited materially. Late corn, pastures, potatoes, and hay crops were damaged. At the close of the month cotton w open in most sections of the State and picking was progressi rapidly. Roads were good throughout the month and all rive were low.

October:– October was the 7th consecutive month of 19 with a temperature above normal and during this time the pr cipitation deficiency was over six inches. The dry fall was fa orable for harvesting and for most outside work, but fall plo ing was delayed, ranges were in poor condition, and in so sections stock water was scarce. The rivers of the State show lower stages than during September, the Arkansas at Litt Rock being below zero the entire month and conditions at Ca ico Rock and Georgetown on the White and at Dam No. 1 the Little Red were practically the same.

November:– November was unmarked so far as unusual weath is concerned. The precipitation was slightly above normal, t temperature 1.4° above. Killing frost occurred in most sectio from the 21st to the 26th, but did little damage as practica all growing crops were matured. The situation with regards s moisture improved and at the close of the month the soil w in excellent condition for fall plowing. Harvesting of crops w practically completed under favorable weather conditions, t rains from the 12th to the 18th interfering but little. Whea oats, meadows, and pastures were in good condition but the acreage of wheat was reduced due to the dry weather earlier the fall.

December:– The temperature for December averaged 5.7° bove normal, this being the warmest December in the Clima ological History of Arkansas and was the 9th consecutive mon of 1922 with a positive temperature departure. The month o ened with temperatures 15° to 20° above normal and unseaso ably warm weather continued the first eight days. From t 9th to the 20th temperatures were near or somewhat belo normal, from the 20th to the close of the month above. Ra occurred in all sections during the first week and showers we frequent to the 17th. From the 18th to the 25th practically rain fell, but after the 25th showers were frequent. The rainfa and mild temperatures were very favorable for wheat, oat meadows, pastures, and truck, all of which made excelle progress.

Climatological Data for Year, 1922.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit.								Precipitation, inches.						Number of days.				Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.		Lowest.	Date.		Length of record, years.	Total for year.	Greatest monthly amount.	Month.	Least monthly amount.	Month.	Total snowfall, unmelted.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
Amity	Clark	250	29	.....	104	July	31	17	Mar.	4	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s.
Arkadelphia	Clark	160	.....	.....	.....	.....	.....	.....	.....	.....	26	46.29	10.15	Mar.	1.11	Oct.	0	75	153	0	212	n.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	.....	.....	38	61.31	10.33	May	1.22	Aug.	0.5	109	159[a]	74[a]	131[a]	n.
Arlberg	Stone	700	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Batesville	Independence	277	23	.....	103	Aug.	24	15	Feb.	2	23	40.20	7.24	Mar.	0.53	June	6.5	97	198	18	149	se.
Bee Branch	Van Buren	.....	30	61.4	106	Sept.	6†	15	Feb.	16†	30	43.01	5.85	Dec.	1.75	Oct.	5.0	91	124	122	119	sw.
Bentonville	Benton	1303	16	59.1	102	Aug.	24	10	Jan.	19	16	35.94	6.75	Nov.	0.78	Aug.	6.1	91	170	83	112	s.
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	.....	.....	20	46.80	8.90	Mar.	0.34	June	2.8	105	199	18	148	.....
Booneville	Logan	600	8	64.2	105	July	22	18	Mar.	2	8	34.06	5.11	May	1.01	Sept.	5.4	97	193	79	93	s.
Brinkley	Monroe	205	40	64.2	102	Sept.	6	18	Dec.	19	40	52.93	12.99	Mar.	1.37	Oct.	T.	78	192	75	98	s.
Calico Rock	Izard	361	18	60.6	106	Aug.	24	15	Feb.	16†	18	38.42	8.43	Mar.	0.97	June	4.0	87	138	127	100	w.
Camden	Ouachita	158	36	63.4	100	Sept.	7†	21	Dec.	19	36	51.49	10.19	Mar.	0.74	Oct.	0.2	103	140	73	152	ne.
Clarendon	Monroe	200	18	.....	.....	.....	.....	.....	.....	.....	18	43.79	12.98	Mar.	0.78	Aug.	T.	105	123	64	178	ne.
Clinton	Van Buren	516	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	5.0	.....	.....	.....	.....	s.
Conway	Franklin	309	38	63.1	104	Aug.	24†	18	Dec.	19	38	41.57	9.05	Mar.	0.35	Aug.	6.5	80	185	112	68	s.
Corning	Clay	293	22	59.9	102	Sept.	6	11	Jan.	28	29	39.82	8.67	Mar.	0.62	Oct.	5.0	96	186	84	95	s.
Dam No. 1††	White	190	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danville	Yell	337	.....	.....	.....	.....	.....	.....	.....	.....	7	34.10	6.22	Mar.	0.15	Sept.	7.1	75	204	10	151	w.
Dardanelle	Yell	330	36	.....	106	Aug.	25†	.....	.....	.....	36	38.21	6.83	Mar.	0.82	Sept.	.....	66	207	5	153	e.
Dodd City	Marion	1175	40	58.5	99	Sept.	5	11	Feb.	16	40	38.56	6.95	July	0.32	Sept.	3.7	75	149[c]	141[c]	72[c]	nw.
Dumas	Desha	162	15	64.1	101	Sept.	4†	21	Dec.	19	18	61.91	12.19	Mar.	1.15	Oct.	1.0	120	74	197	94	.....
Dutton	Madison	1590	20	58.0	103	June	24	11	Feb.	16	20	46.86	7.89	Apr.	0.65	Sept.	5.8	87	166	117	78	s.
El Dorado	Union	270	18	65.5	102	Sept.	5	23	Mar.	3†	18	65.22	9.12	Apr.	0.83	Oct.	T.	101	124[k]	83[k]	147[k]	n.
England	Lonoke	229	15	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eureka Springs	Carroll	1465	20	60.7	102	Aug.	24†	11	Jan.	19	20	40.31	5.83	July	1.05	Oct.	3.0	75	151	147	67	sw.
Fayetteville	Washington	1451	36	60.1	101	Aug.	24†	13	Jan.	19†	36	35.65	6.67	Nov.	0.69	Oct.	1.5	70	196[d]	86[d]	79[d]	ne.
Fort Smith	Sebastian	481	40	63.4	103	Aug.	22	18	Jan.	19	40	33.12	5.28	Nov.	0.48	Sept.	1.9	96	129	105	131	e.
Fulton	Hempstead	264	.....	.....	.....	.....	.....	.....	.....	.....	36	48.33	9.04	Mar.	0.21	Sept.	0	78	158	57	150	e.
Georgetown	White	200	.....	.....	.....	.....	.....	.....	.....	.....	9	46.60	13.01	Mar.	1.13	Sept.	0.9	84	208	59	98	e.
Grannis	Polk	900	4	62.2	99	July	31	18	Mar.	2	4	51.47	7.93	Mar.	0.82	Oct.	0.5	129	137	89	89	s.
Gravette	Benton	1250	24	59.0	101	Aug.	22	7	Mar.	3	24	38.27	744	Nov.	0.74	Oct.	6.0	82	159	86	118	sw.
Hardy	Sharp	643	25	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrison	Boone	1100	24	.....	.....	.....	.....	.....	.....	.....	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Heber Springs	Cleburne	485	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helena	Phillips	182	.....	.....	.....	.....	.....	.....	.....	.....	51	50.23	9.54	Mar.	0.84	Aug.	0.2	106	185	35	145	.....
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	.....	.....	4	40.42	7.97	Mar.	0.30	Sept.	3.5	83	212[a]	100[a]	52[a]	sw.
Hope	Hempstead	377	50	65.7	111	Aug.	23	20	Dec.	20	50	46.06	9.26	Apr.	1.37	Nov.	0.5	87	193[l]	59[l]	104[l]	s.
Hot Springs	Garland	600	29	.....	99	Aug.	24†	20	Mar.	4	31	.....	.....	.....	.....	.....	0.8	.....	.....	.....	.....	s.
Huttig	Union	.....	15	66.8	101	Aug.	1	23	Feb.	7†	15	69.10	12.69	May	0.30	Oct.	T.	81	173[e]	73[e]	114[e]	se.
Jonesboro	Craighead	345	27	62.2	102	June	15†	17	Dec.	19	27	52.92	11.36	Mar.	0.34	June	11.2	105	186	87	92	s.
Junction ††	Union	182	29	.....	103	Aug.	23	24	Feb.	7†	29	.....	.....	.....	.....	.....	T.	.....	.....	.....	.....	n.
Lincoln	Washington	1500	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Little Rock	Pulaski	286	43	63.6	100	Sept.	6	21	Mar.	2	43	35.02	8.30	Mar.	0.77	Oct.	0.1	98	135	100	130	s.
Lutherville ††	John son	775	25	62.5	100	July	22†	17	Mar.	2	25	42.59	7.02	Dec.	0.60	Sept.	3.0	82	180	96	89	e.
Magnolia	Columbia	315	4	.....	100	Aug.	20†	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s.
Malvern	Hot Springs	277	39	.....	.....	.....	.....	.....	.....	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mammoth Spring	Fulton	512	17	.....	.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marianna	Lee	235	13	.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marked Tree	Poinsett	229	.....	61.5	99	June	27†	12	Dec.	18	17	59.57	14.59	Mar.	0.82	June	0.5	88	181	96	88	sw.
Marshall	Searcy	1083	7	61.6	99	Aug.	24†	16	Feb.	16	7	46.57	8.30	July	0.32	June	6.8	90	140	167	58	sw.
Mena	Polk	1208	34	62.5	104	July	26	17	Mar.	2	34	47.04	7.65	May	0.62	Sept.	1.9	115	135	100	100	s.
Morrillton	Conway	347	2	63.1	101	Aug.	24	21	Jan.	14†	2	32.02	7.93	Mar.	0.33	Aug.	5.5	76	136[d]	156[d]	69[d]	se.
Mountain Home	Baxter	800	8	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mount Ida	Montgomery	730	24	61.6	103	Aug.	25	14	Mar.	4	24	44.95	7.82	May	0.65	Sept.	4.0	78	167	68	130	sw.
Murfreesboro	Pike	367	.....	.....	.....	.....	.....	.....	.....	.....	6	46.84	9.70	Mar.	0.23	Sept.	0	66	125	73	167	e.
Nail	Newton	2233	39	58.1	99	Aug.	24	11	Mar.	2	29	47.27	7.40	July	0.60	Sept.	3.0	82	161[e]	96[e]	105[e]	s.
Newport	Jackson	231	38	63.1	103	Sept.	6	18	Dec.	19	38	44.94	9.25	Mar.	0.71	June	6.0	87	145	124	96	s.
Okay	Pope	1700	6	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Osceola	Mississippi	240	22	.....	.....	.....	.....	.....	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ozark	Franklin	450	26	63.6	104	Aug.	20†	21	Feb.	16†	26	36.47	6.63	Apr.	0.40	Sept.	6.5	.....	151[l]	79[l]	128[l]	sw.
Patterson	Woodruff	196	.....	.....	.....	.....	.....	.....	.....	.....	6	43.87	10.79	Mar.	0.33	Aug.	2.5	65	215	0	150	n.
Pindall	Searcy	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pine Bluff	Jefferson	215	38	65.0	103	Sept.	6	21	Mar.	3	38	46.91	13.53	Mar.	0.38	Sept.	T.	110	186	45	133	s.
Pocahontas	Randolph	309	30	.....	102	Sept.	6†	15	Jan.	24	30	45.43	8.22	Mar.	0.68	Oct.	6.0	87	146	111	108	s.
Portland	Ashly	122	16	66.1	100	July	28†	24	Dec.	19	16	62.57	10.54	May	0.25	Oct.	0	98	171	120	74	s.
Prescott	Nevada	327	40	64.9	101	Sept.	5	21	Mar.	4	40	45.35	9.86	Mar.	1.11	Oct.	T.	103	191	79	95	s.
Princeton	Dallas	287	.....	.....	.....	.....	.....	.....	.....	.....	15	50.07	11.53	Mar.	0.90	Aug.	0	65	232	15	118	.....
Rison	Cleveland	243	18	64.7	104	Sept.	6	19	Jan.	2	22	54.02	13.83	Mar.	1.10	Oct.	T.	72	118[l]	152[d]	71[d]	sw.
Rogers	Benton	1385	31	59.4	104	Aug.	24	3	Feb.	16	31	37.67	6.46	Dec.	0.66	Oct.	3.4	77	170	77	118	s.
Searcy	White	236	10	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Snow Lake	Arkansas	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springbank ††	Miller	240	.....	.....	.....	.....	.....	.....	.....	.....	10	61.06	12.81	Apr	0.81	Oct.	T.	89	189	43	133	.....
Stuttgart	Arkansas	228	34	63.9	102	Sept.	4†	19	Dec.	19	34	42.49	11.38	Mar.	0.70	Sept.	0	98	158	127	80	sw.
Subiaco	Logan	1050	25	64.5	106	July	31	19	Mar.	2	25	36.94	6.10	Dec	0.51	Sept.	3.4	81	184[a]	99[a]	81[a]	s.
Texarkana	Miller	332	40	66.8	103	July	31	23	Mar.	3†	40	49.03	10.34	Apr.	0.86	Nov.	T.	88	179	62	124	n.
Umphers ††	Yell	2000	4	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Valdron	Scott	675	.....	.....	.....	.....	.....	.....	.....	.....	4	43.15	6.66	Apr.	0.47	Sept.	6.9	.....	111	92	162	se.
Warren	Bradley	206	27	65.2	101	Sept.	6	21	Jan.	2	27	54.64	9.79	Mar.	0.92	Oct.	0.3	.....	167	113	85	n
Whitecliffs	Little River	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	51.49	12.25	Apr.	T.	Sept	T.	51	169	52	144	sw.
Wynne	Cross	250	14	63.5	103	Sept.	6†	18	Dec.	19	14	45.86	11.75	Mar.	0.21	Aug.	T.	81	226	17	122	n.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. †† Received too late to be included in means and summaries. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † also on other dates. ‡‡ Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R. F. D. No. 2, Lamar, Ark. Springbank, Doddridge, Ark.; Umphers, Rover, Ark. Dam No. 1, Judsonia, Ark

Correction, November, 1922. Eureka Springs, greatest 24 hour precipitation should be 1.11 on 17th

Monthly and Annual Mean Temperatures for the Year 1922, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Amity	39.9	− 3.4	47.4	+ 4.6	51.0	− 3.3	63.0	+ 0.9	71.1	+ 1.3	77.3	+ 0.5	80.4	+ 0.1	80.1	+ 0.1	74.5	+ 0.4	61.5	− 1.2	.....	.....	.....	.....	.....	.....
Batesville	35.8	− 2.9	40.8	+ 0.7	.....	.....	60.9	+ 0.5	61.9	+ 1.3	78.0	+ 2.1	79.3	− 0.5	78.8	− 0.8	73.2	+ 0.8	60.4	− 1.1	50.0	− 0.4	43.1	+ 2.8	.....	.....
Bee Branch	37.2	− 4.1	45.7	+ 4.3	49.6	− 2.5	62.8	+ 1.9	70.6	+ 2.2	79.7	+ 3.4	80.2	+ 0.3	79.6	+ 0.4	76.3	+ 2.1	62.9	+ 0.7	49.4	− 2.2	43.4	+ 1.0	61.4	+ 0.6
Bentonville	34.8	+ 0.7	42.0	+ 3.5	47.4	+ 0.1	59.9	+ 3.0	67.8	+ 1.4	75.2	+ 1.1	77.4	− 1.1	78.6	+ 2.1	72.6	+ 3.7	60.4	+ 2.4	50.2	+ 3.5	43.0	+ 5.5	59.1	+ 2.2
Booneville	39.9	.....	49.6	.....	52.1	.....	64.4	....	71.7	.....	80.6	.....	82.5	.....	83.6	.....	79.2	.....	66.0	.....	54.7	.....	46.6	.....	64.2	.....
Brinkley	40.2	− 2.0	49.4	+ 7.1	53.3	+ 0.3	65.5	+ 3.8	72.2	+ 2.4	80.4	+ 2.9	81.2	+ 1.0	80.6	+ 0.8	77.4	+ 3.3	65.1	+ 3.1	54.8	+ 3.2	49.8	+ 6.5	64.2	+ 2.7
Calico Rock	36.3	.....	43.2	.....	48.6	.....	61.6	.....	69.8	....	78.8	.....	79.8	.....	80.4	.....	75.0	.....	61.0	.....	49.4	.....	43.1	.....	60.6	.....
Camden	41.4	− 3.7	50.6	+ 4.0	52.6	− 3.1	64.6	+ 1.0	72.5	+ 1.3	78.6	+ 0.5	80.0	− 1.0	79.8	− 0.5	75.6	+ 0.5	62.4	− 1.2	53.0	− 0.4	49.9	+ 4.5	63.4	+ 0.1
Conway	39.6	− 1.0	49.0	+ 7.5	51.8	− 0.8	61.0	+ 2.0	71.6	+ 2.1	78.7	+ 1.6	80.5	− 0.2	81.2	+ 1.4	76.8	+ 3.0	63.7	+ 2.5	52.7	+ 2.1	47.5	+ 5.3	63.1	+ 2.1
Corning	34.4	− 2.7	42.8	+ 5.8	49.0	− 1.2	60.1	+ 0.7	69.4	+ 1.0	78.2	+ 2.9	79.2	+ 0.4	78.0	− 0.1	72.9	+ 0.8	61.2	+ 2.1	50.9	+ 0.1	42.6	+ 1.6	59.9	+ 0.9
Dardanelle	39.6	− 0.3	.....	.....	52.4	+ 0.3	65.6	+ 4.7	71.3	+ 1.8	80.2	+ 3.1	82.2	+ 1.3	82.2	+ 2.7	78.5	+ 4.2	64.8	+ 2.3	52.7	+ 0.7	46.8	+ 6.8	.....	.....
Dodd City	33.0[c]	− 3.1	41.4	+ 3.1	46.6	− 2.5	61.0	+ 1.2	67.3	0.0	74.8	− 0.8	76.8	− 2.5	77.0	− 0.8	73.2	+ 1.5	60.0	+ 0.1	49.2	+ 0.9	42.2	+ 3.3	58.5	0.0
Dumas	41.7	− 1.6	51.2	+ 6.3	53.4	− 3.6	64.4	+ 3.1	71.4	0.0	78.8	+ 0.8	81.4	+ 0.2	80.6	− 0.2	76.4	+ 1.8	63.9	− 1.3	54.7	+ 1.3	51.2	+ 5.6	64.1	+ 1.0
Dutton	35.2	− 1.4	42.9	+ 6.1	46.4	− 1.3	58.4	+ 2.3	64.4[c]	+ 0.1	75.5	+ 4.1	77.3	+ 2.2	75.7	+ 0.8	70.3	+ 1.9	57.2	− 1.6	48.3	+ 0.3	44.6	+ 7.2	58.0	+ 1.7
El Dorado	43.9	− 2.5	54.5[b]	+ 8.4	53.4[b]	− 2.5	66.8	+ 3.3	72.8	+ 1.9	79.9	+ 1.0	81.6	+ 0.3	82.0	+ 1.1	78.2	+ 1.6	65.8	+ 1.2	55.6	+ 0.5	51.7	+ 6.3	65.5	+ 1.7
England	41.0	− 3.8	50.2	+ 5.2	53.2	− 1.4	.....	.....	.....	.....	.....	.....	.....	.....	80.8	+ 0.8	77.0	+ 0.1	66.0[c]	+ 3.7	54.8	+ 1.0	51.9[a]	+ 9.6	.....	.....
Eureka Springs	36.6	− 1.7	43.5	+ 4.5	49.0	− 1.4	61.0	+ 2.5	67.7	+ 0.8	76.3	+ 2.6	78.4	+ 0.6	79.5	+ 1.8	75.6	+ 3.7	64.4	+ 4.6	51.7	+ 0.8	45.2	+ 6.6	60.7	+2.1
Fayetteville	36.4	− 0.9	44.3	+ 7.3	48.6	− 0.6	60.0[c]	+ 1.3	67.1	+ 0.5	74.8	+ 0.7	77.9	+ 0.2	79.0	+ 1.8	73.9	+ 1.6	62.5	+ 2.0	50.8	+ 1.0	45.4	+ 6.0	60.1	+ 1.8
Fort Smith	39.0	+ 0.7	47.2	+ 5.4	51.6	+ 0.3	63.6	+ 1.9	71.4	+ 1.7	79.6	+ 2.8	82.6	+ 1.6	83.0	+ 3.6	78.0	+ 5.3	64.3	+ 2.6	53.4	+ 3.5	46.6	+ 4.9	63.4	+ 2.9
Grannis	39.9	.....	49.0	.....	51.8	.....	62.6	.....	69.7	.....	76.1	.....	78.4[d]	.....	78.7	.....	74.9	.....	62.3	.....	53.7	.....	49.8	.....	62.2	.....
Gravette	34.8	− 2.4	42.4	+ 5.7	47.6	− 1.8	60.4	+ 3.6	66.2	+ 0.6	74.2	+ 0.8	77.6	+ 0.4	78.0	+ 0.8	73.3	+ 2.4	60.2	+ 0.8	49.8[a]	+ 0.4	43.2	+ 6.0	59.0	+ 1.5
Hardy	36.0[b]	− 2.6	45.2[d]	+ 6.8	50.3[c]	+ 0.7	62.8	+ 3.8	70.1	+ 2.8	77.8[d]	+ 2.7	79.6	+ 0.5	79.4[a]	+ 1.0	74.8[e]	+ 2.3	61.6[b]	+ 0.6	.....	.....	.....	.....	.....	.....
Harrison	35.9[g]	− 0.6	43.4	+ 7.6	50.0	+ 2.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.8	− 1.3	46.4	− 2.4	.....	.....	.....	.....
Hope	42.2	− 1.9	53.4[b]	+ 6.2	55.2	0.0	66.6	+ 2.9	74.2	+ 3.0	81.0[b]	+ 3.4	82.6	+ 2.3	82.6[a]	+ 3.1	78.1[b]	+ 4.0	65.9	+ 3.0	55.0	+ 1.6	51.6	+ 5.0	65.7	+ 2.7
Hot Springs	41.2	− 2.0	50.0	+ 3.9	52.2	− 1.0	64.8	+ 1.8	71.2	+ 1.6	79.3	+ 2.2	80.0	− 1.1	80.2	+ 0.7	76.4	+ 1.4	.....	.....	.....	.....	49.2[a]	+ 4.8	.....	.....
Huttig	45.6	− 3.2	56.7	+ 7.2	56.6	− 0.5	68.2	+ 2.9	74.8	+ 3.2	78.4	− 0.7	82.1	+ 0.3	81.8	+ 1.0	78.0	+ 1.5	65.6	+ 1.0	59.0[e]	+ 3.9	55.0	+ 8.9	66.8	+ 2.1
Jonesboro	37.6	− 3.4	45.4	+ 5.0	51.8	− 0.6	63.6	+ 2.4	75.0	+ 5.0	81.1	− 0.1	75.4	+ 1.2	63.0	+ 0.4	53.3	+ 1.8	45.4	+ 5.0	62.6	+ 1.7	.....	.....	.....	.....
Junction	45.8	− 0.2	54.8	+ 8.9	55.6	− 1.2	68.0	+ 4.5	74.1	+ 2.5	80.0	+ 1.4	80.8	− 0.4	82.1	+ 1.7	77.2	+ 1.7	.....	.....	55.5	+ 1.5	52.1	+ 6.6	.....	.....
Little Rock	39.8	− 1.6	48.2	+ 3.3	52.4	− 0.6	64.2	+ 2.1	71.5	+ 1.2	79.4	+ 2.0	80.6	− 0.3	81.5	+ 1.7	77.7	+ 3.6	65.2	+ 1.6	54.2	+ 2.1	48.4	+ 4.2	63.6	+ 1.6
Lutherville	39.8	− 0.7	46.6	+ 6.1	51.0	− 0.8	62.6	+ 3.3	69.7	+ 2.0	78.0	+ 2.8	80.4	+ 1.2	81.2	+ 2.7	78.2	+ 4.7	64.8	+ 3.6	52.2	+ 1.0	46.0	+ 5.4	62.5	+ 2.6
Magnolia	.....	.....	53.2	.....	54.8[b]	.....	66.0	.....	.....	.....	79.4	.....	81.0[a]	.....	81.7	.....	76.8	.....	65.2	.....	53.4	.....	57.2	.....	.....	.....
Malvern	40.8	− 2.3	51.2	+ 7.2	56.1	+ 2.5	.....	.....	74.2	+ 4.8	80.2	+ 2.8	81.6	0.0	82.5	+ 2.9	78.6	+ 4.2	61.0	+ 1.3	.....	.....	.....	.....	.....	.....
Mammoth Spring	34.8	− 2.4	43.2	+ 5.5	49.6	− 0.2	62.0	+ 3.9	68.4	+ 2.7	75.8	+ 1.9	77.8	0.0	77.5	+ 0.4	72.5[e]	+ 0.8	52.4[e]	+ 3.9	.....	.....	43.0[a]	+ 5.0	.....	.....
Marianna	39.4	− 0.9	48.5	+ 6.0	52.2	− 1.8	64.1	+ 2.5	70.2	− 0.6	78.2	− 0.6	78.2	− 2.9	76.8	− 3.9	.....	.....	.....	.....	53.9	+ 2.2	.....	.....	.....	.....
Marked Tree	37.4	.....	43.6	.....	51.6	.....	64.8	.....	72.2	.....	79.6	.....	79.2	.....	78.0	.....	74.4	.....	61.6	.....	51.5	.....	44.4	.....	61.5	.....
Marshall	37.7	.....	44.4	.....	50.2	.....	62.6	.....	69.4	.....	77.7	.....	79.5	.....	78.7	.....	76.2	.....	63.2	.....	52.6	.....	46.4	.....	61.6	.....
Mena	39.2	− 2.6	49.0	+ 5.8	51.4	− 0.9	62.8	+ 0.9	70.4	+ 1.1	76.3	+ 0.4	80.6	+ 0.4	79.6	+ 0.4	76.4	+ 2.6	63.8	+ 1.4	53.2	+ 0.7	47.6	+ 5.0	62.5	+ 1.2
Morrillton	39.3[b]	.....	48.4	.....	51.6	.....	64.2	.....	71.2	.....	79.4	.....	81.3	.....	81.6	.....	76.2	.....	63.8	.....	53.0[a]	.....	47.2[a]	.....	63.1	.....
Mountain Home	35.0	.....	42.2	.....	48.8	.....	60.6	.....	68.6	.....	.....	.....	.....	.....	78.8	.....	74.3	.....	62.2	.....	49.8	.....	45.2[b]	.....	.....	.....
Mount Ida	39.6	.....	48.4	.....	51.3	.....	63.0	.....	70.2	.....	76.8	.....	79.9	.....	79.4	.....	74.4	.....	58.8	.....	50.4	.....	47.1	.....	61.6	.....
Nail	33.2	− 3.4	40.0	+ 4.2	45.2	− 3.7	57.5	+ 1.0	65.8[b]	+ 1.3	76.2	+ 4.6	77.0	+ 1.7	77.0[a]	+ 0.4	74.0	+ 3.9	59.6	+ 0.6	49.4	+ 1.1	42.0	+ 4.8	58.1	+ 1.4
Newport	37.8	− 1.4	46.2	+ 5.8	52.2	+ 0.8	64 5	+ 2.8	72.2	+ 2.1	81.0	+ 3.4	81.0	− 0.1	81.4	+ 1.8	77.0	+ 3.3	64.5	+ 3.6	53.4	+ 2.7	46.2	+ 4.9	63.1	+ 2.5
Okay	36.6[i]	.....	44.1	.....	48.2[a]	.....	59.8	.....	.....	.....	.....	.....	78.0	.....	78.2	− 0.2	77.2	+ 5.2	62.6[e]	+ 2.1	.....	.....	.....	.....	.....	.....
Osceola	44.5	− 5.1	51.3	+ 9.3	53.2	+ 2.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	+ 2.6	78.2	− 1.7	62.3[a]	+ 1.2	54.0	+ 1.4	46.4	+ 4.2	63.6	+ 1.6
Ozark	40.1	− 1.0	49.6[e]	+ 8.4	53.3[b]	− 0.6	62.8	+ 0.3	71.2	+ 1.1	78.6	+ 0.7	83.1	+ 1.6	81.2	+ 0.3	78 1[a]	+ 2.1	64.1[b]	+ 1.2	55.3	+ 2.3	51.2	+ 6.5	65.0	+ 2.1
Pine Bluff	41.2	− 2.2	51.5	+ 6.7	54.1	0.0	66.5	+ 3.5	72.8	+ 1.5	82.2	+ 3.4	81.8	− 0.2	81.5	+ 3.0	84.2	+ 7.3	.....	.....	54.2[b]	+ 4.3	44 1	+ 4.7	.....	.....
Pocahontas	36.0	− 2.6	44.6	+ 6.6	50.7	− 0.3	63.1	+ 3.2	70.8	+ 1.7	82.5	+ 6.5	82.2	+ 2.3	82.1	+ 0.6	78.0	+ 1.9	63.8	+ 0.4	57.2	+ 3.3	51.8	+ 7.8	66.1	+ 2.2
Portland	44.8	− 3.6	53.4	+ 6.4	56.4	− 0.3	68.0	+ 4.4	73.5	+ 2.6	80.3	+ 0.3	80.7	− 1.1	81.3	+ 0.2	77.5	+ 1.6	65.4	+ 1.4	55.8	+ 1.9	52.2	+ 8.4	64.9	+ 1.8
Prescott	42.6	− 1.7	51.9	+ 6.8	54.0	− 0.9	65.6	+ 2.8	72.8	+ 1.9	78.8	+ 1.6	77.6	+ 2.4	64.6[a]	+ 1.8	55.8	+ 3.0	50.8	+ 6.3	64.7	+ 2.4	.....	.....	.....	.....
Rison	41.5[a]	− 2.0	51.7	+ 8.5	54.2	− 0.2	66.0	+ 3.3	72.2[a]	+ 1.5	79.6[a]	+ 2.2	81.1	+ 0.8	81.8	+ 0.4	77.6	+ 2.4	64.6[a]	+ 1.8	55.8	+ 3.0	50.8	+ 6.3	64.7	+ 2.4
Rogers	36.4	− 0.4	43.1	+ 5.5	48.8	+ 0.3	59.9	+ 1.7	67.2	+ 1.1	75.0	+ 1.8	77.8	+ 1.0	78 2	+ 0.9	72.3	+ 1.1	60.0	− 0.6	50.1	+ 0.7	43.6	+ 5.2	59.4	+ 1.7
Searcy	39.8	.....	47.2[a]	.....	52.3	....	64.4[b]	.....	70.9	.....	79.0	.....	79 7	.....	81.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Snow Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62.6	.....	52.6	.....	50.2	.....	.....	.....
Stuttgart	40.6	− 2.4	49.6	+ 6.0	53.2	+ 0.1	64.6	+ 2.3	71.2	+ 1.4	79.3	+ 1.9	81.0	+ 0.3	81.8	+ 2.0	77.4	+ 3.3	61.5	+ 2.4	51.0	+ 2.1	49 8	+ 6.0	63.9	+ 2.1
Subiaco	39.6	− 2.1	48.2	+ 7.0	52.4	− 0.5	64.6	+ 3.7	71.5	+ 1.7	80.6	+ 3.5	83.2[a]	+ 2.3	84.0	+ 2.9	79.2	+ 4.1	65.3	+ 1.9	55.2	+ 2.8	49.9	+ 8.2	61.5	+ 3.0
Texarkana	44.7	− 1.9	54.4	+ 7.2	56.7	+ 0.7	67.0	+ 3.1	77.0	+ 5.5	81.0	+ 2.0	82.6	+ 0.3	82.8	+ 0.8	79 0	+ 2.2	67.0	+ 1.5	51.6	− 0.7	55.2	+ 8.6	66 8	+ 2.4
Umphers	38.8	.....	18.2	.....	.....	.....	63.1[c]	.....	68.4[j]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren	43.0	− 1.8	52.4	+ 7.6	55.8[a]	+ 0.5	66.5	+ 3.7	72.5	+ 1.5	78.8	+ 0.3	80.9[a]	− 0.9	81.2	0.0	77.6	+ 1.2	65.1	+ 1.3	56.0	+ 2.3	52.8	+ 8.5	65.2	+ 2.0
Wynne	39.2	− 0.8	47.3	+ 3.3	52.8	+ 2.0	61.7	+ 4.3	72.4	+ 3.3	80.2	+ 2 8	80.8	+ 0.6	79.4	− 0.1	77.0	+ 3.9	64.7	+ 3.3	54.5	+ 2.6	48.7	+ 8.4	63.5	+ 2.8

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly River Stages for the Year 1922.

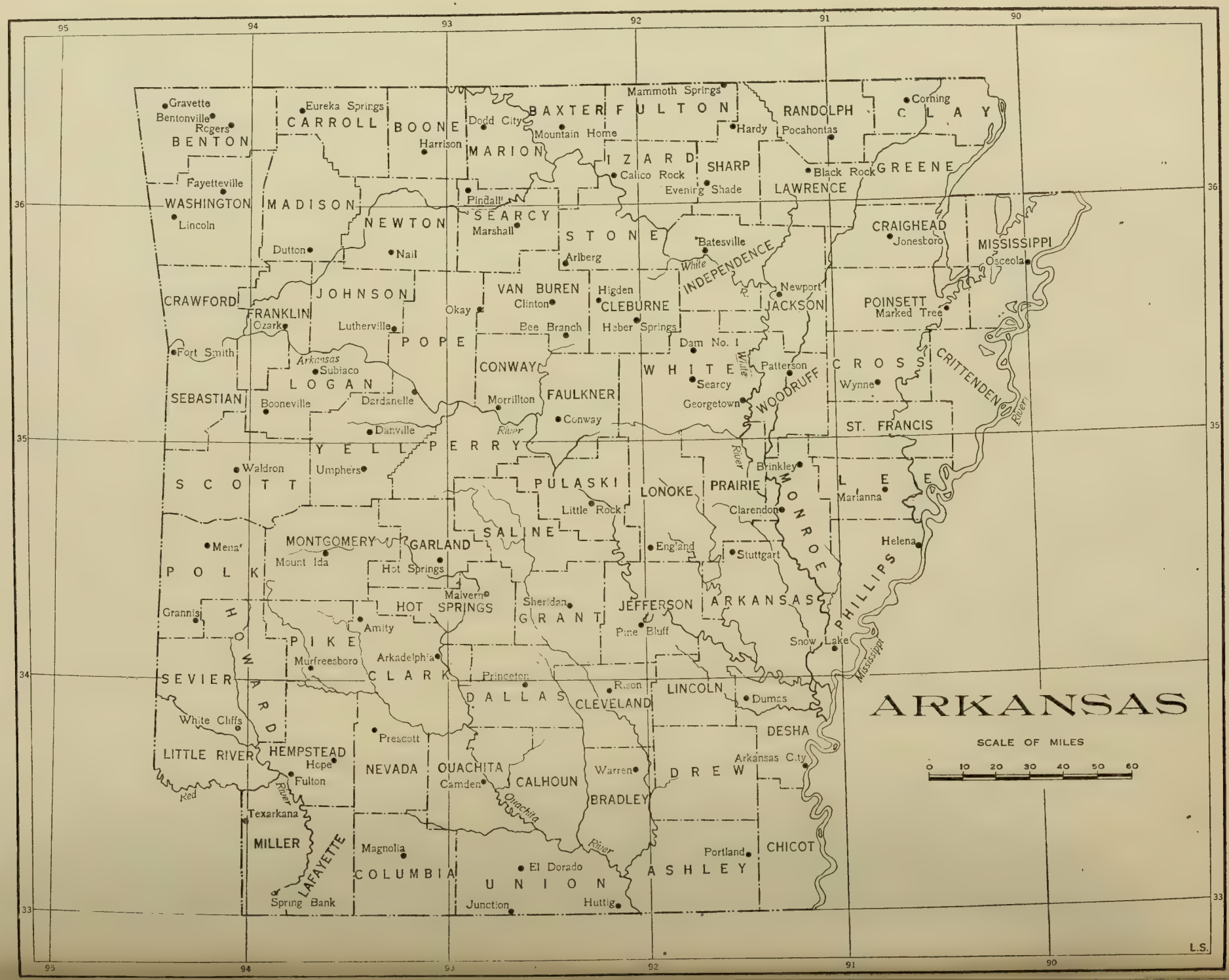
Stations.	Jan.			Feb.			Mar.			Apr.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.
Arkadelphia	4.7	0.7	1.8	7.6	1.6	2.1	15.0	3.2	6.9	**17.6**	1.5	5.5	9.7	1.5	4.3	3.6	0.1	1.6	1.1	**0.0**	0.2	1.1	**0.0**	0.2	0.5	**0.0**	0.0	0.1	**0.0**	0.0	1.9	**0.0**	0.5	2.5	**0.0**	0.
Arkansas City	37.4	27.0	32.6	28.9	18.5	24.4	53.0	30.8	41.8	**58.0**	53.6	56.9	57.7	36.8	51.6	36.5	23.8	29.0	28.6	20.9	24.6	23.5	10.2	14.9	13.7	4.6	9.4	4.3	1.9	2.6	10.2	**1.5**	3.9	24.2	5.2	12.
Batesville	12.4	6.0	7.6	13.3	5.9	7.6	**22.8**	9.8	14.0	22.6	10.8	16.0	16.4	7.9	11.0	9.0	5.2	6.6	7.8	5.3	6.3	6.4	4.8	5.3	4.8	**4.3**	4.4	5.4	**4.3**	4.5	5.4	4.4	4.8	13.4	5.1	6.
Black Rock	9 0	4.0	5.6	10.1	4.0	7.4	20.7	8.8	14.1	**23.4**	16.0	20.4	15.7	5.7	10.2	5 2	3.4	4.3	6.0	2.6	3.9	3.6	2.5	2.7	3.0	1.6	2.1	2.0	**1.4**	1.7	3.0	2.0	2.3	5.8	2.6	2.
Calico Rock	3.7	0.6	1.8	6.8	0.6	2.1	13.4	3.1	6.9	**14.2**	4.6	8.8	9.3	2.0	4.8	2.9	0.3	1.2	2.1	0.2	1.0	1.3	†0.3	0.2	†0.2	**†0.6**	†0.5	0.3	†0.6	†0.5	0.4	†0.5	†0.2	7.5	†0.1	1.
Camden	15.1	6.3	8.5	19.0	6.3	8.7	32.1	19.2	26.5	26.2	9.7	25.0	**32.4**	9.8	21.6	16.9	5.0	9.6	9.5	6.3	7.2	6.2	4.1	4.6	4.1	3.4	3.8	4.0	**3.3**	3.6	6.2	3.4	4.7	6.8	5.2	5.
Clarendon	21.8	15.8	18.6	18.4	14.0	15.6	28.2	19.9	25.3	**20.7**	28.4	30.2	29.4	21.1	26.7	20.7	9.8	14.3	12.3	9.7	10.9	9.6	7.3	8.2	7.2	6.3	6.7	6.5	**6.0**	6.2	7.3	6.1	6.6	10.9	7.1	9
Dam No. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	**25.2**	4.2	9.2	12.3	0.1	3.5	1.2	†2.5	†1.2	3.1	†2.4	†1.1	†2.4	†3.0	†2.8	†3.0	**†4.0**	†3.5	†1.0	**†4.0**	†4.0	†1.7	**†4.0**	†2.7	10.2	†2.1	0.
Danville	8.2	1.6	2.9	16.7	1.8	4.2	20.1	6.2	2.4	**22.7**	4.6	14.1	21.0	3.6	8.9	4.3	1.3	2.6	4.1	0.8	1.5	3.2	0.8	2.0	1.2	0.5	0.8	2.9	0.4	0.9	3.2	**0.3**	1.5	4.8	**1.4**	3.
Dardanelle	5 4	1.1	2.3	4.6	1.2	2.2	14.9	3.5	7.9	**25.2**	8.7	17.7	16 1	7.8	12.7	10.1	3.2	5.9	16.9	3.0	10.0	5.2	1.6	3.1	2.2	0.9	1.4	1.5	0.3	0.6	8.4	**0.2**	3.2	6.4	1,5	3.
Fort Smith	5.2	2.9	3.6	4.8	3.2	3.5	16.2	4.5	9.1	**27.5**	9.3	19.1	18.3	8.8	13.9	11.9	5.1	7.4	19.5	7.0	12.1	6.7	3.7	5.1	4.2	2.7	3.3	2.7	**2.4**	2.5	11.0	**2.4**	5.4	6.5	3.6	4.
Fulton	10.0	6.6	7.8	14.0	6.4	8.2	18.6	11.6	14.7	**28 5**	13.1	22.6	28.4	14.5	22.3	15.6	9.5	12.6	12.4	8.2	9.5	8.0	6.5	7.1	6.5	**5.5**	5.8	6.4	**5.5**	5.7	11.9	**5.5**	7.2	7.9	6.4	7.
Georgetown	15.5	5.2	9.2	14.8	4.8	7.7	22.4	15.5	19.7	**23.9**	21.1	23.0	21.0	11.6	17.9	11.2	1.8	5.4	5.0	1.3	2.9	1.3	†0.4	0.2	†0.3	**†0.7**	†0.4	†0.1	†0.6	†0.3	0.7	†0.5	0.2	9.2	0.3	2.
Helena	35.7	22.9	28.9	28.3	14.9	20.9	51.4	29.4	40.7	**52.9**	51.3	52.0	53.1	24.4	41.6	27.0	19.6	22.6	21.9	17.6	19 3	17.1	6.4	10.4	10.1	4.0	7.0	3.8	1.6	2.3	6.9	**0.8**	2.8	21.2	3.5	10
Little Rock	5.7	†0.1	1.6	5.8	0.0	1.2	16.0	5.5	9.3	**23.1**	9.2	18.3	17.6	7.6	13.2	12.2	2.1	5.5	17.1	1.8	9.1	4.6	0.4	2.0	0.5	†0.5	0.0	†0.3	†1.2	†0.8	7 3	**†1.2**	1.5	4.5	0.9	2.
Marked Tree	12.6	9.8	11.6	11.3	9.4	10.4	18.1	11 6	14.7	**19.3**	17.4	18.7	17.2	9.2	14.1	8.6	3.3	5.4	5.4	3.2	4.2	3.1	1.8	2.4	5.0	1.9	3.2	1.9	**1.2**	1.6	3.3	1.5	2.4	7.7	3.3	5.
Newport	12.1	5.7	7.6	9.7	4.5	5 6	22.7	9.6	17.0	**26 2**	18.3	23.2	20.6	7.6	14.0	7.4	3.7	5.3	3.9	3.4	3.6	3.5	2.3	2.7	3.1	1.3	1.8	1.4	**1.2**	1.3	2.6	**1.2**	2.2	8.1	2.5	8.
Patterson	8.6	6.8	7.8	8.1	6.7	7.3	10.2	7.4	9.0	**10 3**	7.9	9 0	8 3	5.3	7 2	5.0	3.0	3.9	3.3	2.9	3.1	3.3	2 4	3.0	4.9	3.1	3.9	4.9	**2.0**	3.1	4.2	2.1	2.9	7.2	4 0	5.
Pine Bluff	9.1	4.1	5.5	8.7	4.0	4.8	17.4	9.2	12.6	**26.0**	14.4	21.8	20.5	12 2	17.1	17.0	6.9	10 1	19.6	6.5	12.8	9.3	4 8	6.4	4.7	3.8	4.3	3 8	3.1	3.4	10.6	**3.0**	5.3	7.2	4.4	5.
Springbank	10.0	5.8	7.4	13.8	6.2	7.6	20.1	13.7	16.9	31.5	18.7	26.7	**32.7**	19.1	28.0	19.6	9 9	14 9	11.9	7.9	9 6	7 8	5.4	6.7	5.4	4 1	1.6	4.8	3.9	4.2	11.6	**3.4**	5 6	7.3	5.3	6.
Whitecliffs	7.0	1.8	3.4	17.4	2.4	4.3	23 0	9.6	16.5	**26.1**	5.7	19.8	25.2	8.0	16.8	8.0	1.4	3 8	1.8	1.1	1.4	1.8	1 0	1 3	1 0	1 0	1.0	1.6	0.9	1 3	3.9	0.9	1 8	5.2	1 0	3.

† Below zero of gage.

Monthly and Annual Precipitation for the Year 1922, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
nity	1.64	−3.02	5.08	+1.14	9.36	+4.43	4.99	−0.70	5.76	−0.29	3.94	−1.86	1.29	−2.80	3.25	−1.04	2.42	−0.91	1.89	−0.77	.....	.....	.....	.....	.....	.....
rkadelphia	2.12	−1.82	5.01	+0.91	10.15	+5.25	4.86	−0.42	7.90	+1.69	3.77	−1.74	4.30	+0.30	1.60	−3.13	1.50	−0.97	1.11	−1.26	1.50	−2.20	2.47	−2.62	46.29	− 6.01
rkansas City	5.14	+0.52	6.43	+1.69	10.14	+4.57	5.06	+0.60	10.33	+5.91	5.59	+1.22	2.68	−1.29	1.22	−2.71	2 50	−0.40	2.28	+0.36	4.20	+0.44	5.74	+0.74	61.31	+11.65
lberg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.30	.....	1.50	.....	3.15	.....	6.20	.....	.....	.....
tesville	2.70	−1.68	2.50	−0.98	7.24	+3.38	4.71	+0.09	4.94	−0.10	0.53	−3.71	6.39	+3.20	1.07	−3.24	1.00	−3.07	0.78	−2.27	4.42	+1.08	3.92	+0.17	40.20	− 7.13
e Branch	2.50	−1.92	4.05	+0.83	5.70	+1.06	3.45	−0.89	3.18	−1.36	2.35	−1.32	4.95	+1.39	1.85	−1.92	2.60	−0.65	1.75	−0.85	4 78	+1.64	5.85	+2.10	43.01	− 1.89
ntonville	1.37	−1.26	1.87	−0.65	5.06	+1.24	3.89	0.00	4.32	−0.90	2.48	−2.08	3.79	−0.52	0.78	−3.26	1.86	−1.61	1.06	−1.75	6.75	+3.76	2.71	−0.05	35.94	− 7.08
ck Rock	3.43	−1.09	2.60	−1.03	8.90	+5.19	4.99	−0.55	3.23	−1.40	0.34	−2.74	6.62	+2.78	2.70	−1.76	1.80	−1.78	0.97	−1.45	4.74	+0.74	6.48	+2.92	46.80	− 0.17
oneville	1.78	.....	3.38	.....	4.65	.....	4.84	.....	5.11	.....	1.03	.....	2.19	.....	1.10	.....	1.01	.....	1.04	.....	5.01	.....	2.97	.....	34.06	.....
inkley	2.39	−2.54	2.66	−1.48	12.99	+7.57	6.73	+1.76	5.98	+1.30	2.49	−0.89	5.02	+0.81	3.70	+0.18	1.56	−1.67	1.37	−1.40	1.90	−2.96	6.14	+1.12	52.93	+ 1.80
lico Rock	2.68	−1.06	2.80	+0.16	8.43	+5.14	2.85	−1.95	2.84	−1.24	0.97	−2.80	3.61	+0.37	2.01	−3.62	1.16	−2.77	1.20	−1.23	2 48	−0.43	7.39	+4.53	38.42	− 4.90
nden	3.84	−0.92	5.38	+1.21	10.19	+5.14	6.77	+2.16	6.09	+1.58	3.17	−1.64	6.40	+2.41	0.86	−2.32	2.98	−0.46	0.74	−1.63	2.47	−1.61	2.60	−2.20	51.49	+ 1.72
rendon	2.41	−2.07	3.00	−1.21	12.98	+8.76	3.39	−2.79	5.36	+0.27	2.87	−0.35	2.97	−0.71	0.78	−4.20	1.32	−2.77	1.02	−1.86	3.02	−0.89	4.67	−0.85	43.79	− 8.67
inton	2.90	.....	3.82	.....	9.34	.....	3.62	.....	5.91	.....	0.53	.....	2.98	.....	.....	.....	.....	.....	1.94	.....	3.48	.....	6.21	.....	.....	.....
nway	2.69	−1.60	3.57	−0.31	9.05	+4.58	5.49	+1.20	3.40	−1.52	3.11	−0.74	3.65	+0.12	0.35	−3.33	0.63	−3.02	0.88	−1.68	3.85	−0.08	4.90	+0 84	41.57	− 5.54
rning	2.65	−1.23	2.92	−0.85	8.67	+4.00	5.52	+0.94	1.57	−2.46	2.40	−1.77	3.10	−0.62	1.37	−2.13	0.84	−2.84	0.62	−2.33	3.50	+0.47	6.66	+3.16	39.82	− 5.66
am No. 1	.....	.....	.....	.....	.....	.....	5.42	.....	3.56	.....	3.04	.....	5.92	.....	0.73	.....	1.82	.....	1.53	.....	3.50	.....	5.42	.....	.....	.....
nville	1.48	.....	3.81	.....	6.22	.....	0.41	.....	4.07	.....	0.61	.....	3.76	.....	2.29	.....	0.15	.....	3.90	.....	3.15	.....	4.25	.....	34.10	.....
rdanelle	1.92	−1.39	3.31	+0.15	6.83	+2.33	4.00	+0.06	2.72	−3.04	2.12	−1.50	3.18	−0.55	1.94	−1.88	0.62	−2.69	2.88	+0.35	4.03	+0.60	4.46	+1.20	38.21	− 6.27
dd City	2.83	−0.17	2.93	−0.30	6.17	+2.19	5.36	+1.24	3.83	−1.29	0.84	−3.44	6.95	+2.26	1.21	−3.43	0.32	−3.53	0.36	−2.64	2.41	−0.58	5.35	+2.33	38.56	− 7.36
mas	4.82	−0.18	7.89	+3.98	12.19	+7.18	5.46	+0.96	8.94	+4.55	5.66	+1.80	2.16	−1.68	1.63	−2.20	1.26	−2.87	1.15	−1.58	6.54	+3.09	4.21	−1.17	61.91	+11.88
tton	2.43	−1.86	3.44	+0.24	4.33	−0.04	7.89	+2.60	4.86	−2.00	1.55	−3.94	4.76	+0.61	3.00	−1.38	0.65	−3.53	1.81	−1.39	4.91	+1.57	7.23	+4.28	46.86	− 4.84
Dorado	7.98	+4.51	7.88	+3.74	8.69	+3.87	9.12	+3.93	7.44	+2.27	3.81	−0.59	4.45	+0.54	3.27	−0.59	1.43	−1.83	0.83	−1.36	2.04	−2.40	8.28	+2.44	65.22	+14.53
ngland	2.31	−1.77	4.87	+0.80	10.58	+6.02	.....	.....	.....	.....	.....	.....	.....	.....	0.81	−4.20	0.73	−3.24	0.46	−1 99	3.21	−0.34	3.90	−0.69	.....	.....
reka Springs	1.64	−1.78	2.36	−0.59	5.00	+1.40	5.19	+0.69	3.94	−2.10	1.08	−5.26	5.83	+1.67	2.28	−2.76	2.02	−1 83	1.05	−1.72	4.51	+1.94	5.41	+3.17	40.31	− 7.17
yetteville	1.48	−1.48	1.90	−0.62	3.24	−0.76	3.59	−0.60	2.89	−2.66	1.47	−3.05	6.62	+2.49	2.54	−1.64	0.73	−2.79	0.69	−2.39	6.67	+3.84	3.83	+1.22	35.65	− 8.44
ort Smith	2.44	−0.07	2.44	−0.36	4.28	+0.66	4.30	+0.40	2.86	−2.05	1.04	−2.96	2.05	−1.79	1.88	−1.78	0 48	−2.69	2.80	−0.03	5.28	+2.00	3.27	+0.39	33.12	− 8.22
nton	2.79	−1.31	4.98	+1.90	9.04	+4.58	7.96	+3.87	6.13	+1.44	5.27	+1.74	2.08	−1.42	3.06	+0.35	0.21	−2.27	3.17	+1.27	1.29	−2.21	2.35	−1.17	48.33	+ 6.77
orgetown	2.62	.....	2.87	.....	13.0	.....	4.66	.....	6.94	.....	1.36	.....	2.45	.....	2.78	.....	1.13	.....	1.45	.....	3.41	.....	3.92	.....	46.60	.....
rannnis	2.32	.....	5.33	.....	7.93	.....	7.11	.....	5.33	.....	3.17	.....	2.55	.....	4.30	.....	2.12	.....	0.82	.....	5.83	.....	4.66	.....	51.47	.....
ravette	1.33	−1.50	2.24	+0.17	5.95	+2.52	4.92	+1.08	3.52	−2.37	1.41	−4.04	4.12	−0.71	1.47	−2.12	1.27	−2.40	0.74	−2.25	7.44	+4.94	3.86	+1.72	38.27	− 4.96
ardy	2.37	−1.91	2.17	−1.11	6.20	+1.95	2.77	−1.81	4.64	−0.31	2.68	−1.65	2.07	−2.05	2.37	−2.14	0.75	−3.38	2.06	−0.57	.....	.....	.....	.....	.....	.....
arrison	.....	.....	1.81	−1.13	5.46	+2.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.80	+0.34	3.30	+0.79	.....	.....	.....	.....
ebei Springs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.95	.....	4 50	.....	4.23	.....	.....	.....
elena	2.76	−2.64	3.24	−1.66	9.54	+3.50	5.06	−0.36	6.42	+1.98	1.23	−2.74	4.98	+1.14	0.84	−2.99	1.98	−1.54	3.30	+0.94	5.06	+0.61	5.82	+0.74	50.23	− 3.02
igden	2.43	.....	3.34	.....	7.97	.....	3.37	.....	4.19	.....	2.03	.....	4.25	.....	0.55	.....	0 30	.....	1.39	.....	4.62	.....	5.98	.....	40.42	.....
ope	2.39	−2.71	5.79	+1.67	8.87	+3.65	9.26	+3.97	5.58	+0.22	3.04	−1.36	2.84	−1.75	2.40	−1.05	1.58	−1.44	1.38	−1.86	1.37	−3.21	1.56	−2.89	46.06	− 6.76
ot Springs	1.90	−3.20	4.21	+0.34	9.58	+4.50	4.80	−1.26	7.41	+1.40	3.40	−1.34	4.44	−0.10	2.22	−1.61	0.72	−2.86	.....	.....	.....	.....	3.25	−1.05	.....	.....
uttig	6.50	+2.26	8.52	+4.01	11.90	+6.68	8.50	+3.91	12 69	+6.91	3.50	−0.66	4.29	+0.18	1.75	−2.52	2.00	−1.16	0.30	−1 90	3.55	+0.75	5.60	+0.47	69.10	+18.96
oneseboro	3.24	−1.94	3.10	−1.18	11.36	+6.92	5.07	+0.98	2.25	−1.65	0.34	−3.34	7.96	+4.83	2.09	−1.70	5.89	+2 31	2.16	−0.84	4.25	+1.06	5.21	+0.60	52.92	+ 6.05
unction	3.98	+0.13	5.68	+2.20	10.95	+5.75	7.58	+2.97	7.59	+2.96	4.75	+0.82	5.40	+1.28	1.20	−2.19	1.65	−0.64	.....	.....	1.42	−2.01	2.44	−1.54	.....	.....
incoln	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.54	.....	0.53	.....	0.30	.....	8 82	.....	1.96	.....	.....	.....
ittle Rock	1.90	−2 89	3.95	−0.23	8.30	+3.36	3.55	−0.96	4.74	−0 36	2.21	−1.88	2.39	−1.60	0.83	−2.82	0.93	−2.33	0.77	−1.78	2.07	−2.52	3.38	−0.86	35.02	−14.87
utherville	1.47	−2.27	4.04	+0.69	6.04	+2.33	5.15	+1.0.	4.60	−0.69	1.55	−3.14	2.34	−1.24	3.94	−0.51	0.60	−3.04	1.64	−1.92	4.20	+0.83	7.02	+3.40	42.59	− 4 55
agnolia	.....	.....	7.03	.....	10 80	.....	6.55	.....	.....	.....	4.38	.....	3.94	.....	1.38	.....	3.80	.....	1.85	.....	4.15	.....	4.06	.....	.....	.....
alvern	2.38	−3.27	3.70	+0.02	10.10	+5.29	3.98	−0.97	4.24	−0.54	4.56	+0.52	3.74	+0.52	1.40	−2.06	1.38	−1.70	2.62	+0.31	.....	.....	.....	.....	.....	.....
ammoth Spring	1.74	-1.85	2.63	−0.78	3.70	+0.56	2.94	−2.52	1.89	−2.27	0.45	−4.01	3.30	−0.70	1.63	−2.82	1.07	−3 41	3 31	+0.21	.....	.....	5.03	+2.15	.....	.....
arianna	2.50	.....	3.74	.....	9.82	.....	4.35	.....	5.14	.....	2 47	.....	4.53	.....	1.07	.....	1.26	.....	0.39	.....	2.15	.....	.....	.....	.....	.....
arked Tree	3.21	−1.62	2.01	−2.00	14.59	†	3.95	−1.74	4.58	+0.16	0.82	−2.30	8.90	+5.95	8.43	+4.47	1.91	−0.46	1.49	−3.05	5.22	+0.79	4.46	+0.13	59.57	+10.95
arshall	3.10	.....	2.91	.....	7.11	.....	5.47	.....	5.06	.....	0.32	.....	8.30	.....	2.03	.....	1.28	.....	1.77	.....	2.66	.....	6.61	.....	46.57	.....
lena	1.75	−2.05	2.86	−0.54	7.49	+2.43	6.49	+1.03	7.65	+0.78	2.66	−2.20	0.96	−3.46	5.21	+0.44	0.62	−2.98	2.71	−0.54	6.25	+2.88	2.39	−1.74	47.04	− 5.95
orrillton	0.77	.....	2.81	.....	7.93	.....	4.09	.....	2.83	.....	0.68	.....	2.29	.....	0.33	.....	0.86	.....	0.81	.....	3.38	.....	5.24	.....	32 02	.....
ountain Home	1.83	.....	4.19	.....	7.38	.....	5.52	.....	2.72	.....	.....	.....	.....	.....	0.95	.....	0.28	.....	3.39	.....	2 21	.....	5.80	.....	.....	.....
ount Ida	1.69	−2.83	3.98	−0.69	7.77	+3.20	5.27	−0.30	7.82	+1.61	2.75	−1.67	2.72	−1.10	2.11	−1.22	0.65	−2.63	2.63	−0.59	3.22	−0.87	4.34	+0.03	44.95	− 7.06
urfreesboro	1.23	.....	4.51	.....	9.70	.....	7.39	.....	5.27	.....	6.35	.....	3.20	.....	1 57	.....	0.23	.....	2.12	.....	2.40	.....	2.87	.....	46.84	.....
ail	2.00	−2.08	2.98	0.00	5.66	+0.32	6.35	+1.16	5.73	−0.81	1.63	−3 43	7.10	+1.96	2.32	−1.19	0.60	−4.07	1.55	−2.16	4.75	+1.44	6 60	+3.04	47.27	− 5 85
Newport	3.17	−1.78	2.72	−1.22	9.25	+4.87	4.86	+0.10	3.44	− 0.57	0.71	−2.91	6.91	+3.82	0.75	−2 75	1 45	−2.44	2.15	−0.25	4.03	−0.47	5.50	+1.68	44.94	− 1.92
kay	2 64	.....	5.74	.....	7.58	.....	6.99	.....	.....	.....	1.42	.....	4 44	.....	0.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
sceola	2 00	−2.80	1.70	−2.43	7.15	+1.73	2.87	−1.03	5.75	+1.16	.....	.....	7.07	+3 56	1.05	−1.94	1.80	−0.92	1.00	−1.23	.....	.....	.....	.....	.....	.....
zark	2.38	−0 09	2.58	−0.11	4.49	−0.06	6.63	+2.53	3.78	−2.39	1.63	−2.76	1.60	−2.16	0.55	−3 36	0.40	−2.57	0.99	−1.97	5.97	+3.02	5.47	+2.16	36.47	− 7.76
Patterson	3.34	.....	2.62	.....	10.79	....	4.77	.....	3.66	.....	1.64	.....	5.43	.....	0.33	.....	0.62	.....	1.15	.....	4.90	.....	4 62	.....	43.87	.....
Pindall	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.61	.....	4.35	.....	3 13	.....	7.25	.....	.....	.....
ine Bluff	2.22	−3.10	2.51	−1.76	13.53	+8.40	4.86	−0.34	7.35	+2.60	3.01	−0.78	1 13	−2.73	2.98	−0.22	0 28	−3.15	0.43	−1.92	3.70	−0.55	4.81	−0.36	46.91	− 3.91
ocahontas	2.90	−1.53	3.30	−0.26	8.22	+3.64	3.53	−1.05	2.55	−2.15	3.25	−0.47	5.08	+0.38	3.10	−1.25	1.57	−2.00	0.68	−1.99	4.65	+1.42	6.60	+3.07	45.43	− 2.19
ortland	6.25	+1.62	9.70	+5.11	7.78	+2.39	5.20	+0.50	10.54	+4.61	4.13	+0.24	4.51	−0.26	3.13	−0.67	1.69	−1.91	0 25	- 2 18	5.32	+1.82	4.67	−1.10	62.57	+10.17
rescott	2.45	−1.95	4.47	+0.96	9.86	+5.14	8.41	+3.32	5.28	+ 0.07	4.55	+0.93	2.30	−0.94	1.45	−1.88	1 91	−1.55	1.11	−1.09	1.63	−1.92	1.90	−2.33	45.35	− 0 44
rinceton	1.55	−3.25	4.90	+0 89	11.53	+7.33	6.45	+0.27	5.90	+0.41	5.32	+1.07	7.17	+3.09	0.90	−2.36	1.20	−2.11	1.45	−0.95	1.75	−2.38	1.95	−3.70	50.07	− 1.69
ison	3.08	−2.78	4.16	+1.20	13.83	+9.26	7 74	+4.03	4.64	+0.98	5.07	+0.93	4.91	+1.39	2.02	−0.92	1.67	−2 24	1.10	−1.43	2.15	−1.26	3.65	−0.11	54.02	+ 9.11
ogers	1.34	−1.34	1.92	−0.04	4.47	+0.97	5.03	+0.79	2 24	−3.04	2.99	−1.74	4.43	+0.03	1.17	−2.24	1.35	−2.27	0.66	−2.04	5.61	+2 97	6.46	+4.30	37.67	− 3.69
searcy	2.19	.....	3.53	.....	8.70	.....	4.58	.....	5.03	.....	1.64	.....	5.36	.....	0.36	.....	3 80	.....	.....	.....	.....	.....	.....	.....	.....	.....
Snow Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.56	.....	5 53	.....	5.56	.....	.....	.....
Springbank	4 67	+1.26	5.68	+2.10	10.57	+6.39	12 81	+6 37	3.83	−0.09	4.93	+1.22	6.38	+3.38	3.12	−0.75	1.75	−1.55	0.81	−1.06	3.25	+0 17	3.26	−1.67	61.06	+15.77
Stuttgart	2.22	−2.91	4.29	+0.18	11.38	+5.95	3.98	−0.83	4.78	−0.03	3.70	−0.37	2.02	−2.34	1.78	−1.81	0.70	−2.80	1 44	−1.32	2.41	−1.66	3.79	−1.10	42.49	− 9.04
Sublaco	2 21	−1.07	3.53	+0.58	4.64	+0.80	4.88	+0.83	4.93	−1.14	0.63	−3.39	2.25	−1.23	1.16	−2.85	0.51	−2.79	0 90	−2.19	5.17	+2.26	6 10	+3.09	36 91	- 7.10
Texarkana	3 25	+0.16	5.45	+2.49	7.52	+3.58	10.34	+5.60	4.03	−0.16	4.39	+0.84	4.44	+1.29	4.74	+1.73	0.98	−1.81	1.35	− 0.85	0.86	−2.16	1.68	−1.87	49.83	+ 8.84
Umphers	1.85	.....	3.35	.....	.....	.....	4.22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waldron	1.64	.....	3.59	.....	6 33	.....	6.66	.....	6.62	.....	2.08	.....	2.13	.....	2.43	.....	0.47	.....	0.80	.....	6.80	.....	3.60	.....	43.15	.....
Warren	4.23	−0.53	6.55	+1.99	9.79	+4.27	5.58	+0.31	6.66	+1.97	6.15	+2.10	1.70	−1.97	1.25	−2.61	2.77	−1.83	0.92	−2.23	4.65	+0.84	4.39	−1.19	54.64	+ 1.12
Whitecliffs	1.70	−1.27	5.50	+2.01	9.90	+6.04	12.25	+6.54	4.60	−1.09	5.90	+2.38	2.10	+0.16	1.88	−1.54	T.	−2.28	3.76	+1.50	2.90	+0.28	1.00	−3.42	51.49	+ 9.31
Wynne	2.14	−3.27	2.33	−1.35	11.75	+7.69	4.09	−1.28	4.82	+1.12	2.12	−1.02	7.86	+4.58	0.21	−4.21	0.53	−2.97	1.17	−2.14	3.67	+0.8	5.17	+0.39	45.86	− 1.80

† +10 62. In the above table the departures from the normal precipitation are based on records from stations that have ten or more years of observation.


95
94
93
92
91
90
36
35
34
33
Gravette
Bentonville
Rogers
Eureka Springs
CARROLL
BOONE
BENTON
Harrison
Dodd City
BAXTER
Mammoth Springs
FULTON
Mountain Home
Hardy
Pocahontas
RANDOLPH
Corning
CLAY
MARION
IZARD
SHARP
Calico Rock
Evening Shade
Black Rock
GREENE
LAWRENCE
Fayetteville
WASHINGTON
Lincoln
MADISON
Pindall
NEWTON
SEARCY
Marshall
STONE
Batesville
Arlberg
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
Dutton
Nail
White
INDEPENDENCE
CRAWFORD
JOHNSON
VAN BUREN
Clinton
Higden
CLEBURNE
Newport
JACKSON
POINSETT
Marked Tree
FRANKLIN
Ozark
Okay
Lutherville
Bee Branch
Heber Springs
POPE
Dam No. 1
Fort Smith
Arkansas
Subiaco
CONWAY
WHITE
White
Patterson
Searcy
CROSS
Wynne
CRITTENDEN
River
LOGAN
SEBASTIAN
Booneville
Dardanelle
Morrillton
FAULKNER
Georgetown
WOODRUFF
Conway
Danville
River
ST. FRANCIS
YELL
PERRY
Waldron
Umphers
SCOTT
PULASKI
LONOKE
PRAIRIE
Brinkley
Marianna
LEE
Little Rock
Clarendon
MONROE
Helena
MONTGOMERY
GARLAND
SALINE
Mena
Mount Ida
Hot Springs
England
Stuttgart
PHILLIPS
POLK
Malvern
Sheridan
HOT SPRINGS
GRANT
JEFFERSON
ARKANSAS
Grannis
HOWARD
Amity
Pine Bluff
Snow Lake
PIKE
Murfreesboro
Arkadelphia
Mississippi
SEVIER
CLARK
Princeton
Rison
LINCOLN
Dumas
DALLAS
CLEVELAND
White Cliffs
DESHA
Prescott
LITTLE RIVER
HEMPSTEAD
Hope
NEVADA
OUACHITA
Camden
CALHOUN
Warren
DREW
Arkansas City
Fulton
Red
River
BRADLEY
Ouachita
Texarkana
MILLER
LAFAYETTE
Magnolia
COLUMBIA
El Dorado
UNION
ASHLEY
Portland
CHICOT
Spring Bank
Junction
Huttig
ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.


60°
60°
58°
60°
60°
62°
64°
62°
64°
64°
66°
66°
MARION
NEWTON
SEARCY
VAN BUREN
POPE
CONWAY
YELL
PERRY
SALINE
MONTGOMERY
GARLAND
HOT SPRING
GRANT
CLARK
DALLAS
CLEVELAND
LINCOLN
LITTLE RIVER
HEMPSTEAD
NEVADA
OUACHITA
CALHOUN
BRADLEY
MILLER
LAFAYETTE
COLUMBIA
UNION
ASHLEY
CHICOT
GREENE

MISCELLANEOUS DATA, 1922.

Stations.	Pressure, Sea-level. Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville.	30.03	30.61	Jan. 21	29.34	Apr. 7	49,927	35	se.	Apr. 8	.....	.....	58
Fort Smith.	30.01	30.60	Jan. 21	29.40	Apr. 7	68,884	60	sw.	Apr. 10	78	57	62
Little Rock.	30.02	30.61	Jan. 22	29.43	Jan. 10	71,894	52	w.	May 20	82	61	64
Memphis.	30.09	30.64	Feb. 8	29.41	Jan. 10	69,481	56	sw.	Apr. 11	76	63	62

† And other dates.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1922.

Month.	Temperature, in degrees Fahrenheit. Mean.	Departure.	Highest.	Lowest.	Precipitation, in inches. Average.	Departure.	Greatest in 24 hours.	Number of rainy days.	Sky. Clear.	Pt. cloudy.	Cloudy.	Prevailing direction of the wind.
January	39.1	− 1.8	74	10	2.63	− 1.60	7.98	7	8	5	18	n.
February	47.8	+ 5.6	84	1	4.89	+ 1.61	9.70	8	9	7	12	s.
March	51.7	− 0.9	83	7	8.58	+ 3.88	14.50	11	12	6	13	s.
April	63.5	+ 2.5	90	26	5.54	− 0.76	12.81	9	15	6	11	s.
May	70.8	+ 1.6	100	40	5.00	− 0.12	12.09	11	12	10	9	s.
June	78.0	+ 1.8	104	44	2.64	− 1.10	6.35	7	16	8	6	s.
July	80.2	+ 0.3	106	48	4.12	+ 0.20	8.90	7	14	11	6	s.
August	80.4	+ 1.0	111	51	1.90	− 1.93	8.[illegible]	5	18	8	5	s.
September	76.2	− 2.3	106	37	1.25	− 2.08	5.84	3	22	5	3	s.
October	63.1	+ 0.8	98	20	1.47	− 1.53	4.35	4	18	6	7	s.
November	52.9	+ 1.4	88	20	3.89	+ 0.52	8.82	6	16	6	8	n.
December	47.8	+ 5.7	66	12	4.50	+ 0.50	8.28	9	12	5	14	n.
Annual	62.7	+ 1.7	111	7	46.50	− 1.43	14.09	87	170	83	112	s.

COMPARATIVE ANNUAL DATA FOR ARKANSAS.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 inch or more.
Means and Extremes.	61.0		116	−29	47.93		167	98	100	84
1891	60.5	−0.5	108	6	44.49	− 3.44	180	94	91	94
1892	60.0	−1.0	106	−14	57.75	+ 9.82	159	98	108	98
1893	60.7	−0.3	103	−13	47.91	− 0.02	185	95	85	75
1894	61.3	+0.3	108	−22	49.05	+ 1.12	176	96	93	75
1895	59.8	−1.2	105	−17	44.69	− 3.24	167	92	106	83
1896	63.0	−2.0	112	4	38.02	− 9.91	171	97	98	79
1897	62.4	+1.4	111	− 2	46.52	− 1.41	178	96	91	83
1898	61.4	+0.4	108	− 4	56.83	+ 8.90	159	109	102	87
1899	60.6	−0.4	112	−25	41.49	− 6.44	170	105	90	83
1900	62.0	+1.0	108	− 5	49.03	+ 1.10	150	120	95	92
1901	61.1	+0.1	116	− 6	35.28	−12.65	175	111	79	69
1902	60.4	−0.6	108	2	51.70	+ 3.77	156	121	94	84
1903	59.3	−1.7	105	−12	43.62	− 3.31	162	107	96	84
1904	60.5	−0.5	105	− 5	48.45	− 4.48	169	112	85	74
1905	59.5	−1.5	106	−29	63.65	+15.72	146	107	112	103
1906	60.2	−0.8	101	− 7	56.97	+ 9.04	156	96	113	95
1907	61.7	+0.7	113	− 8	49.71	+ 1.78	138	91	111	86
1908	62.1	+1.1	103	6	48.88	+ 0.95	158	100	108	92
1909	62.1	+1.1	111	−19	44.05	− 3.88	173	93	96	85
1910	61.0	0.0	105	−13	45.21	− 2.72	172	109	84	84
1911	62.9	+1.9	107	− 9	49.53	+ 1.60	152	117	96	95
1912	59.8	−1.2	106	−16	45.83	− 2.10	171	110	85	81
1913	61.6	+0.6	108	− 1	54.01	+ 6.08	148	107	100	89
1914	61.4	+0.4	110	−11	42.85	− 5.08	159	109	107	82
1915	60.6	−0.4	107	− 3	53.08	+ 5.15	163	81	121	82
1916	61.9	+0.9	107	−16	42.18	− 5.75	191	76	99	75
1917	59.2	−1.8	106	−21	40.72	− 7.21	187	74	104	75
1918	61.4	+0.4	115	−23	44.64	− 3.29	174	76	115	75
1919	61.6	+0.6	113	−19	54.52	+ 6.59	165	75	124	91
1920	60.7	+0.3	105	− 2	54.28	+ 6.35	174	74	117	90
1921	64.2	+3.2	107	− 3	47.46	− 0.47	178	85	102	83
1922	62.7	+1.7	111	7	46.50	− 1.43	170	83	112	87

KILLING FROSTS, 1922.

Stations.	Last in spring.	First in autumn.	Stations.	Last in spring.	First in autumn.
Amity	Mar. 9	Nov. 26	Junction	Mar. 4	Nov.
Arkadelphia	Mar. 4	Nov. 26	Lincoln	.....	Oct.
Arkansas City	Mar. 4	Nov. 22	Little Rock	Mar. 4	Nov.
Arlberg	.....	Nov. 22	Lutherville	Mar. 4	Nov.
Batesville	Mar. 7	Oct. 18	Magnolia	Mar. [illegible]	Dec.
Bee Branch	Mar. 12	Nov. 21	Malvern	[illegible]	.....
Bentonville	Mar. 20	Oct. 18	Mammoth Spring	*Apr. 20	Nov.
Black Rock	Mar. 4	Nov. 16	Marianna	Mar. 8	Nov.
Booneville	Apr. 1	Nov. 21	Marked Tree	Mar. 4	Nov.
Brinkley	Mar. 8	Nov. 29	Marshall	Mar. 4	Nov.
Calico Rock	Mar. 4	Nov. 20	Mena	*Mar. 8	Nov.
Camden	Mar. 20	Nov. 21	Morrilton	Mar. 4	Nov.
Clarendon	Mar. 8	Oct. 18	Mountain Home	Apr. 20	Oct.
Clinton	Mar. 4	Nov. 21	Mount Ida	*Mar. 21	Nov.
Conway	Mar. 4	Nov. 10	Murfreesboro	Mar. 18	Nov.
Corning	*Mar. 22	Nov. 26	Nail	Apr. 1	Oct.
Dam No. 1	.....	.....	Newport	*Mar. 8	Nov.
Danville	Mar. 8	.....	Ozan	Apr. 1	.....
Datide, Ill.	Mar. 4	Nov. 26	Osceola	*Mar. 8	Nov.
Dave City	*Mar. 22	Oct. 18	Ozark	*Mar. 8	Nov.
Dumas	Mar. 8	Nov. 27	Patterson	Mar. 4	Oct.
Linton	Apr. 18	Oct. 18	Pindal	.....	Nov.
El Dorado	*Mar. 4	Nov. 21	Pine Bluff	Mar. 4	Nov.
Enola	Mar. 12	Nov. 21	Pocahontas	*Mar. 8	Nov.
Eureka Springs	Mar. 22	Nov. 25	Portland	Mar. 8	Nov.
Fayetteville	*Mar. 29	Oct. 18	Prescott	Mar. 20	Nov.
Fort Smith	Mar. 4	Nov. 26	Princeton	Mar. 4	Nov.
Fulton	Mar. 4	Nov. 20	Rison	*Mar. 8	Nov.
Georgetown	Mar. 4	Nov. 21	Rogers	Apr. 1	Oct.
Grannis	Mar. 5	Nov. 21	Searcy	Mar. 4	Nov.
Gravette	Apr. 1	Oct. 18	Snow Lake	.....	Nov.
Hardy	Mar. 17	Oct. 18	Springdale	Mar. 1	Nov.
Harrison	Mar. 22	Nov. 19	Stuttgart	Mar. 8	Nov.
Heber Springs	.....	Oct. 14	Sulphur	Mar. [illegible]	Dec.
Helena	Mar. 4	Nov. 16	Texarkana	Mar. [illegible]	Nov.
Higden	Mar. 7	Nov. 21	Umpire	.....	.....
Hope	Mar. 4	Nov. 21	Warren	Mar. 22	Oct.
Hot Springs	Mar. 4	Nov. 26	Wesley	Mar. 4	Dec.
Hutig	Mar. 8	Nov. 29	Whitecliffs	Mar. 4	Nov.
Lonoke	*Mar. 8	Nov. 21	Wynne	Mar. 4	Nov.

*No killing frost recorded; last [illegible] reported in Spring.
†No killing frost recorded; first freezing temperature in Autumn.

MISCELLANEOUS PHENOMENA, 1922.

Number of reports and number of days on which reported.

Month	Hail, moderate. Days.	Hail, heavy. Days.	Thunder storms. Days.	Dense fog. Days.	Sleet. Days.	Glaze. Days.	Winds, high, not tornadic. Days.	Value property damaged.
January	..	..	5	3	6	1	35	11	8	4	..	..	.....
February	..	..	32	30	5	2	42	5	..	..	..	..	.....
March	..	..	36	17	16	7	13	2	..	..	..	..	.....
April	..	..	10	18	2	2	..	..	..	..	..	..	.....
May	1	1	14	2	2	2	..	..	..	..	1	1	$10,000
June	..	..	8	11	1	1	..	..	..	..	..	..	.....
July	..	..	14	5	2	2	..	..	..	..	..	..	.....
August	..	..	6	2	1	1	..	..	..	..	..	..	.....
September	..	..	8	1	..	..	..	..	..	..	..	..	.....
October	..	..	10	10	2	2	..	..	..	..	..	..	.....
November	..	..	11	11	2	2	2	1	..	..	..	..	.....
December	..	..	7	12	5	3	2	2	..	..	..	..	.....
Year	1	1	165	185	38	28	115	21	8	4	1	1	$10,000

TORNADOES, 1922.

Places and dates.	Number persons killed.	Value property destroyed.
Fallsville, Newton Co., January 4th.	3	$2,000.
Jacksonville, Pulaski Co., January 7th.	2	$5,000.
Arkansas City, Desha Co., March 14th.	1	$[illegible].
Kensett, White Co., March 14th.	1	Slight.
Gibsemane, Jefferson Co., March 14th.	6	$[illegible].
Crossett, Ashley Co., March 30th.	0	$7,000.
Prescott, Nevada Co., March 30th.	0	Slight.

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LUNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., JANUARY, 1923. No. 1.

MAR 15 1923

GENERAL SUMMARY.

Remarkably mild weather prevailed throughout January, the monthly mean temperature, 48.6° being with but one exception the highest during the past 33 years. In 1907 the mean temperature for the State was 49.2°, but in 1907 there was a temperature of 8° below zero recorded at Pond and zero or lower at other stations, while during the past month the lowest temperature was 15°. Not only was the past month next to the mildest on record, but the month was even warmer than the preceding December. From the 8th to the 20th there was a daily excess of 10° to 15° throughout the State, and at the close of the month the temperature was 15° to 18° above normal. Practically no rain fell during the first 13 days of the month, but from the 19th to the close of the month rains were frequent and field work had to be stopped on account of the wet soil.

The month as a whole was favorable for agricultural pursuits. More plowing was done than is usual during January and the close of the month found all farm work well advanced. The warm weather advanced all vegetation and some apprehension was felt for the fruit crop. Wheat, oats, meadows, pastures, and truck made excellent progress and were in good condition.

W. C. H.

TEMPERATURE.

The mean temperature for the State, as determined from the records of 53 stations, was 48.6° which is 7.7° above normal, all stations showing positive departures. The highest monthly mean was 54.6° at Texarkana, the lowest, 43.2° at Nail. The highest temperature recorded during the month was 80° at Portland on the 14th. The lowest was 15° at Evening Shade on the 23d. The greatest daily range was 49° at Portland on the 10th.

PRECIPITATION.

The average precipitation, as determined from the records of 75 stations, was 5.78 inches which is 1.55 inches above normal. Negative departures were recorded at several stations in the southeastern counties, at a few places in the upper Arkansas Valley and at Batesville, positive in all other sections. Monthly totals ranged from 9.71 inches at Texarkana to 1.75 inches at Booneville. The greatest amount measured in 24 consecutive hours was 4.50 inches at Portland on the 30th. Five stations reported a measurable amount of snow and traces were recorded at several others. The average number of rainy days was 9.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.06	30.50	16	29.66	7	4,597	24	s.	1	.....	.....	52
Fort Smith...	30.07	30.54	16	29.71	27	6,370	38	sw.	5	77	56	49
Little Rock	30.09	30.51	16	29.70	7	7,191	44	s.	5	86	65	47
Memphis....	30.11	30.52	17	29.67	7	7,196	37	sw.	11	74	64	46

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 13th, 3; 14th, 8; 16th, 1; 20th, 4; 21st, 7; 29th, 5; 30th, 9; 31st, 5.

Dense Fog:—1st, 1; 7th, 1; 24th, 1; 25th, 2; 30th, 3; 31st, 1.

Lunar Halos:— 6th, 1; 24th, 1; 25th, 2.

Sleet:— 22d, 8; 23d, 21.

Glaze:— 23d, 1; 24th, 1.

COMPARATIVE DATA FOR ARKANSAS---- JANUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Means and Extremes.	40.9		86	−23	4.23		12	7	12	7
1891.....	41.6	+0.7	71	13	5.34	+1.11	10	6	15	10
1892.....	34.7	−6.2	81	−12	2.48	−1.75	18	5	8	6
1893.....	38.5	−2.4	80	−13	1.13	−3.10	17	8	6	2
1894.....	43.5	+2.6	77	−22	3.63	−0.60	13	8	10	7
1895.....	36.9	−4.0	78	− 5	5.19	+0.96	9	6	16	8
1896.....	41.4	+0.5	78	4	4.09	−0.14	10	6	15	8
1897.....	38.9	−2.0	76	− 2	6.78	+2.55	13	5	13	8
1898.....	45.5	+4.6	81	10	7.93	+3.70	10	8	13	9
1899.....	39.3	−1.6	75	− 9	5.91	+1.68	12	6	13	7
1900.....	43.4	+2.5	78	1	2.69	−1.54	13	7	11	7
1901.....	45.6	+4.7	78	7	2.21	−2.02	16	7	8	5
1902.....	38.0	−2.9	79	2	4.13	−0.10	11	6	14	8
1903.....	40.2	−0.7	80	7	2.60	−1.63	13	8	10	6
1904.....	38.9	−2.0	75	− 5	3.81	−0.42	15	8	8	6
1905.....	33.3	−7.6	73	13	4.58	+0.35	12	8	11	6
1906.....	43.1	+2.2	82	− 2	5.19	+0.96	14	5	12	6
1907.....	49.2	+8.3	82	− 8	5.80	+1.57	8	7	16	11
1908.....	41.7	+0.8	78	6	3.75	−0.48	14	7	10	7
1909.....	43.8	+2.9	82	−19	1.79	−2.44	4	7	20	6
1910.....	41.8	+0.9	78	− 7	2.59	−1.64	16	6	9	6
1911.....	47.6	+6.7	86	− 9	1.02	−3.21	8	10	13	6
1912.....	34.3	−6.6	79	−16	3.01	−1.22	13	10	8	6
1913.....	44.0	+3.1	78	− 1	8.45	+4.22	12	7	12	10
1914.....	46.6	+5.7	82	7	1.57	−2.66	13	9	9	4
1915.....	39.3	−1.6	74	− 3	4.38	+0.15	10	6	15	8
1916.....	44.3	+3.4	82	− 6	9.39	+5.16	8	4	19	12
1917.....	44.0	+3.1	82	− 4	3.66	−0.57	11	5	15	7
1918.....	27.3	−13.6	80	−23	4.39	+0.16	13	4	14	8
1919.....	41.4	+0.5	75	− 3	3.00	−1.23	16	5	10	6
1920.....	39.6	−1.3	82	11	6.49	+2.26	12	4	15	8
1921.....	46.9	+6.0	85	6	2.07	−2.16	11	6	14	6
1922.....	39.1	−1.8	74	4	2.63	−1.60	8	5	18	7
1923.....	48.6	+7.7	80	15	5.78	+1.55	14	5	12	9

* Based on 30 years record.

Climatological Data for January, 1923.

Station.	County.	Elevation, feet.	Temperature (Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	700	30	50.6[j]	+ 7.3	71[j]	13	24[j]	16	45[j]	8.53	+3.87	3.00	0	9	3[j]	6[j]	12[j]	sw.	James Dillard.
Arkadelphia	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	6.35	+2.41	2.00	0	11	14	0	17	sw.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	4.21	−0.41	0.95	0	11	10	8	13	n.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	4.20	.....	2.00	0	7	18	1	12	.....	J. D. Reeves.
Batesville	Independence	277	24	43.8	+ 5.1	67	18	21	1	40	4.22	−0.16	1.07	T.	1	11	8	12	w.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	.....	31	45.1	+ 3.8	74	14	21	1	36	5.25	+0.83	1.90	0	8	16	3	12	w.	J. E. Scanlan.
Bentonville	Benton	1303	17	45.4	+11.3	67	11	23	3	30	5.49	+2.86	3.26	T.	8	14	6	11	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	6.81	+2.29	2.70	0	11	16	0	15	.....	Vernon C. Howe.
Booneville	Logan	600	9	50.2	.....	68	11†	27	6	28	1.75	.....	0.60	0	8	17	4	10	w.	Supt. Tuberculosis San
Brinkley	Monroe	205	41	50.7	+ 8.5	70	13	26	1	36	6.75	+1.82	2.23	0	7	14	6	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	44.4	.....	74	11	24	1	47	4.18	+0.44	1.87	0	8	12	8	11	e.	W. J. Copp.
Camden	Ouachita	158	37	48.6	+ 3.5	74	14	25	16	44	5.20	+0.44	1.19	0	13	11	1	18	sw.	A. B. Quarterman.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	5.25	+0.77	1.56	0	11	10	6	15	s.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	3.70	.....	1.53	0	7	16	7	8	w.	Dr J. M. Hunter.
Conway	Faulkner	309	39	48.0	+ 7.4	68	8	24	1	39	5.84	+1.55	1.96	0	9	18	1	12	s.	E. E. Cordrey.
Corning	Clay	293	23	45.5	+ 8.4	70	18	25	1	34	6.88	+3.00	2.15	0	8	13	9	9	sw.	Rev. N. E. Skinner.
Dam No. 1, ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	7.08	.....	1.77	0	9	19	4	8	.....	H. S. Cooper
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	5.70	.....	2.20	0	5	16	1	14	w.	C. P. Evans.
Dardanelle	Yell	330	37	48.8	+ 8.9	71	8	27	1†	38	3.97	+0.66	1.35	0	6	17	1	13	e.	J. D. Riley.
Dodd City	Marion	1175	41	44.3	+ 8.2	69	11†	22	1†	39	4.47	+1.47	1.95	0	6	15	6	10	nw.	Neal Dodd.
Dumas	Desha	162	16	51.2	+ 7.9	74	13	27	1	39	4.22	−0.78	0.90	0	15	11	6[j]	14	s.	Ben. Johnson.
Dutton	Madison	1590	21	43.4	+ 6.8	66	18	19	3†	39	6.93	+2.64	1.94	0	8	17	4	10	se.	J. M. Ricketts.
El Dorado	Union	270	17	51.4	+ 5.0	75	14	27	6†	38	3.70	+0.23	1.00	0	12	13	7	11	s.	J. J. Babb.
England	Lonoke	229	16	50.3[b]	+ 5.5	78[b]	10	27[b]	1	46[b]	6.23	+2.15	1.82	0	12	15	5	11	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	47.5	+ 9.2	68	11†	23	3	31	5.96	+2.54	3.40	0	8	11	12	8	se.	George W. Nicholds.
Evening Shade	Sharp	.....	26	.....	.....	.....	.....	15[e]	23	.....	3.75	−0.58	2.00	1.0	8	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	47.2	+ 9.9	66	11†	24	3	32	3.77	+0.81	2.30	0	6	19	3	10	nw.	University of Arkansas
Fort Smith	Sebastian	481	41	48.8	+10.5	70	18	29	6	33	3.62	+1.11	2.18	T.	11	11	8	12	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	8.65	+4.55	3.05	0	6	11	5	15	nc.	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	5.90	.....	1.80	0	12	18	0	13	w.	Arthur Lentz.
Grannis	Polk	900	5	49.2	.....	68	13	25	3	37	7.59	.....	2.10	4.0	11	18	3	10	e.	W. E. Mc Vay.
Gravette	Benton	1250	25	44.9	+ 7.7	68	11	17	13	40	5.55	+2.72	3.47	0	8	14	5	12	sw.	A. F. Stevens.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	6.53	.....	1.83	0	9	15	6	10	w.	E. C. Spranhurst.
Helena	Phillips	182	2	.....	.....	.....	.....	.....	.....	.....	6.34	+0.94	2.62	0	11	19	0	12	.....	James A. Burnett
Higden	Cleburne	445	55	.....	.....	.....	.....	.....	.....	.....	4.94	.....	1.55	T.	10	20	2	9	sw.	J. A. Ingram.
Hope	Hempstead	377	51	52.7[a]	+ 8.6	75[a]	13	27[a]	1	37[a]	9.55	+4.45	3.30	0	10	16[a]	1[a]	13[a]	sw.	N. P. O'Neal.
Hot Springs	Garland	600	30	49.2	+ 6.0	68	16	28	1	36	7.91	+2.81	3.55	T.	10	15	4	12	.....	P. P. Patraw.
Huttig	Union	175	16	52.4[c]	+ 3.6	76[c]	14†	27[c]	4	48[c]	2.86	−1.38	1.00	0	8	17	2	12	sw.	J. L. Corlett.
Jonesboro	Craighead	345	28	47.4	+ 6.4	68	19†	26	1	32	6.32	+1.14	2.11	0	13	17	3	11	sw.	Beneuictine Sisters.
Junction ‡‡	Union	182	30	53.3	+ 7.3	77	13	25	16	42	2.61	−1.24	0.69	0	6	13	5	13	n.	J. A. Lauderback.
Lincoln	Washington	1500	2	.....	.....	.....	.....	.....	.....	.....	4.90	.....	.....	0	.....	17	7	7	s.	L. E. Nabers.
Little Rock	Pulaski	286	44	49.7	+ 8.3	68	10	31	23	34	7.42	+2.63	3.00	0	10	11	6	14	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	26	47.7	+ 7.2	66	18	28	6	29	3.01	−0.75	0.56	0	9	19	2	10	e.	H. Kauffeld.
Magnolia	Columbia	315	5	52.5[b]	.....	70	20†	30[e]	3	30[e]	3.90	.....	1.20	0	9	13	2	16	s.	State Agriculture Schoo
Mammoth Spring	Fulton	512	18	42.8	+ 5.6	63	4	22	1	37	5.82	+2.23	1.50	0.5	9	18	3	10	s.	F. Wallick.
Marianna	Lee	235	14	50.0	+ 9.7	69	11	27	1	32	4.62	.....	1.48	0	8	14	5	12	s.	C. N. Houck.
Marked Tree	Poinsett	229	18	46.2	.....	73	31	20	2	35	7.31	+2.54	2.10	0	11	14	5	12	n.	Charles Walton.
Marshall	Searcy	1083	8	48.8	.....	68	11	28	1†	31	3.38	.....	1.15	0	9	17	6	8	s.	W. F. Reeves.
Mena	Polk	1185	35	48.3	+ 6.5	70	8	25	1†	35	3.96	+0.16	1.14	0.4	10	18	3	10	sw.	E. W. St. John.
Morrilton	Conway	347	3	49.2	.....	68	8	28	1	35	6.62	.....	1.46	0	9	18	5	8	s.	J. W. Jackson.
Mountain Home	Baxter	800	9	46.6[j]	.....	73[j]	11	21[j]	1	42[j]	.....	.....	1.80	0	7	12[j]	1[j]	8[j]	w.	B. S. Halbert.
Mount Ida	Montgomery	730	25	47.0	.....	69	16	20[a]	1	47[a]	6.58	+2.06	2.60	T.	7	14	3	14	w.	G. A. Whittington.
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	9.55	.....	3.47	0	7	14	2	15	.....	Henry A. Davis.
Nail	Newton	2233	30	43.2	+ 6.6	65	11†	22	5	32	6.67	+2.59	2.90	0	9	12	7	12	s.	Charles Paxton.
Newport	Jackson	231	39	47.7	+ 8.5	67	8	27	1	31	7.47	+2.52	2.11	0	11	16	5	10	sw.	George L. Robinson
Osceola	Mississippi	240	23	49.6	+10.2	74	31	31	23†	33	7.66	+2.86	2.75	0	9	19	2	10	s.	Mrs. J. T. Driver.
Ozark	Franklin	450	26	45.8[c]	+ 4.7	73[c]	19	21[c]	25	24[c]	3.80	+1.33	1.25	0	4	9[c]	10[c]	9[c]	nw.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	6.55	.....	1.85	0	7	17	0	14	n.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	5.22	.....	2.18	0	8	12	8	11	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	51.4	+ 8.0	74	11	27	1	44	8.04	+2.72	3.40	0	11	11	5	15	sw.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	31	47.6[c]	+ 9.0	72	18	24[f]	1	37[f]	7.55	+3.17	2.00	0	10	10	10	11	s.	Benedictine Sisters.
Portland	Ashley	122	17	53.6	+ 6.2	80	14	30	1†	49	3.34	−1.29	0.80	0.1	10	14	6	11	sw.	W. E. Edmiston.
Prescott	Nevada	329	41	52.2	+ 7.9	78	10	27	1	44	7.40	+3.00	2.92	0	14	15	6	12	w.	O. J. Stephenson.
Princeton	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	7.87	+3.07	4.50	0	8	13	2	16	.....	Foote Coleman.
Rison	Cleveland	243	19	51.0	+ 7.5	72	11†	26	3	38	7.78	+1.92	2.34	0	8	12	4	15	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	46.0	+ 9.2	67	11†	20	3	39	4.35	+1.67	2.83	0	6	13	6	12	s.	Carl A. Starck.
Searcy	White	236	10	44.6	+ 4.2	60	6	25	1	26	7.30	+3.12	2.25	0	9	19	3	9	sw.	J. E. Lightle.
Snow Lake	Arkansas	185	2	51.8	.....	72	11†	26	4	43	4.11	.....	1.26	0	7	16	3	12	s.	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	6.33	+2.92	1.76	0	8	14	2	15	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	49.8	+ 6.8	70	11†	26	1	35	6.64	+1.51	2.15	0	10	13	8	10	sw.	H. A. Buerkle.
Subiaco	Logan	1050	26	50.2	+ 8.5	70	10†	29	1†	38	3.01	−0.27	0.70	0	8	18	3	10	ne.	New Subiaco Abbey
Texarkana	Miller	332	41	54.6	+ 8.0	75	30	29	3†	41	9.71	+6.62	3.06	0	10	17	3	11	n.	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	5.20	.....	2.15	2.0	9	14	4	13	sw.	Dr. Cheves. Bevil
Warren	Bradley	206	28	52.8	+ 8.0	75	13	29	1	36	3.50	−1.26	1.00	0	7	13	6	12	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	9.15	+6.18	3.85	0	6	8	3	20	.....	Miss Eulela M. Schirm
Wynne	Cross	250	15	48.2	+ 8.2	66	11	26	1	33	5.96	+0.55	1.53	0	12	12	5	14	n.	E. O. Allen.
State Means and Extremes				48.6	+ 7.7	80	14	15	23	49	5.78	+1.55	4.50	1.6	9	14	5	12	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determin section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randol La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1; Judsonia, Ark.

Daily Precipitation for January, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita														.47	.22						3.00	.38	.31			.26	.42		2.00	1.47		8.53
Arkadelphia	Ouachita														.30		.15			.15	1.15	1.10	.20				.20	.65	.20	2.00	.25	6.35
Arkansas City	Mississippi			.05												.04				.30	.95	.70	.85	.40	.54				.10		.20	.08	4.21
Arlberg	White														.40						2.00			.30			.40		.20	.20	.70	4.20
Batesville	White														.35	T.					.24	1.07	.10	.42	.12		.30	.34	.02	.71	.55	4.22
Bee Branch	Arkansas														.45						.60	1.90	.10	.20			T.	.75		.35	.90		5.25
Bentonville	Arkansas														.69						.77	.01		T.			.10	.35		.23	.14	3.20	5.49
Black Rock	White														.04	.45					.20	2.70	.05	.38	.10			.15	.21		.52	2.01	6.81
Booneville	Arkansas		T.											T.	.58						.22	.08	.02				T.	.57		.60	.12	.08	1.75
Brinkley	White														.53						.21	2.23		1.36				1.02	1.10	.25			6.75
Calico Rock	White			.03											.09	.16				.81	.17	1.87		.34				.20	.14		.12	.81	4.18
Camden	Ouachita			T.				.02								.45					.60	1.19	1.09	.15				.09	.38	.01	.58	.02	5.20
Clarendon	White																				.02	.92	.59	.70	.05			.22	.32		1.56	.40	5.25
Clinton	White																				.53	1.53	T.	T.			.28	.44		.33	.54	.05	3.70
Conway	Arkansas														.51						.07	1.96		.44			.16	.67		.70	1.29	.04	5.84
Corning	White														.66						1.56	2.15		.20				.32		.06	.72	1.21	6.88
Dam No. 1	White														.70	T.					.27	1.77	.36	.45	.15		1.05		.45	1.68		.20	7.08
Danville	Arkansas														2.20							1.20	.10					1.10		T.	1.10	T.	5.70
Dardanelle	Arkansas														.47							1.34		.15				.51	.15		1.35		3.97
Dodd City	White														.16						1.90						.10	.25		.11	1.95		4.47
Dumas	Arkansas		.78					.01						T.	.40				T.	.38	.05	.90	.19	.40	.03		.05	.58	.02	.20	.20	.03	4.22
Dutton	White														.27						1.94	.96					.20	.30		.54	.86	1.86	6.93
El Dorado	Ouachita		.40											.05	.43					.10	.60	.10	1.00	.28				.04	.45		.15	.12	3.70
England	Arkansas														.73						.05	1.82	.18	.74			.11	*	*	1.12	1.60	.13	6.23
Eureka Springs	White														.35						.78	.15		.10			.15	.33		.32	T.	3.40	5.96
Evening Shade	White														.15						.73	2.00		.22			.12	.28		.05			3.75
Fayetteville	White														.01					.05	.60	T.	.01	.01	.06		.04	.36		.36	.71	1.56	3.62
Fort Smith	Arkansas		T.												.20					1.53	.45	.01	.01	.06			.12			.40	.20	2.30	3.77
Fulton	Red													.10	.40	.30					.05	3.05	1.17	.25			T.	T.		T.	2.45		8.65
Georgetown	White														.19					.32	.10	.82	.30	.77	.03		.65	.53			1.80	.10	5.90
Grannis	Red														.58						.04	2.10	.50	.39			.25	.65		1 15	1.55	.45	7.59
Gravette	Arkansas														.71						.77	.23					.06	.17	.20		.07	3.47	5.55
Heber Springs	White															.66					.66	1.83	.02	.43				.93		.81	1.09	.05	6.53
Helena	Mississippi			.04										.41							.04	.82	.56	.38	.16			.10	.40		2.62	.56	6.34
Higden	White														.31					1.39	.60	1.55	.27	.22			.07	.75		.42	.57	.08	4.94
Hope	Red		.18												.24							3.30	.41	.26		.03	.19			2.00	1.48		9.55
Hot Springs	Ouachita														.40					.50	.14	3.55	.41	.14			.19	.41		.93	1.87	.03	7.91
Huttig	Ouachita																					.31	1.00	.30				.15		.10		.10	2.86
Jonesboro	White													.20	.85						.53	2.11	.01	.65	.06		.11	.51	.01	.12	.94	.22	6.32
Junction	Ouachita		.69												.50					.38		T.	.36					.47		T.	.21		2.61
Lincoln	Arkansas													.12							1.25						.63	*	*	2.90		4.90
Little Rock	Arkansas		T.											T.	.24					.05	.79	2.25	.15	.34			.35	.43		1.57	1.25	T.	7.42
Lutherville	Arkansas														.05						.56	.50		.22			.13	.35		.30	.50	.40	3.01
Magnolia	Red														.45					1.20		.90	.30	.14			.03	.30		.25	.33		3.90
Mammoth Spring	White														.60						1.50	1.11		.28			.59	.34		.13	.28	.99	5.82
Marianna	Mississippi		.09												.58							.90	.04	.72				.39		.42	1.48		4 62
Marked Tree	Mississippi		T.												.27	1.25					.08	2.10	1.10	.28	.12			.42	.53	.80	.42		7.37
Marshall	White														.24						.47	1.45	.10	.08			.16	.12		.24		.44	3.30
Mena	Ouachita														.55						.06	.50	.70	.21			T.	.62	.10	.01	1.14	.07	3 96
Morrillton	Arkansas														.95						.25	1.46	.06	.37			.08	1.46		.71	1.28		6.62
Mountain Home	White													.55			1.80	.65									.35	.20			.08	1.12	
Mount Ida	Ouachita														.29							2.60	.30	T.				.71		1.10	1.45	.13	6.58
Murfreesboro	Ouachita													.60								2.13	1.87	.30						.47	3 47	.71	9.55
Nail	White														.25						1.75	1.70		.10			.25	.22		.35	.05	2.00	6.67
Newport	White														.51						.08	2.11	.29	.61	.08		1.30	.31	.06	1.08	1.04	7.47
Osceola	Mississippi													.05	1.10						.55	2.75		.80			.43	.81		.20	.97		7.66
Ozark	Arkansas							T.													1.19	.28		T.						1.08		1.25	3.80
Patterson	White														.86							1.85	.32	.80				.80	.38		1.52		6.53
Pindall	White														.23						2.18			.15			.17	.13		.30	.08	1.98	5.22
Pine Bluff	Arkansas			T.													.37			.03	.06	1.45	.45	.75				.10	.73	.03	3.40	.67	8.04
Pocahontas	White														.55						1.20	2.00		.40	.45		.10	.35		.35	.65	1.50	7.55
Portland	Ouachita		.19												.31						.80	.05	.77	.60	.20			.32	.02		.08		3.34
Prescott	Ouachita			.06										T.	.18	.11					.82	.11	1.60	.98	.15		.10	.08	.09	.05	2.92	.15	7.40
Princeton	Ouachita														.50						.62		1.10	.25				.25		.15	4.50	.50	7.87
Rison	Ouachita														.50						.80		1.35	.15	.72				1.53		2.34	.39		7.78
Rogers	Arkansas														.03							.72					.08	.31		.38		2.83	4.35
Searcy	Red														.85						.25	2.25		.20			.10	1.30		.65	1.45	.25	7.30
Snow Lake	Mississippi		.14												.49					.38		1.26	.74				.53				.57		4.11
Springbank	Red															.29					1.40	.46	1.40	1.76	.46		T.	.25	T.	T.	.25	T.	6.33
Stuttgart	Arkansas													T.	.66	.35						T.	1.57	.05	.82		.05	.60	.02	.60	2.15	.12	6.64
Subiaco	Arkansas														T.						.70	.50	.32		.05		.04	.54		.57	.29		3.01
Texarkana	Red		.07												.11						1.65		3.06	.55	.42		.05	.20		2 03	1.57		9.71
Waldron	Arkansas																				.34	.29	.43	.04	.19		T.	.94		1.15	1.00	T.	5.20
Warren	Ouachita		.10												T.						1.00	T.	.70	.40	.60		T.	.50	T.	.20	T.		3.50
Whitecliffs	Red																					2.00	1.40	.30							1.00	3.85		9.15
Wynne	Mississippi			.02					T.						.30	.40					.08	1.53	.28	.72	.11			.45	.53		1.45	.09	5.96

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for January, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.0	4.6	4.4	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.6	3.6	3.6	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.6	3.5	3.4	3.4	3.4	4.6	4.8	5.1
Dardanelle	do	20	6.5	5.5	5.0	4.2	3.8	3.2	2.9	2.5	2.5	2.3	2.2	2.0	1.9	1.7	1.7	1.6	1.6	1.5	1.4	1.4	2.0	4.5	4.3	3.6	3.1	2.8	2.7	2.8	2.8	4.1	4.0
Little Rock	do	23	4.4	5.9	5.5	5.6	4.0	3.4	2.6	2.3	1.9	1.5	1.1	1.1	1.0	0.9	0.9	1.2	1.0	1.0	0.9	0.8	1.0	2.0	4.2	5.5	4.8	4.0	3.4	3.6	5.0	6.0	7.1
Pine Bluff	do	25	7.8	7.8	9.5	8.9	8.1	7.4	6.9	6.4	6.1	5.8	5.5	5.3	5.1	4.9	4.8	4.7	5.0	4.9	4.8	4.6	4.6	4.8	5.9	7.6	8.9	8.5	7.1	7.1	7.2	8.9	10.2
Black Rock	Black	14	7.0	7.2	7.3	7.5	7.5	6.0	5.8	5.6	5.2	5.0	5.0	4.9	4.9	4.6	5.0	5.0	4.3	4.0	3.8	4.0	10.0	16.5	16.7	15.7	15.2	14.7	14.0	13.8	13.7	13.9	16.0
Calico Rock	White	18	7.9	6.4	4 9	4.2	4.0	3.6	2.9	2.3	2.0	1.8	1.5	1.4	1.5	1.4	1.3	1.2	0.7	1.0	1.2	1.2	8.4	9.0	7.7	6.4	6.4	5.7	4.9	4.4	4.2	4.4	4.5
Batesville	do	23	14.5	13.7	11.8	11.6	9.9	9.7	9.2	8.4	8.2	8.0	7.3	7.0	6.9	6.9	6.6	6.5	6.4	5.9	6.0	6.2	8.7	16.4	16.0	13.9	12.6	12.6	11.5	10.8	10.4	10.3	10.6
Newport	do	26	8.3	11.1	12.9	13.1	12.8	12.4	10.6	8.4	8.1	8.0	7 8	7.4	7.2	7.2	7.1	7.0	7.0	6.9	6.5	6.2	6.2	7.7	16.0	17.8	17.4	16.6	16.1	16.1	16.9	16.5	16.1
Georgetown	do	22	11.0	13.6	14.6	14.5	13.9	13.0	12.3	11.4	10.5	9.4	8.5	7.5	6.8	6.5	6.0	5.7	5.7	5.4	5.1	4.8	4.8	7.8	14.5	17.0	17.6	17.8	18 0	18.8	19 0	19.6	19 8
Clarendon	do	30	13.5	15.4	16.9	17.9	18.6	19.0	19.2	19.2	18.9	18.5	17.9	17.1	16.3	15.6	15.0	14.6	14.3	14.0	13.7	13.5	13.3	13.9	15.5	17.9	19.5	20.5	21.3	22.0	22.5	23.3	24.1
Helena	Mississippi	42	17.8	16.5	15.4	14.5	14.1	13.9	13.8	13.8	13.8	14.0	14.3	14.8	15.2	15.5	15.6	15.5	15.3	14.9	14.5	14.2	14.0	14.0	14.7	15.6	17.5	19.5	21.6	23.9	25.9	27.9	29.4
Arkansas City	do	42	23.4	22.0	21.2	20.4	19.7	19.2	19.0	18.9	18.8	18 8	18.8	18.9	19.0	19.1	19.3	19.4	19.4	19.2	19.0	18 6	18.2	18.0	17.8	17.8	18.3	21.0	23.4	25.2	27.5	29.5	31.2
Camden	Ouachita	49	7.3	7.4	7.6	7.6	7.9	7.9	7.9	7.8	7.5	7.1	6.9	6.8	6.7	6.6	6 3	6.1	6.0	5 9	5.9	6.0	6.3	6.6	15.0	20.7	23.3	22.4	20.8	18.1	16.3	16.5	20.0
Danville	Petit Jean	20	12.4	12.7	10.6	9.5	8.1	7.2	6.0	4.6	4.0	3.8	3.6	3.3	3.1	5.6	7.6	7.0	6 5	6.0	5.4	5.0	6.0	5.4	5.0	4.6	4.2	3.9	5.5	5.3	10.0	13.8	18.0
Fulton	Red	28	6.7	7.1	8.1	8.2	8.2	7.9	7.6	7.5	7.4	7.0	6.9	6.8	6.7	6.5	6.5	6.5	6.5	6.5	6.9	6.9	7.5	10.0	12.0	13.2	13.5	13.1	12.2	11.0	10.1	12.3	14.5
Arkadelphia	Ouachita	18	3.8	3.7	3.3	2.9	2.5	2.0	1.7	1.2	1.1	0.9	0.8	0.6	0.2	0.2	0.2	0.3	0.2	0.6	0.8	0.9	1.0	10.7	10.9	6.8	5.5	4.5	4.0	4 5	4.9	10.4	17.0
Patterson	Cache	9	4.7	4.5	4.6	4.9	5.3	5.7	6.5	6.9	7.4	7.8	8.1	8.2	8.2	8.3	8.1	8.0	7.8	7.5	7.3	7.0	6.8	7.7	8.1	8.3	8.4	8.4	8 5	8.7	9.1	9.7	10.2

Daily Temperatures for January, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	....	....	....	....	....	....	....	....	....	....	69	63	71	68	63	69	65	62	59	66	66	44	40	59	62	57	64	59	52	59	65	61.0
	Minimum	....	....	....	....	....	....	....	....	....	....	34	33	44	56	25	24	25	52	49	46	43	35	31	28	28	50	54	40	46	43	57	40.1
Batesville §§	Maximum	52	54	53	63	61	45	66	63	54	64	66	66	64	59	58	63	62	67	59	63	46	39	35	55	56	60	58	50	46	52	63	56.8
	Minimum	21	25	29	29	25	25	28	28	28	25	26	29	29	42	25	25	25	27	30	30	46	35	30	29	26	27	50	36	37	40	46	30.7
Bee Branch	Maximum	51	57	49	57	59	60	59	65	64	59	61	63	59	74	56	64	60	59	58	60	60	43	42	48	56	56	68	58	50	54	65	57.5
	Minimum	21	33	24	28	27	28	25	29	38	27	34	35	36	45	25	36	29	29	29	43	37	31	27	27	26	44	46	31	36	40	49	32.7
Bentonville	Maximum	52	50	50	56	57	48	61	66	51	62	67	60	61	64	52	60	62	66	60	59	52	37	33	52	61	58	56	48	45	61	59	55.7
	Minimum	28	29	23	35	27	26	37	36	34	33	46	31	40	34	28	33	36	42	32	49	37	29	29	28	33	54	33	25	38	45	56	35.0
Booneville	Maximum	49	54	58	59	62	54	61	67	67	67	68	63	65	67	59	61	64	68	65	63	63	45	38	51	60	60	62	55	48	64	65	59.7
	Minimum	30	33	30	39	37	27	33	40	42	39	53	40	49	49	35	36	37	56	45	49	43	36	28	32	35	53	54	36	40	44	58	40.6
Brinkley	Maximum	56	56	51	65	63	61	64	65	60	67	69	64	70	65	62	67	64	68	64	67	67	43	42	52	59	50	62	57	58	65	65	60.9
	Minimum	26	39	30	29	33	33	33	32	43	35	46	40	42	54	33	33	37	60	45	51	43	36	32	33	30	47	50	39	48	58	64	40.5
Calico Rock §§	Maximum	53	51	51	63	62	45	67	67	54	66	74	66	66	56	58	64	64	72	60	61	46	40	35	54	58	59	59	51	48	61	68	58.0
	Minimum	24	25	28	28	25	27	29	29	29	25	27	26	28	44	26	25	26	30	28	28	45	34	31	30	27	27	52	34	35	41	45	30.9
Camden §§	Maximum	52	57	59	56	55	58	69	71	56	68	73	54	74	66	63	68	67	68	58	71	58	40	37	57	64	65	63	54	54	75	71	61.3
	Minimum	27	30	26	28	28	35	34	30	31	28	29	39	45	52	28	25	25	28	48	47	57	35	33	32	30	31	52	42	41	46	54	36.0
Conway	Maximum	53	55	51	61	64	59	63	68	60	67	67	65	64	66	58	64	66	67	61	66	67	41	40	51	61	56	59	58	48	55	65	59.6
	Minimum	24	39	30	27	29	30	28	29	39	29	41	30	39	52	31	27	29	51	39	49	40	36	29	31	29	47	51	38	42	45	53	36.5
Corning	Maximum	48	54	47	61	59	57	62	62	57	60	65	63	55	60	57	60	56	70	64	59	59	42	38	47	52	57	57	55	46	54	66	56.4
	Minimum	25	36	30	31	29	31	29	28	33	30	41	32	39	46	29	33	29	50	30	43	39	30	29	30	28	44	48	34	36	40	49	34.6
Dardanelle	Maximum	57	60	61	62	65	65	64	71	68	64	66	70	62	67	61	64	67	69	64	66	56	54	42	52	60	62	61	56	61	63	66	62.1
	Minimum	27	28	27	30	32	30	30	33	41	31	32	35	43	54	33	31	33	52	44	45	38	38	32	31	33	38	36	32	36	38	40	35.6
Dodd City	Maximum	48	48	47	55	58	58	59	68	64	53	69	59	56	62	54	59	64	69	60	56	57	44	35	52	59	57	58	59	46	62	66	56.8
	Minimum	22	32	22	28	28	26	29	29	35	26	31	26	32	40	23	27	32	53	26	41	38	29	27	24	28	43	49	27	30	41	42	31.8
Dumas	Maximum	60	57	52	67	65	60	70	70	60	70	72	68	74	65	60	66	68	70	64	70	68	46	38	52	62	68	68	58	55	68	70	63.1
	Minimum	27	40	30	32	33	35	37	34	43	31	42	33	45	50	30	29	30	52	48	50	45	35	34	35	30	45	56	43	46	46	55	39.4
Dutton	Maximum	57	46	50	57	61	46	60	63	59	64	65	62	55	61	53	61	60	66	59	57	58	43	34	43	55	53	57	50	43	59	59	55.4
	Minimum	20	34	19	26	23	24	28	26	35	25	35	23	31	34	19	22	25	49	26	44	42	33	27	22	26	48	49	26	35	42	54	31.3
El Dorado	Maximum	54	62	58	58	66	64	60	66	73	64	68	72	65	75	66	61	68	67	68	70	71	67	67	67	59	64	66	69	54	59	71	64.2
	Minimum	31	31	31	34	34	27	27	39	37	33	34	34	47	48	33	31	32	37	49	53	56	35	33	32	33	36	51	46	46	47	58	38.5
England	Maximum	57	55	55	65	64	59	65	70	65	78	72	65	71	63	61	68	67	66	62	68	64	44	38	54	60	56	....	....	....	54	66	61.7
	Minimum	27	40	38	33	33	32	33	34	42	32	46	38	45	54	34	30	34	52	45	48	40	36	32	34	32	45	....	....	40	45	54	38.9
Eureka Springs	Maximum	54	50	52	59	58	50	62	67	61	66	68	66	63	64	56	65	63	68	63	58	58	48	35	56	63	59	58	50	48	64	59	58.4
	Minimum	26	28	23	37	35	26	36	39	34	36	51	36	42	39	31	38	39	51	33	48	39	29	27	28	32	51	40	26	36	43	55	36.6
Fayetteville	Maximum	51	50	50	64	62	58	63	65	63	64	66	61	60	61	60	63	61	64	66	58	58	48	35	57	59	58	56	48	50	60	60	58.0
	Minimum	26	26	24	32	30	27	36	35	33	38	49	31	45	40	41	38	37	36	35	48	41	32	28	30	32	52	44	30	32	45	56	36.5
Fort Smith	Maximum	60	54	51	61	61	46	67	68	55	65	66	62	68	67	60	63	67	70	58	61	58	45	41	54	65	60	60	48	46	58	66	59.1
	Minimum	31	33	30	33	30	29	35	37	39	32	42	43	47	40	33	30	37	53	42	47	45	36	33	31	36	53	41	36	42	46	55	38.6
Grannis	Maximum	59	54	56	65	62	55	65	65	67	65	66	66	68	65	62	65	64	63	58	63	63	62	38	53	60	58	63	63	47	59	63	60.7
	Minimum	28	40	25	28	33	29	31	35	39	33	35	50	46	48	30	34	31	46	45	44	45	33	26	27	34	48	48	39	40	43	57	37.7
Gravette	Maximum	53	51	57	59	57	57	67	67	62	63	68	61	60	63	54	60	62	66	60	59	59	46	36	52	62	59	57	47	47	59	59	57.7
	Minimum	23	31	17	25	23	21	29	27	25	24	42	25	34	39	22	25	33	51	30	49	41	31	28	22	28	53	40	22	35	45	55	32.1
Hope	Maximum	64	63	61	65	67	62	74	70	66	71	70	71	75	71	63	68	67	68	63	70	66	51	40	....	57	63	66	61	53	66	70	64.7
	Minimum	27	36	30	29	37	29	33	36	39	36	43	44	48	57	48	29	30	51	47	48	51	35	31	....	29	51	59	41	45	45	57	40.7
Hot Springs	Maximum	57	56	55	65	63	60	62	60	62	57	61	60	65	67	59	68	65	62	61	62	62	42	39	48	62	58	58	49	60	65	59.0
	Minimum	28	39	32	34	32	30	33	36	45	48	43	41	46	57	30	32	33	52	46	47	41	34	31	30	31	48	48	36	42	44	56	39.5
Huttig	Maximum	65	63	65	68	67	64	75	74	74	71	76	75	75	76	66	....	....	....	76	73	71	62	44	57	65	68	73	61	56	72	71	65.6
	Minimum	28	31	33	27	32	41	39	34	46	31	37	50	43	44	33	....	....	....	28	51	61	36	34	35	30	46	59	49	48	53	58	39.2
Jonesboro	Maximum	51	56	47	62	62	58	61	63	55	61	66	61	51	63	59	61	60	66	68	63	62	40	37	49	56	62	68	56	44	50	67	57.6
	Minimum	26	40	30	30	31	34	32	32	42	33	38	40	35	49	33	36	33	51	38	48	39	33	31	32	31	45	49	36	38	42	49	37.3
Junction	Maximum	65	63	66	63	67	68	67	66	67	70	72	73	77	73	66	67	69	71	67	62	66	55	40	46	54	61	64	62	67	71	72	65.1
	Minimum	26	37	41	28	32	34	38	35	36	37	50	60	56	52	29	25	29	51	49	41	53	38	31	30	39	44	48	47	52	58	58	41.5
Little Rock	Maximum	55	54	53	63	63	49	67	67	61	68	66	62	66	65	59	65	65	59	58	66	58	40	36	53	60	59	62	52	46	56	66	58.8
	Minimum	32	38	33	35	38	32	34	39	44	34	46	47	47	46	37	37	38	53	47	48	39	34	31	33	34	49	52	40	43	44	54	40.6
Lutherville	Maximum	50	51	48	57	60	56	60	65	58	61	63	62	59	64	56	59	65	66	63	59	59	46	36	52	62	59	57	47	47	59	59	57.7
	Minimum	29	33	29	34	37	28	32	36	41	35	43	43	43	50	29	33	38	51	41	44	44	34	29	30	34	49	51	32	40	43	53	38.3
Magnolia	Maximum	54	54	51	55	65	65	65	65	65	65	66	67	68	68	60	61	62	69	69	70	70	50	39	61	64	63	63	50	50	70	70	62.1
	Minimum	31	46	30	35	43	35	40	42	43	42	45	46	46	....	....	....	....	53	49	50	....	35	33	31	33	50	60	44	46	49	59	42.9
Marianna	Maximum	59	51	49	62	63	61	62	64	57	63	69	64	62	64	63	64	60	66	60	60	64	65	46	51	56	58	60	66	58	60	65	60.8
	Minimum	27	38	31	31	31	36	35	33	43	33	39	40	36	44	38	32	35	50	47	47	48	38	33	32	28	44	47	53	40	46	57	39.2
Mammoth Spring	Maximum	50	50	51	63	57	57	55	58	52	58	51	46	50	55	52	51	54	54	54	58	58	45	38	48	50	51	56	56	42	56	61	52.8
	Minimum	22	36	30	26	25	29	27	26	38	24	30	28	27	39	25	24	27	49	26	42	41	31	30	29	26	42	50	33	38	42	51	32.7
Marked Tree §§	Maximum	52	41	62	61	49	62	63	55	61	67	63	63	60	58	61	59	61	59	64	65	60	40	35	49	54	57	57	49	51	59	69	57.6
	Minimum	26	20	30	29	30	33	31	33	29	32	35	34	41	31	31	32	35	40	40	45	34	32	33	29	31	44	38	39	40	49	57	34.9
Marshall	Maximum	49	47	59	59	59	57	63	64	59	63	68	63	61	61	55	61	64	66	65	66	60	54	50	51	56	56	60	56	47	66	67	59.1
	Minimum	28	39	28	30	32	30	38	38	39	38	51	38	46	46	32	37	40	45	40	42	40	30	28	28	34	50	52	32	40	44	56	38.4
Mena	Maximum	57	56	56	64	61	54	66	70	60	68	65	61	68	57	61	63	63	64	61	61	59	49	41	53	53	60	61	54	46	57	64	59.1
	Minimum	25	36	26	37	35	25	32	36	40	33	43	41	33	33	31	33	41	50	46	46	41	33	28	27	32	50	54	35	40	43	57	37.5
Morrillton	Maximum	53	53	50	60	62	61	63	68	63	64	67	63	62	66	58	62	64	65	61	65	64	44	40	49	67	67	58	58	50	53	65	59.5
	Minimum	28	42	32	31	31	32	30	33	41	31	46	34	42	58	36	34	33	54	42	48	41	37	32	33	32	49	51	39	42	44	51	38.8
Mt. Home	Maximum	51	48	51	61	60	53	63	69	61	63	73	57	63	58	66	....	....	....	....	....	....	....	....	....	....	68	59	57	48	61	67	59.9
	Minimum	21	36	23	28	26	27	28	27	35	36	37	35	40	25	31	....	....	....	....	....	....	....	....	....	....	47	47	28	34	40	47	33.2
Mount Ida	Maximum	58	52	58	65	56	55	61	64	64	61	68	61	67	67	54	69	65	63	63	65	65	42	39	49	56	56	62	58	50	59	65	59.3
	Minimum	20	....	22	24	23	26	25	27	41	23	36	25	42	50	24	22	22	53	39	46	42	35	29	26	26	54	53	49	42	44	55	34.8
Nail	Maximum	45	43	50	58	50	48	58	60	55	59	65	63	59	58	57	62	56	65	55	55	55	39	30	51	53	50	54	56	41	54	57	53.4
	Minimum	26	32	25	26	22	24	32	34	33	35	38	37	36	35	32	38	35	37	33	42	35	26	23	27	34	34	40	29	35	40	52	33.1
Newport	Maximum	51	54	47	53	62	60	64	67	62	61	66	63	56	64	58	62	61	65	63	64	64	41	39	49	55	57	60	57	46	51	66	57.7
	Minimum	27	41	30	29	31	35	34	42	34	32	41	37	39	50	31	31	31	52	39	48	40	35	31	31	30	46	51	37	41	43	49	37.7
Osceola	Maximum	56	53	50	62	60	58	56	58	63	56	65	63	60	63	60	62	60	65	60	63	60	63	45	41	51	53	59	60	61	49	52	58.4
	Minimum	42	45	33	35	40	41	43	42	44	50	42	44	47	49	34	35	36	38	52	55	32	35	31	33	31	42	50	37	39	43	47	40.9
Ozark	Maximum	53	56	44	59	62	63	66	65	62	54	56	60	66	65	....	....	....	....	70	73	60	59	49	40	44	50	62	61	59	64	66	62.5
	Minimum	30	28	26	28	31	30	30	33	40	29	28	30	32	28	....	....	....	27	29	47	39	38	24	29	28	29	29	34	47	45	48	32.7
Pine Bluff	Maximum	60	55	57	67	65	63	66	72	63	73	74	65	72	66	65	69	68	66	61	70	67	44	39	56	64	64	65	62	52	64	69	63.3
	Minimum	27	43	29	34	31	34	34	33	43	29	46	35	45	52	35	30	31	52	50	51	44	36	32	34	29	49	56	41	44	42	57	39.6
Pocahontas	Maximum	51	55	49	64	60	58	66	63	58	66	69	67	60	62	60	65	61	72	66	58	56	42	37	51	55	55	57	55	46	58	65	58.1
	Minimum	24	34	30	32	28	33	29	28	41	52	55	53	42	....	....	....	....	....	....	....	44	40	31	30	31	28	35	50	32	37	42	50	37.2
Portland	Maximum	64	53	56	56	60	70	68	78	64	79	77	79	66	80	64	78	70	65	69	69	69	58	41	44	55	66	66	61	54	69	71	65.3
	Minimum	30	37	31	31	37	40	43	36	49	30	41	47	46	57	33	30	32	50	50	50	57	34	34	37	32	43	57	49	46	53	59	42.0
Prescott	Maximum	62	59	57	64	66	65	65	71	67	78	72	69	73	70	62	67	66	66	63	70	69	47	40	56	65	62	65	61	53	64	69	64.0
	Minimum	27	44	30	30	33	32	35	34	41	34	45	41	49	58	31	30	30	52	49	49	46	35	32	31	33	51	59	42	44	46	57	40.4
Rison	Maximum	60	54	56	65	64	62	66	70	70	69	72	66	72	68	66	68	66	66	61	70	68	46	40	56	62	65	66	59	53	67	69	63.3
	Minimum	27	41	26	34	37	32	36	33	32	33	44	40	47	54	30	31	32	50	44	48	44	33	30	31	31	42	54	40	43	45	58	38.8
Rogers	Maximum	55	50	51	58	58	50	61	66	61	64	67	62	65	64	54	61	63	67	62	59	58	46	35	54	64	58	56	48	49	58	60	57.7
	Minimum	24	32	26	35	25	27	32	31	34	33	47	27	36	41	22	25	28	53	29	49	40	31	29	26	25	53	43	25	36	45	56	34.2
Searcy	Maximum	51	46	45	51	56	60	55	55	53	57	55	53	55	53	48	50	58	56	54	56	56	46	40	48	49	54	58	55	53	53	52	52.9
	Minimum	25	35	28	29	34	39	34	32	42	38	30	38	38	43	28	30	35	34	38	38	40	35	28	35	37	44	42	41	36	45	52	36.2
Snow Lake	Maximum	64	67	60	63	63	67	68	66	69	68	72	64	72	68	65	62	64	62	66	64	64	57	52	58	65	63	65	64	65	68	70	64.7
	Minimum	39	38	37	26	32	35	32	38	40	37	29	42	50	38	34	28	39	47	49	42	39	33	28	38	48	46	45	44	45	44	46	39.6
Stuttgart	Maximum	55	54	50	62	64	59	66	66	59	65	70	62	70	64	59	65	64	65	61	68	66	43	38	51	59	61	64	58	50	60	66	60.0
	Minimum	26	39	28	32	35	33	35	33	49	31	43	36	44	54	30	30	35	49	46	51	42	36	32	33	32	45	57	41	43	46	58	39.3
Subiaco	Maximum	58	56	56	64	65	50	65	67	61	70	70	64	64	68	62	63	69	70	64	65	64	45	39	56	67	61	59	63	49	60	69	61.4
	Minimum	29	39	31	30	35	29	31	36	40	37	40	41	45	50	35	36	31	56	41	46	45	37	31	32	32	51	53	38	41	44	53	39.3
Texarkana	Maximum	61	62	62	72	68	63	73	74	64	72	74	68	73	70	66	70	69	73	70	72	74	57	38	60	65	61	63	60	53	75	73	66.3
	Minimum	32	42	29	38	40	32	38	36	46	33	47	46	52	58	32	29	32	62	49	53	54	37	32	30	39	52	60	42	45	48	61	42.2
Warren	Maximum	61	55	58	66	65	60	72	72	65	70	72	67	75	69	63	69	68	69	64	72	68	47	39	57	63	68	66	58	54	69	69	64.0
	Minimum	29	39	32	33	36	31	39	36	47	34	45	42	47	53	33	33	33	51	48	49	47	36	34	34	33	47	57	44	48	49	60	41.1
Wynne	Maximum	56	53	48	63	62	58	62	63	56	63	66	63	65	62	58	56	62	65	60	65	60	42	42	50	56	53	59	56	51	56	65	57.3
	Minimum	26	39	28	32	33	35	35	32	43	31	43	32	43	52	29	28	29	49	44	53	40	36	32	33	31	44	53	47	38	45	55	38.8

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day on which it almost always occurs.

51.83
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., FEBRUARY, 1923. No. 2.

GENERAL SUMMARY.

The month opened unseasonably warm and temperatures 10° to 25° above the seasonal average prevailed until the afternoon and night of the 3d when a cold wave overspread the State giving temperatures of 5° to 10° in the northern and northwestern counties and 18° to 20° in the southern, this being the coldest weather of the month. The cold spell was of short duration and the temperature was near normal by the 8th, but the month as a whole averaged slightly below normal, this being the first monthly mean below normal since March, 1922. The heavy rains of the latter days of January continued into February resulting in moderately high water in most rivers of the State, flood stages being reached on the White, Black, Ouachita, Petit Jean, St. Francis, and Cache. Practically all the precipitation for the month occurred from the 1st to the 13th and from the 24th to the 27th. Snow fell in most sections of the State during the first 5 days of the month, the heavier amounts occurring in southeastern counties where 7 to 7.5 inches were measured. At the close of the month farm work was further advanced than usual at this season of the year. Oats were being sown and some potatoes, truck and gardens had been planted. The cool weather checked fruit development and the crop was still uninjured.

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TEMPERATURE.

The mean temperature for the month of February, as determined from the records of 51 stations, was 41.9° which is 0.3° below normal. Positive departures occurred at a number of stations in the southern half of the State and at a few in the northeastern and northwestern counties, negative elsewhere. The highest monthly mean was 49.2° at Texarkana, the lowest, 34.8° at Nail. The highest temperature recorded was 80° at several stations on the 1st and 2d, the lowest, 5° at Nail on the 4th. The greatest daily range was 56° at Dodd City on the 3d.

PRECIPITATION.

The average precipitation, as determined from the records of 74 stations, was 4.66 inches which is 1.38 inches above normal. Positive departures were recorded throughout central and southern sections with negative confined principally to northeastern and northwestern counties. Monthly totals ranged from .21 inches at Grannis to 1.66 inches at Bentonville. A measurable amount of snow was reported at 48 stations averaging about 3 inches. The average number of rainy days was 8.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a.m.	7 p.m.	Percentage of sunshine.
Bentonville..	30.24	30.86	15	29.63	13	3,931	21	nw.	13	.....	.....	47
Fort Smith...	30.24	30.82	15	29.69	13	5,417	42	w.	2	74	62	41
Little Rock	30.24	30.85	15	29.73	13	5,489	34	w.	28	78	68	48
Memphis....	30.26	30.86	15	29.77	26	6,239	36	nw.	13	75	66	46

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:— 1st, 3; 2d, 12; 7th, 1; 12th, 11; 16th, 1; 19th, 1; 25th, 3; 26th, 2.

Dense Fog:—1st, 2; 8th, 1; 9th, 1; 10th, 1; 12th, 3; 26th, 6; 27th, 2.

Lunar Halos:— 5th, 1; 22d, 1; 23d, 2; 28th, 1.

Solar Halos:— 14th, 1; 19th, 1.

Glaze:— 9th, 1.

COMPARATIVE DATA FOR ARKANSAS---- FEBRUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Means and Extremes.	42.2		93	−29	3.28		11	7	10	7
1891.....	46.5	−4.3	80	6	2.92	−0.36	10	9	9	8
1892.....	49.0	−6.8	85	18	3.47	+0.19	11	9	9	8
1893.....	42.4	−0.2	74	2	4.05	+0.77	9	6	13	8
1894.....	40.5	−1.7	75	0	6.32	+3.04	8	7	13	9
1895.....	33.5	−8.7	78	−17	0.71	−2.57	10	7	11	3
1896.....	45.2	+3.0	79	11	3.30	+0.02	15	6	8	7
1897.....	46.6	+4.4	89	8	2.59	−0.69	10	7	11	6
1898.....	45.8	+3.6	83	7	2.08	−1.20	15	5	8	5
1899.....	31.8	−10.4	76	−25	2.18	−1.10	12	6	10	6
1900.....	39.7	−2.5	74	− 5	5.06	+1.78	9	7	12	9
1901.....	40.8	−1.4	79	10	2.18	−1.10	10	7	11	6
1902.....	35.0	−7.2	72	− 2	2.60	−0.68	9	8	11	6
1903.....	41.0	−1.2	79	−12	7.63	+4.35	10	6	12	10
1904.....	44.9	+2.7	86	10	2.47	−0.81	12	8	9	6
1905.....	32.3	−9.9	82	−29	2.55	−0.73	9	6	13	6
1906.....	41.8	−0.4	75	− 7	2.21	−1.07	15	5	8	5
1907	44.9	+2.7	83	4	2.77	−0.51	12	6	10	6
1908.....	44.2	+2.0	78	0	5.26	+1.98	12	5	12	9
1909.....	47.3	+5.1	82	5	5.41	+2.13	13	6	9	8
1910.....	39.0	−3.2	75	−13	3.66	+0.38	11	6	11	7
1911.....	49.8	+7.6	87	7	4.31	+1.03	9	8	11	7
1912.....	37.9	+4.3	78	− 7	2.80	−0.48	12	8	9	6
1913.....	41.0	−1.2	82	5	3.74	+0.46	11	6	11	7
1914.....	40.4	−1.8	79	− 2	4.23	+0.95	11	7	10	7
1915.....	45.9	+3.7	76	11	4.47	+1.19	11	5	12	9
1916.....	43.4	+1.2	82	6	1.78	−1.50	14	4	11	5
1917.....	43.4	+1.2	89	− 4	1.93	−1.35	15	5	8	5
1918.....	44.4	+2.2	93	4	1.17	−2.11	12	6	10	4
1919.....	44.1	+1.9	80	−10	3.34	+0.06	13	4	11	7
1920.....	45.0	+2.8	79	− 2	1.26	−2.02	11	8	10	5
1921.....	48.3	+6.1	85	− 3	3.59	+0.31	15	5	8	5
1922.....	47.8	+5.6	84	10	4.89	+1.61	9	7	12	8
1923.....	41.9	−0.3	80	5	4.66	+1.38	11	4	13	8

* Based on 30 years record.

Climatological Data for February, 1923.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	43.8	+ 1.0	73	1	19	18	43	5.71	+1.77	3.07	0	4	7	9	12	ne.	James Dillard.
Arkadelphia	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	5.65	+1.55	2.95	2.0	4	8	0	20	n.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	5.58	+0.84	1.55	6.0	12	9	5	14	n.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.50	.....	1.80	0	4	13	2	13	.....	J. D. Reeves.
Batesville	Independence	277	24	38.2	— 1.9	73	1	13	18	37	3.95	+0.47	1.62	T.	12	10	3	15	n.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	.....	31	39.2	— 2.2	73	1	11	18	38	4.65	+1.43	1.10	T.	7	7	6	15	sw.	J. E. Scanlan.
Bentonville	Benton	1303	17	35.8	— 2.7	60	1	5	4	28	1.66	−0.86	0.56	3.0	10	11	4	13	n.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	3.33	−0.30	1.37	0	8	13	1	14	.....	Vernon C. Howe.
Booneville	Logan	600	9	40.8	.....	72	1	17	4	34	2.95	.....	1.22	1.0	7	10	5	13	w.	Supt. Tuberculosis San.
Brinkley	Monroe	205	41	43.0	+ 0.7	72	1	17	5†	38	7.71	+3.57	1.90	4.8	9	11	7	10	n.	H. L. D. Whitson.
Calico Rock	Izard	361	19	38.2	.....	71	1	14	4†	50	2.94	+0.30	0.97	T.	7	10	7	11	n.	W. J. Copp.
Camden	Ouachita	158	37	43.7	— 2.9	78	1	19	4†	42	4.56	+0.39	1.56	1.0	14	9	3	16	n.	A. B. Quarterman.
Center Point	Howard	470	24	46.0	+ 0.2	65[1]	13	22[1]	18	36	.....	.....	.....	.....	.....	8[1]	3[1]	7[1]	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	5.93	+1.72	1.86	4.5	11	5	6	17	n.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	3.41	.....	1.00	T.	7	11	4	13	w.	Dr J. M. Hunter.
Conway	Faulkner	309	39	41.8	— 0.7	76	1	16	18	39	5.16	+1.28	1.46	1.5	9	8	10	10	e.	E. E. Cordrey.
Corning	Clay	293	23	38.0	+ 1.0	67	8	11	4	36	2.95	−0.82	1.04	T.	7	14	2	12	w.	Rev. N. E. Skinner.
Dam No. 1. ††	White	190	2	.....	.....	.....	.....	.....	.....	.....	5.13	.....	2.30	2.0	6	11	7	10	.....	H. S. Cooper.
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	5.00	.....	2.10	T.	6	12	0	16	n.	C. P. Evans.
Dardanelle	Yell	330	37	42.5	— 0.3	64	27	18	4	36	4.83	−1.67	2.20	0.4	8	11	0	17	n.	J. D. Riley.
Dodd City	Marion	1175	41	35.6	— 2.7	68	3	6	18	56	3.66	+0.43	1.05	1.0	6	8	10	10	nw.	Neal Dodd.
Dumas	Desha	162	16	44.9	0.0	78	2	18	4	42	5.02	+1.11	2.07	7.5	13	8	7	13	n.	Ben. Johnson.
Dutton	Madison	1590	21	36.2	— 0.6	68	1	6	18	38	3.11	−0.09	1.06	1.5	8	10	9	9	w.	J. M. Ricketts.
El Dorado	Union	270	17	47.4	— 1.3[1]	78	2	18	5	37	6.51	+2.37	1.90	5.5	12	6	3	19	n.	J. J. Babb.
England	Lonoke	229	16	43.9[b]	— 1.1	76	1	18[b]	4	38[b]	7.07	+3.00	2.26	T.	10	10[b]	2[b]	14[b]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	37.2	— 1.8	61	1	7	4	31	2.83	−0.12	1.42	2.0	5	11	11	6	n.	George W. Nicholds.
Fayetteville	Washington	1451	37	38.4	+ 1.4	70	1	8	4	34	2.19	−0.33	0.92	2.5	6	13	3	12	nw.	University of Arkansas
Fort Smith	Sebastian	481	41	40.6	— 1.2	70	1	17	4	33	1.77	−0.97	0.61	1.2	7	7	7	14	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	4.76	+1.68	2.17	T.	6	9	4	15	.....	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	6.50	.....	2.00	3.0	9	10	0	18	n.	Arthur Lentz.
Grannis	Polk	900	5	42.3	.....	70	1	19	18	38	8.21	.....	2.95	0.4	12	13	1	14	e.	W. E. McVay.
Gravette	Benton	1250	25	35.7	— 1.0	59	23	7	18	32	2.10	+0.03	0.85	3.0	6	12	7	9	ne.	A. F. Stevens.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	5.25	.....	1.45	T.	7	13	1	14	ne.	E. C. Spranhurst.
Helena	Phillips	182	2	.....	.....	.....	.....	.....	.....	.....	3.81	−1.06	1.10	4.0	11	12	0	16	.....	James A. Burnett.
Higden	Cleburne	445	55	.....	.....	.....	.....	.....	.....	.....	3.62	.....	1.07	T.	7	14	3	11	sw.	J. A. Ingram.
Hope	Hempstead	377	51	48.2[b]	+ 1.0	78[b]	2	19[b]	4	38[b]	5.10	+0.98	1.24	4.0	10	12[a]	0[a]	15[a]	n.	N. P. O'Neal.
Hot Springs	Garland	600	30	41.6[g]	— 4.5	72[a]	1	17	18	28[a]	7.30	+3.53	3.60	T.	11	12	2	14	.....	P. P. Patraw.
Huttig	Union	175	16	48.2	— 1.3	80	14	19	4	41	6.94	+2.46	2.50	3.0	8	8	5	15	ne.	U. L. Collett.
Jonesboro	Craighead	345	28	39.8	— 0.6	72	1	14	4	33	3.78	−0.50	1.04	0.4	9	14	2	12	ne.	Benedictine Sisters.
Junction ††	Union	182	30	48.0	+ 2.1	80	2	19	5	38	6.47	+2.99	2.70	4.0	6	10	4	14	sw.	J. A. Lauderback.
Lincoln	Washington	1500	2	.....	.....	.....	.....	.....	.....	.....	1.74	.....	0.70	2.5	4	11	8	9	nw.	L. E. Nabers.
Little Rock	Pulaski	286	44	42.4	— 2.5	72	1	18	4	34	6.42	+2.24	3.01	3.1	10	8	6	14	n.	U. S. Weather Bureau.
Lutherville ††	Johnson	775	26	40.2	— 0.3	70	1	14	6	28	2.87	−0.48	0.95	1.0	8	11	6	11	e.	H. Kanfield.
Magnolia	Columbia	315	5	48.0[4]	.....	75[a]	1†	18[1]	4	36[b]	3.68	.....	1.75	2.2	8	6[a]	6[a]	15[a]	nc.	State Agriculture Scho
Malvern	Hot Springs	277	40	45.6	+ 1.6	72	1	19	18	40	7.71	+4.05	3.70	6.0	8	13	0	15	nc.	Mrs. W. L. Matthews.
Mammoth Spring ††	Fulton	512	18	37.6	+ 0.1	63	19	11	4	44	2.85	−0.56	0.81	0	5	16	4	8	n.	F. Wallick.
Marianna ††	Lee	235	14	43.2	+ 0.7	72	1	17	5	39	4.82	.....	1.00	5.5	11	7	8	13	s.	C. N. Houck.
Marked Tree	Poinsett	229	18	40.0	.....	65	1	11	3	35	5.21	+1.20	2.07	1.0	10	14	4	10	sw.	Charles Walton.
Marshall	Searcy	1083	8	40.0	.....	71	1	11	4	39	2.28	.....	1.18	2.0	8	13	4	11	nw.	W. F. Reeves.
Mena	Polk	1185	35	44.4	+ 1.2	70	1	18	1	34	5.02	+1.62	1.53	0	10	10	5	13	e.	E. W. St. John.
Morrilton	Conway	347	3	41.8	.....	74	1	18	4	39	5.57	.....	2.08	T.	6	12	7	9	w.	J. W. Jackson.
Mountain Home	Baxter	800	9	37.2	.....	68	1	8	4	43	2.08	.....	0.93	1.0	5	15	0	13	w.	B. S. Halbert.
Mount Ida	Montgomery	730	25	40.2	.....	66	1	16	18	38	5.26	+0.59	1.75	T.	7	14	0	14	e.	G. A. Whittington.
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	7.38	.....	3.08	0	9	10	3	15	.....	Henry A. Davis.
Nail	Newton	2233	39	31.8	— 1.0	67	1	5	4	34	2.45	−0.53	0.80	5.0	5	11	4	13	n.	Charles Paxton.
Newport	Jackson	231	39	41.6	+ 1.2	74	1	17	4†	34	4.40	+0.46	1.52	T.	10	12	5	11	se.	George L. Robinson.
Osceola	Mississippi	240	23	41.2	— 0.8	72	1	13	18	40	4.54	+0.41	1.65	1.0	9	13	1	14	ne.	Mrs. J. T. Driver.
Ozark	Franklin	450	26	41.5	— 0.3	72	1	16	18	40	3.07	+0.38	1.11	0.8	7	3	7	18	nw.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	6.12	.....	2.20	0.5	7	13	0	15	n.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	1.96	.....	0.78	1.0	7	11	3	14	n.	W. W. Wood.
Pine Bluff	Jefferson	215	39	44.2	— 0.6	74	13	18	4	39	5.30	+1.03	1.70	3.0	11	9	8	11	n.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	31	39.2	+ 1.2	69	1	12	18	32	3.10	−0.46	1.20	0	6	11	5	12	n.	Benedictine Sisters.
Portland	Ashley	122	17	45.6	— 1.4	74	1[1]	19	4	41	5.67	+1.06	2.58	3.5	6	8	3	17	nw.	W. E. Edmiston.
Prescott	Nevada	329	41	46.0	+ 0.9	78	1	19	4	38	5.68	+2.17	2.25	6.5	13	11	3	14	e.	O. J. Stephenson.
Princeton	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	5.89	−1.88	3.39	0	4	14	0	14	.....	Foote Coleman.
Rison	Cleveland	243	19	44.6	+ 1.4	75	2	16	4	38	5.60	+2.64	1.73	0	5	10	8	10	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	32	36.6	— 1.0	63	1	9	4	34	2.33	+0.33	0.88	3.5	5	12	6	10	sw.	Carl A. Starck.
Searcy	White	236	10	38.4	— 4.3	65	1†	18	4	40	5.40	−1.85	1.70	T.	5	13	1	14	.....	J. E. Lightle.
Snow Lake	Arkansas	185	2	44.5	.....	71	2	18	3	39	4.46	.....	1.29	7.0	9	13	2	13	.....	J. L. Britt.
Springbank ††	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	4.71	+1.13	1.95	2.5	10	9	6	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	43.2	— 0.4	72	1	17	4	35	4.69	+0.58	1.36	5.0	10	10	6	12	ne.	H. A. Buerkle.
Subiaco	Logan	1050	26	43.8	+ 2.6	74	1	18	4	35	5.50	+2.55	1.47	T.	8	11	8	9	n.	New Subiaco Abbey
Texarkana	Miller	322	41	49.2	+ 2.0	80	1	21	4	34	5.08	+2.12	1.92	3.5	11	14	4	10	n.	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	5.73	.....	1.96	T.	7	8	3	17	nw.	Dr. Cheves, Bevil
Warren	Bradley	206	28	46.5	+ 1.7	78	2	19	4	37	4.20	−0.36	2.00	6.0	5	9	6	13	s.	Mrs. J. L. Clegg
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	7.20	+3.71	3.80	T.	3	11	1	16	nc.	Miss Eulela M. Schirr
Wynne	Cross	250	15	42.0	— 2.0	73	1	17	18	39	5.57	+1.89	2.08	3.0	11	10	1	17	n.	E. O. Allen.
State Means and Extremes				41.9	0.3	80	1†	5	1	56	4.66	+1.38	3.80	2.9	8	11	4	13	n	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determin section means. T. Precipitation is less than 0.01 inch rain or melted snow. †Received too late to be included in means and summaries. Reference letters [a],[b],[g], appearing in table indicate number of days missing; for example, [a] represents two days missing. †Also on other dates. ††Post-office addresses of these stations as follows:- Junction, Randol La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Dodsricge, Ark.; Dam No. 1; Judsonia, Ark.

Daily Precipitation for February, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.32	2.00	.32																					T.	3.07							5.71
Arkadelphia	Ouachita	.40		2.00										.30													2.95							5.65
Arkansas City	Mississippi		.18	.60	1.45	.07	.10			.05	.50	.25	.05	.18												1.55	.60						5.58
Arlberg	White		1.80							.10			.40												1.20							3.50
Batesville	White	.02	.04	1.10	T.		T.	.01		.52	.04	.06	.04	.40											.08	1.62	.02					3.95
Bee Branch	Arkansas	.30	1.10	T.			T.			.80	T.	.10	.25										T.		1.00	1.10						4.65
Bentonville ***	Arkansas	.44	.28	T.		.16	.10			.01	.02		.32										.01		.16	.16						1.66
Black Rock	White	.23	.03	1.37			T.			.04	.06	.02	T.	.36											T.	1.22						3.33
Booneville	Arkansas		1.22				.08			.52			.31											.07	.49	.26						2.95
Brinkley	White	.66	1.90	.41	.61					.21	1.28		.34												.48	1.82						7.71
Calico Rock	White	.18	.52	.71		T.				.03	T.			.51											.02	.97	T.					2.94
Camden	Ouachita	.03	.02	1.25	.81	.13				.42	.03	.13	.02	.04								.04			.03	1.56	.05					4.56
Center Point	Red													.01											.01	1.50	1.12						
Clarendon	White	.30	.12	1.86	.52	.05	T.			.84	.14	.15		.28													1.65	.02					5.93
Clinton	White	.20	1.00	T.		T.				.36	.03		.22											T.	.82	.78						3.41
Conway	Arkansas	.11	1.18	.08			.06			1.31	.11		.11												.74	1.46						5.16
Corning	White	.56	1.04				.01			.05			.53												.23	.53						2.95
Dam No. 1	White	.13		1.20	T.		T.			.93		.07		.50												2.30						5.13
Danville	Arkansas	T.	.35	1.00			T.			.90		.10		.55											T.	2.10						5.00
Dardanelle	Arkansas	.05	.25	1.07			.04			.77		.14		.31												2.20						4.83
Dodd City	White	1.05	.90				.10						.90												.15	.56						3.66
Dumas	Arkansas	.06	.48	2.07	.10	T.	.15			.68	.15	.22	.06	.03											T.	.20	.80	.02					5.02
Dutton	White	1.06	.85			T.	.09				.02		.46										T.		.14	.34	.15					3.11
El Dorado	Ouachita		.18	1.70	1.90	.48				.27	.03	.15	.06	.20								.07				T.	1.20	.27					6.51
England	Arkansas	.22	1.30	1.19	.07	T.	T.			.75	.22	.03	.30													.73	2.26						7.07
Eureka Springs	White	1.42	.43				.20			T.	T.		.45													T.	.33						2.83
Fayetteville	White	.92	.42				.19			T.	T.		.38												T.	.05	.23						2.19
Fort Smith ***	Arkansas		.64			.07	T.		T.	.03	.03		.43												.01	.56	T.					1.77
Fulton	Red	T.		.88	.65	T.	T.			.16	T.	T.		.60									T.			.30	2.17	T.	T				4.76
Georgetown	White	.20	1.80	.10			T.			1.80	.10	.10		.30												2.00	.10						6.50
Grannis	Red	.25	2.95	.25			.04			.66	.13		.98	.29											.18	1.35	1.08	.05					8.21
Gravette	Arkansas	.30	.85				.22			T.	T.		.25												T.	.03	.45						2.10
Heber Springs	White	.19	1.45	T.		T.				.81	.07		.41													1.06	1.26						5.25
Helena	Mississippi		.08	1.10	1.10		.02			.34	.34	.16	.02	.12													.54	.02					3.84
Higden	White	.07	1.04	T.						.60	.04		.25														1.07	.55					3.62
Hope	Red		.65	1.24			T.		.02	.15	.38		.18									.05				1.20	1.21	.02					5.10
Hot Springs	Ouachita	.22	2.38	.22			.02			.51	.06	.25													.03	.78	2.82	T	.01				7.30
Huttig	Ouachita			1.80	1.13	T.				.58		.40	.05	.40												.08	2.50						6.94
Jonesboro	White	.12	1.04	T.			.04			.90	.02		.27	T.												.32	1.04	.03					3.78
Junction	Ouachita	T.		2.70	.40				T.	.28		.80	T.									T.				2.04	.25	T.					6.47
Lincoln	Arkansas	.70	.64	.25																					.15								1.74
Little Rock ***	Arkansas	.14	2.21	.21		T.	.01		.06	.52	.07		.19												T.	2.38	.63						6.42
Lutherville	Arkansas	.31	.95				.03			.35			.35	.03												.29	.56						2.87
Magnolia	Red	.04		1.75	.20					.35		.05	.08													.33	.88						3.68
Malvern	Ouachita	.17	.30	1.88	.65		T.			.65		.10	T.	.26													3.70						7.71
Mammoth Spring	White	.36	.81										.74													.18	.76						2.85
Marianna	Mississippi	.40	.90	.89	.10					1.00			.38	.09												.09	.87	.05	.05				4.82
Marked Tree	Mississippi	.12	.22	1.36	.07		.07			.29	.28	.08		.62													2.07	.03					5.21
Marshall	White	.20	1.18	T.			.18			.04	T.		.33												.06	.24	.05					2.28
Mena	Ouachita	.11	.36	1.31						1.18	.01	.09	.01	.30											T.	.12	1.53	T.					5.02
Morrilton	Arkansas		1.17	T.			T.			1.10	.10		.34													.78	2.08						5.57
Mountain Home	White	.33	.93				.10				T.														T.	.50	.22						2.08
Mount Ida	Ouachita	.05	1.75	.10						.50			.26													1.40	1.20						5.26
Murfreesboro	Ouachita	.11	.13	.92	.61					.27	.43		.61													.22	3.08						7.38
Nail	White	.65	.80			.25				T.			.25												T.	.50							2.45
Newport	White	.19	.35	.97	T.		T.			.70	.14	.04		.54												.05	1.52	.10					4.40
Osceola	Mississippi	.38	1.11	.05			.05			.55	.07	.11	.57														1.65						4.54
Ozark	Arkansas	.27	1.11			T.	.08				.09		.60									T				.88	.04						3.07
Patterson	White	.11	.38	1.77			.06			1.10				.50													2.20						6.12
Pindall	White		.78					.05			.02		.46												.03	.14	.48						1.96
Pine Bluff	Arkansas	.06	.20	1.20	1.12	.08				.83	.06	.25		.15												T.	1.70	.15					5.30
Pocahontas	White	.45	1.20							.20			.35													.40	.50						3.10
Portland	Ouachita			1.50	.78					.09		.30														2.85	.15						5.67
Prescott	Ouachita	.18		1.10	1.16	.10	T.			.21	.02	.28	.03	.23												.14	2.25	.62	.02				5.68
Princeton	Ouachita	.20	1.10	1.20	T.									T.													3.39						5.89
Rison	Ouachita	.16		.54						1.73	.34																1.73						5.60
Rogers	Arkansas	.88	.43				.28			T.	T.		.46													T.	.28						2.33
Searcy	White		1.70	.10									1.50													.80	1.30						5.40
Snow Lake	Mississippi	.51	1.29	.83						.76		.17	.15	.05												.65	.05						4.46
Springbank	Red			.75	.70	.30					.36	T.	.10	.08	.08							.25		.14	1.95		T.					4.71
Stuttgart	Arkansas	.11	.70	1.36	.04					.44	.19		.22													.55	.99	.06					4.69
Subiaco	Arkansas	.38	1.30	T.			1.20			.49	.02		.47											T.	1.47	.25						5.50
Texarkana	Red	.10	.57	1.20	.65					.17		.47		.22								.03				.30	1.92	T.	.05				5.08
Waldron	Arkansas		1.45			T.				.66	.44		1.16											.06	1.06	.90	T					5.75
Warren	Ouachita	T		*	2.90					1.00	T.		T.													.39	.90	T.					4.20
Whitecliffs	Red			2.26	T.								T.	1.20	T.											T.	3.80						
Wynne	Mississippi	.15	.03	1.55	.30		.05			.34	.39	.12	T.	.44												T.	2.08	.12					5.57

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for February, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.1	16.6	19.7	18.2	15.0	13.0	11.2	9.3	8.3	8.5	8.2	8.1	8.1	8.4	7.5	6.9	6.3	6.0	5.9	5.6	5.4	5.2	5.0	4.9	4.8	5.1	6.8	7.1			
Dardanelle	do	20	9.1	16.0	18.7	18.5	16.2	14.0	11.8	9.6	8.6	7.8	7.3	6.8	7.1	7.2	6.8	6.0	5.8	5.3	5.6	4.5	4.4	4.0	3.6	3.5	3.2	5.3	5.2	4.7			
Little Rock	do	23	7.7	11.0	17.8	19.4	19.4	17.8	16.0	14.1	12.0	10.5	9.8	9.2	8.4	8.0	8.0	7.5	7.0	6.0	5.5	4.9	4.5	4.1	3.8	3.5	3.2	4.6	6.9	8.0			
Pine Bluff	do	25	11.1	11.8	17.4	20.8	21.7	21.5	20.2	18.5	17.0	15.5	14.5	13.8	13.0	12.4	12.2	12.0	11.5	10.7	10.0	9.4	8.8	8.4	7.9	7.4	7.5	7.5	9.1	11.4			
Black Rock	Black	14	18.1	18.7	20.8	21.7	20.8	20.6	21.1	21.5	21.5	21.2	20.7	20.1	19.6	19.0	18.0	17.3	16.3	15.0	13.8	12.8	11.3	10.0	9.0	8.0	7.6	7.6	8.0	7.7			
Calico Rock	White	18	10.7	26.6	25.6	22.5	17.5	13.4	9.9	7.9	6.8	6.0	5.4	4.9	5.0	4.7	4.6	4.4	4.6	4.3	4.0	3.7	3.5	3.0	3.6	2.9	2.8	2.8	2.5	2.3			
Batesville	do	23	12.6	23.7	32.4	31.3	28.2	23.6	19.3	14.9	14.1	12.9	12.0	11.3	10.9	10.9	10.6	10.3	10.2	10.2	9.9	9.6	9.4	8.9	8.5	8.6	8.6	9.7	9.1	8.4			
Newport	do	26	16.4	18.7	23.9	27.7	29.2	29.3	28.9	27.4	25.3	24.2	22.9	22.8	21.6	20.8	20.4	19.6	19.1	18.5	18.1	17.4	16.4	15.9	15.4	14.9	13.3	12.8	12.8	12.2			
Georgetown	do	22	20.2	20.4	20.8	21.2	22.0	23.8	24.0	24.6	25.0	25.0	24.8	24.1	24.0	23.6	23.0	22.6	22.2	21.8	21.4	21.0	20.8	20.4	20.0	19.8	19.0	18.4	18.6	18.6			
Clarendon	do	30	21.8	25.4	26.2	26.7	27.0	27.3	27.6	28.0	28.5	29.0	29.4	29.7	29.9	29.9	29.8	29.6	29.5	29.2	28.9	28.7	28.3	28.0	27.7	27.4	27.1	27.0	26.9	26.7			
Helena	Mississippi	42	30.8	31.9	33.3	34.4	35.5	36.4	37.2	37.9	38.4	39.4	40.0	40.5	41.0	41.3	41.7	42.0	42.2	42.3	42.4	42.3	42.0	41.6	41.0	40.2	39.2	38.0	36.3	34.1			
Arkansas City	do	42	32.5	34.0	35.2	36.2	37.4	39.1	40.0	40.8	41.5	42.2	42.8	43.2	43.7	44.1	44.5	45.0	45.4	45.8	46.0	46.2	46.3	46.4	46.3	46.1	45.8	45.4	45.0	44.2			
Camden	Ouachita	49	24.7	27.8	30.9	31.5	33.2	34.3	35.0	35.0	33.9	32.1	30.6	29.0	30.0	28.0	27.3	22.2	20.2	19.3	18.1	14.9	13.5	12.8	11.6	10.9	10.1	9.6	15.0	25.0			
Danville	Petit Jean	20	17.6	15.1	19.9	21.5	21.3	19.3	15.6	11.5	9.7	14.7	15.3	13.8	15.4	15.7	12.7	9.7	8.1	7.9	6.4	5.9	5.3	5.0	4.8	4.6	4.5	16.2	21.0	21.8			
Fulton	Red	28	16.5	17.8	18.7	21.5	23.5	24.0	23.7	22.7	21.7	20.7	19.7	19.0	18.3	17.6	16.8	16.0	15.0	14.0	12.9	11.9	11.2	10.4	10.1	9.7	9.4	11.1	13.3	16.9			
Arkadelphia	Ouachita	18	14.9	9.7	15.4	16.4	12.1	7.1	5.7	4.8	4.0	4.8	5.0	5.1	4.7	4.3	4.0	3.7	3.5	3.1	2.9	2.6	2.5	2.1	2.0	1.9	1.8	10.5	14.8	10.2			
Patterson	Cache	9	10.4	10.5	10.8	10.8	10.7	10.6	10.5	10.3	10.2	10.2	10.1	10.0	9.8	10.4	10.4	10.4	10.3	10.0	9.7	9.3	8.9	8.6	8.4	8.2	7.9	7.9	8.1	8.1			

Daily Temperatures for February, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	73	71	58	32	36	57	50	53	51	42	45	54	66	52	49	43	46	43	63	65	58	60	59	49	47	60	58	60				53.6
	Minimum	60	57	31	20	23	25	22	25	45	37	36	34	51	32	27	23	24	19	20	29	31	42	30	35	41	43	49	42				34.0
Batesville	Maximum	73	60	45	23	40	45	49	56	47	37	39	55	64	46	37	41	45	37	58	57	49	57	57	47	44	55	49	59				49.0
	Minimum	51	51	35	16	12	20	24	24	30	31	28	25	35	26	20	19	21	13	21	25	23	22	21	22	32	41	43	38				27.5
Bee Branch	Maximum	73	70	56	28	35	41	45	50	52	49	37	50	63	56	42	41	39	41	56	59	60	57	57	52	48	53	53	58				50.8
	Minimum	57	49	21	12	15	22	21	24	39	27	25	25	37	25	14	18	19	11	18	26	30	33	26	28	35	38	40	40				27.7
Bentonville	Maximum	60	52	32	25	37	40	43	55	40	38	44	59	55	34	35	37	38	36	55	50	54	52	57	48	47	48	47	52				45.4
	Minimum	35	32	13	8	15	23	17	32	29	28	24	33	29	22	15	18	18	11	27	30	28	28	32	39	40	38	36	32				26.1
Booneville	Maximum	72	50	47	26	32	35	44	57	49	40	38	62	62	45	42	43	38	38	60	61	51	51	51	53	51	51	57	55	57			48.8
	Minimum	46	40	25	17	20	26	25	28	40	33	30	33	40	32	30	28	24	18	26	36	36	36	40	39	43	42	45	37				32.7
Brinkley	Maximum	72	70	64	26	33	42	50	57	53	50	38	60	70	60	42	40	46	46	59	59	55	57	55	52	47	54	53	60				52.5
	Minimum	61	59	26	18	17	26	28	31	41	35	35	31	51	31	26	23	23	17	24	31	30	35	29	33	43	42	46	45				33.5
Calico Rock§§	Maximum	71	55	32	25	39	44	51	63	47	39	41	57	63	41	37	39	44	40	65	55	51	55	54	43	48	53	51	60				48.9
	Minimum	58	47	31	14	14	18	28	28	29	29	26	26	37	25	19	19	22	13	15	24	25	22	22	22	36	48	43	34				27.5
Camden§§	Maximum	78	77	39	25	33	46	53	54	56	46	43	66	74	50	48	47	52	45	64	63	58	60	58	52	53	58	58	61				54.2
	Minimum	58	63	36	19	19	24	24	25	28	41	35	36	42	25	30	25	21	21	22	23	34	38	31	31	39	43	50	48				33.2
Center Point	Maximum	....	....	....	....	....	....	....	....	....	....	59	54	65	53	48	49	49	42	62	63	54	59	55	49	47	58	58	60				54.6
	Minimum	....	....	....	....	....	....	....	....	....	....	36	36	52	34	29	27	27	22	26	38	43	44	47	40	41	44	48	39				37 3
Conway	Maximum	76	66	54	28	39	44	48	57	52	49	41	55	54	46	42	41	48	42	63	60	52	58	54	50	47	57	57	61				51.5
	Minimum	61	52	28	18	22	25	28	28	44	33	32	30	30	32	23	24	20	16	24	27	30	32	28	33	41	42	47	45				32.0
Corning	Maximum	65	61	51	23	36	44	46	67	51	36	37	50	65	50	39	38	42	33	54	51	52	55	47	49	45	50	50	58				48.0
	Minimum	59	41	21	11	17	25	27	31	34	27	25	25	44	25	17	18	21	12	22	32	25	25	25	26	38	40	42	31				28.1
Dardanelle	Maximum	60	56	55	33	37	44	46	57	60	54	44	52	62	56	48	41	44	46	61	59	57	60	61	60	60	62	64	60				53.5
	Minimum	34	36	28	18	21	27	28	31	34	34	35	32	43	33	25	26	27	20	25	32	35	38	37	38	36	38	38	34				31.5
Dodd City	Maximum	65	61	68	20	35	35	41	61	51	35	37	56	56	45	32	35	34	33	50	50	50	54	52	48	46	50	50	53				46.5
	Minimum	56	38	12	7	10	24	20	26	33	26	21	28	36	21	14	14	17	6	19	23	21	26	21	31	40	40	38	28				24.6
Dumas	Maximum	74	78	66	30	30	40	51	60	56	55	42	67	73	60	46	46	50	40	65	63	60	58	55	53	50	62	58	60				55.1
	Minimum	60	62	30	18	19	25	24	28	43	38	33	34	58	35	38	24	22	20	23	23	28	40	30	33	43	45	48	47				34.7
Dutton	Maximum	68	58	50	28	38	41	43	52	49	37	39	50	55	41	39	38	37	36	57	53	48	54	53	41	41	52	55	52				46.6
	Minimum	55	48	17	9	10	24	18	26	37	29	24	29	38	20	15	16	17	6	19	20	23	21	25	30	39	40	38	28				25.8
El Dorado	Maximum	70	78	76	45	24	32	53	53	60	59	41	67	80	66	48	47	51	46	63	63	60	66	60	59	56	61	60	61				57.1
	Minimum	60	64	44	19	18	23	26	32	43	36	36	37	50	36	32	27	25	24	26	39	43	44	35	38	45	52	50	48				37.6
England	Maximum	76	68	60	30	35	42	54	58	52	52	40	60	70	62	41	40	47	44	64	61	55	....	....	60	50	55	55	63				52.6
	Minimum	62	58	25	18	21	28	26	31	44	35	32	32	52	32	26	25	23	19	26	32	32	....	....	31	43	43	48	46				34 2
Eureka Springs	Maximum	61	55	45	24	40	37	46	59	49	40	47	57	57	47	37	39	39	38	55	52	53	56	60	48	47	48	45	51				47.6
	Minimum	40	36	15	7	14	25	17	34	29	25	22	31	43	20	13	16	17	9	27	30	27	29	29	39	41	42	37	34				26.8
Fayetteville	Maximum	70	53	57	27	42	35	44	53	49	45	48	56	57	41	35	39	42	46	54	53	48	53	56	53	52	49	55	54				48.8
	Minimum	41	38	16	8	14	23	18	33	31	29	25	34	41	23	16	18	19	12	27	27	31	28	33	40	40	44	40	32				27.9
Fort Smith	Maximum	70	49	40	28	33	39	45	57	49	38	42	56	55	47	42	43	44	38	60	60	52	57	55	49	46	57	51	56				48.5
	Minimum	43	38	20	17	22	26	27	33	37	35	31	35	38	32	24	26	26	20	27	34	42	38	42	42	43	43	42	36				32.8
Grannis	Maximum	70	66	56	39	34	42	49	50	52	53	44	52	60	49	49	47	45	42	60	62	59	59	59	48	44	48	75	49				51.5
	Minimum	59	54	26	20	22	24	24	26	28	36	33	35	48	30	26	24	25	19	22	32	41	41	35	37	39	42	46	35				33.1
Gravette	Maximum	38	49	47	27	33	40	42	54	50	37	44	55	55	40	31	33	37	36	59	51	52	53	59	58	47	50	48	53				45.6
	Minimum	36	34	15	8	11	20	13	31	30	28	24	33	39	22	15	18	12	7	32	22	25	25	32	41	40	44	37	28				25.8
Hope	Maximum	....	78	55	30	34	45	53	56	55	55	42	62	70	49	51	46	51	44	65	62	56	59	57	58	50	60	59	....				53.9
	Minimum	....	53	30	19	24	26	27	31	47	41	37	36	48	33	28	25	25	24	27	36	44	38	31	38	42	47	50	....				42.6
Hot Springs	Maximum	72	69	57	29	35	42	52	52	52	48	44	54	....	....	....	....	45	40	....	....	....	....	....	....	....	....	....	....				19.4
	Minimum	60	56	29	19	22	27	27	30	44	36	32	32	33	33	26	23	22	17	26	31	36	41	34	35	41	43	47	43				33.8
Huttig	Maximum	80	80	76	38	31	45	54	55	57	57	50	71	76	72	50	47	52	50	64	64	64	61	59	57	54	60	63	63				58.9
	Minimum	61	64	35	19	20	26	23	26	47	44	37	38	61	39	34	27	25	25	24	37	40	46	33	38	43	50	46	46				37.6
Jonesboro	Maximum	72	64	57	24	34	43	47	57	51	38	35	52	69	48	36	38	45	37	54	54	52	52	47	45	45	54	59	59				48.5
	Minimum	62	46	24	14	19	27	29	31	38	29	28	29	48	29	20	21	22	15	23	33	29	31	29	30	40	41	45	39				31.4
Junction	Maximum	78	80	65	33	30	45	53	56	59	62	63	67	65	64	63	62	61	47	54	63	64	67	66	64	60	61	63	65				60.0
	Minimum	63	65	33	21	19	22	23	25	47	48	38	46	41	32	30	29	23	22	25	33	37	42	41	40	41	44	42	37				36.0
Little Rock	Maximum	72	67	50	26	35	42	49	54	51	42	40	55	65	45	46	38	45	38	60	60	54	56	53	49	46	57	52	60				50.0
	Minimum	65	50	25	15	22	28	27	33	42	35	32	34	41	35	25	25	26	19	26	42	38	41	36	38	41	44	47	45				34.8
Lutherville	Maximum	70	66	47	27	37	36	44	52	50	47	39	53	58	46	42	41	45	39	56	56	51	56	53	47	47	58	55	56				49.1
	Minimum	59	46	29	14	17	14	25	31	42	31	28	30	42	29	21	22	23	15	24	34	35	38	36	37	38	40	45	36				31.1
Magnolia	Maximum	75	75	66	32	31	43	....	52	59	59	56	66	71	63	50	47	50	19	63	62	63	60	60	60	55	60	59	60				57.3
	Minimum	63	65	32	18	20	26	....	....	....	....	46	42	46	36	57	36	29	23	25	24	27	36	28	36	37	40	40	53	50	38		38.8
Marianna	Maximum	72	70	62	23	26	40	48	56	51	60	60	63	68	60	51	50	44	36	55	50	54	54	52	51	56	58	54	59				52.4
	Minimum	59	59	23	18	17	26	28	32	45	47	32	33	53	31	29	24	24	18	26	34	32	36	30	33	36	41	46	45				34.1
Marked Tree §§	Maximum	65	41	22	36	41	48	54	47	36	59	57	67	44	33	30	38	39	55	63	55	60	55	50	51	57	56	56	61				48.5
	Minimum	55	40	11	12	22	29	33	35	32	31	31	38	32	24	21	22	18	20	31	35	38	39	31	34	43	46	45	37				31.5
Marshall	Maximum	71	64	58	22	35	43	47	55	48	45	41	54	59	43	37	38	41	39	58	55	49	53	53	49	58	56	52	53				49.2
	Minimum	61	48	19	11	17	27	28	36	43	29	26	30	43	25	17	18	21	18	28	30	30	30	28	38	46	42	41	36				30.8
Mena	Maximum	70	65	50	28	28	45	51	50	51	45	45	50	58	46	47	47	47	44	62	61	56	58	56	51	43	57	59	59				51.0
	Minimum	62	50	28	18	21	22	22	31	41	35	32	35	50	32	27	24	24	19	28	33	39	40	38	40	40	41	45	34				33.9
Morrilton	Maximum	74	68	55	28	37	42	45	45	51	50	39	54	61	56	44	40	46	45	63	57	57	56	52	51	48	57	57	58				51.2
	Minimum	51	49	26	18	22	28	29	31	43	34	31	37	39	32	25	26	18	24	23	34	34	51	37	32	41	47	45	....				32.4
Mt. Home	Maximum	68	61	58	24	38	44	48	59	50	38	39	59	58	38	37	41	41	37	62	54	51	53	52	45	46	51	48	57				48.5
	Minimum	47	40	16	8	14	25	21	25	32	25	22	26	36	22	30	15	17	10	19	24	25	27	22	28	39	40	39	28				26.0
Mount Ida	Maximum	66	65	54	28	35	40	46	49	51	51	39	52	62	57	39	40	40	40	57	57	51	51	48	48	48	56	56	52				49.2
	Minimum	61	51	28	19	18	27	21	26	44	36	35	32	44	23	23	19	21	16	19	25	29	34	31	35	34	31	47	46				31.2
Nail	Maximum	67	62	49	20	25	40	42	45	50	45	41	50	47	39	38	35	35	34	40	54	44	52	50	40	50	50	45	51				44.3
	Minimum	54	49	15	5	10	14	20	27	29	27	21	25	29	20	13	15	15	7	20	25	30	31	32	30	36	37	37	33				25.2
Newport	Maximum	74	70	59	26	37	42	48	56	53	40	38	53	67	55	40	40	45	40	57	56	51	57	50	51	46	54	54	66				50.9
	Minimum	62	51	26	17	20	29	28	34	40	31	30	30	4.	31	22	23	25	17	24	30	31	33	29	31	40	42	46	32				32.2
Osceola	Maximum	69	62	55	33	37	44	46	57	60	54	44	52	62	56	48	41	44	46	61	59	57	60	61	60	60	62	64	60				53.5
	Minimum	60	52	35	15	16	26	27	33	37	30	30	31	46	28	16	20	21	13	20	27	26	28	26	29	38	42	40	38				30.4
Ozark	Maximum	72	61	50	30	37	40	53	57	52	43	41	55	60	48	42	44	46	39	62	60	62	59	56	49	47	68	65	58				52.0
	Minimum	58	45	25	18	19	28	25	28	41	28	30	34	37	29	25	24	21	16	22	28	29	30	36	41	35	42	39	34				31.0
Pine Bluff	Maximum	71	73	61	28	33	43	56	58	56	52	41	64	74	55	43	43	51	43	65	62	59	51	57	53	47	55	54	61				54.0
	Minimum	61	50	26	18	22	27	26	29	36	38	34	34	55	30	29	26	24	20	26	32	31	41	35	33	42	42	47	47				34.3
Pocahontas	Maximum	69	64	54	22	38	46	49	57	50	36	39	47	66	50	39	42	46	38	55	55	53	58	54	50	47	51	50	59				49.4
	Minimum	60	44	22	13	18	28	27	32	36	28	25	26	40	26	18	20	20	12	23	32	28	27	28	26	40	40	41	32				29.1
Portland	Maximum	71	71	74	34	30	35	44	56	57	57	50	69	68	66	45	39	46	46	54	57	57	56	52	52	54	59	58	56				54.1
	Minimum	63	62	33	19	20	28	24	28	45	41	37	38	60	37	31	26	22	22	23	36	36	45	34	33	45	51	51	47				37.1
Prescott	Maximum	78	79	60	32	34	44	52	55	58	52	43	61	72	61	46	46	51	49	64	62	60	58	55	52	50	59	58	62				55.1
	Minimum	64	59	31	19	24	26	27	30	46	40	35	37	52	35	30	27	26	23	26	36	40	41	34	40	42	45	50	47				36.9
Rison	Maximum	74	75	64	32	32	42	53	55	54	54	42	65	71	62	41	42	49	45	63	64	58	55	58	53	49	57	57	62				54.7
	Minimum	61	61	26	16	19	25	25	30	44	37	32	33	51	33	20	23	22	20	25	36	33	40	35	31	40	43	47	49				34.4
Rogers	Maximum	66	54	50	24	38	38	46	56	52	39	44	58	57	41	36	36	38	37	55	51	51	53	55	52	48	50	47	51				47.1
	Minimum	46	37	16	9	12	23	18	30	31	27	28	34	40	22	15	17	15	10	22	23	26	23	31	39	41	44	39	27				26.2
Searcy	Maximum	69	65	65	25	33	35	36	37	46	42	40	43	48	38	31	35	38	45	52	53	52	50	53	52	53	55	56	58				46.4
	Minimum	52	58	25	18	20	22	24	28	32	33	32	31	33	32	22	22	23	22	24	26	28	29	30	33	34	38	40	42				30.5
Snow Lake	Maximum	72	74	61	30	35	47	48	55	53	42	48	65	70	61	44	45	45	44	63	57	58	57	56	50	52	58	57	62				53.9
	Minimum	61	55	18	20	22	25	30	37	37	34	36	36	50	37	29	32	29	22	31	38	36	36	38	38	44	46	38	....				35.1
Stuttgart	Maximum	72	69	61	28	32	41	50	56	52	51	44	63	68	57	41	37	45	41	60	59	54	56	53	52	49	54	53	61				52.1
	Minimum	62	63	26	17	21	28	28	32	45	35	33	32	52	32	27	24	24	19	26	33	30	36	30	32	42	43	47	46				34.4
Subiaco	Maximum	74	61	49	28	37	39	60	59	50	43	45	63	59	68	45	44	45	41	60	61	62	69	66	60	58	61	67	58				54.7
	Minimum	50	45	24	18	21	24	27	30	42	34	31	33	38	31	21	25	24	23	25	34	38	34	38	39	42	41	45	37				33.0
Texarkana	Maximum	80	79	66	36	35	45	55	58	62	60	55	60	65	71	66	58	53	47	59	68	60	63	61	55	55	59	60	60				58.5
	Minimum	64	66	35	21	26	30	26	35	50	43	39	40	55	37	32	27	27	25	29	38	44	43	35	44	43	48	51	43				39.8
Warren	Maximum	77	78	67	32	36	45	52	58	54	54	45	66	75	65	48	47	51	46	63	65	60	58	52	50	59	58	60	....				56.2
	Minimum	62	64	32	19	20	26	25	29	46	41	35	37	62	36	31	26	24	23	26	37	34	43	31	34	44	48	49	48				36.8
Wynne	Maximum	79	68	65	27	35	41	48	55	52	43	39	58	70	56	38	38	37	45	55	56	53	55	58	51	46	55	54	58				50.9
	Minimum	66	62	26	16	21	28	27	33	43	33	31	31	51	30	24	23	21	17	23	30	30	32	28	31	42	42	46	46				33.2

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day on which it almost always occurs.

51.05
LNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., MARCH, 1923. No. 3.

GENERAL SUMMARY.

The weather in Arkansas during the month of March, 1923, was unusually cold, being the coldest March since 1915 and one of the coldest on record. The month opened warm and temperatures were considerably above normal the first few days, but beginning about the 13th cooler weather overspread the State and sub-normal temperatures were the rule the remainder of the month. On the 18th and 19th a severe cold wave gave the lowest March temperatures on record in most sections, 2° being recorded at Nail, 10° at Fort Smith, 14° at Little Rock, and 18° to 20° to the southern border. The lowest temperature on record for March is 1° at Jonesboro and Gravette, on March 6, 1899. The cold wave of the 18th and 19th did great damage to fruit and growing crops. Peaches, plums, and pears were killed in some orchards, greatly damaged in others. Strawberries were set back at least two weeks and growing crops delayed accordingly. Apples were uninjured. The precipitation for the State was practically normal and the distribution throughout the month was rather even, the number of rainy days being normal.

Heavy rains on the 15th and 16th caused flood stages on the White, Black, Cache, Petit Jean, and a sudden rise in the Arkansas The Mississippi was at flood stage at Memphis from the 23d to the close of the month and at Helena after the 26th. There was little loss of property, the greatest damage being the delaying of farm work in the low lands in the eastern part of the State.

W. C. H.

TEMPERATURE.

The mean temperature for the month of March, as determined from the records of 52 stations, was 49.6° which is 3° below normal, all stations showing negative departures. The highest monthly mean was 56.4° at Huttig, the lowest, 42.5° at Nail. The highest temperature recorded was 88° at Portland on the 22d, the lowest, 2° at Nail on the 18th. The lowest occurred in all sections about the 18th or 19th, the highest on different dates. The greatest daily range was 52° at Evening Shade on the 19th.

PRECIPITATION.

The average precipitation for the State, as determined from the records of 74 stations, was 5.04 inches which is 0.34 inch above normal. Positive and negative departures occurred in all sections, but the lightest totals were recorded in the Arkansas Valley. Monthly totals ranged from 10.55 inches at Patterson to 2.12 inches at Fort Smith. Bentonville recorded 0.4 inch of snow and a trace was reported at several other stations, otherwise the precipitation fell as rain. The average number of rainy days was 8.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date	7 a. m.	7 p. m.	
Bentonville..	30.05	30.55	31	29.02	11	6,382	32	s.	24	.....	.....	51
Fort Smith...	30 05	30.58	19	29.10	11	7,818	57	sw.	15	74	52	57
Little Rock	30.06	30.57	31	29.19	11	8,286	45	sw.	11	44	54	56
Memphis....	30.10	30.58	31	29.17	11	8,373	56	sw.	11	44	53	58

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 3d, 1; 4th, 1; 5th, 9; 6th, 7; 7th, 2; 8th, 1; 10th, 13; 11th, 28; 12th, 3; 13th, 1; 14th, 2; 15th, 31; 20th, 2; 22d, 4; 23d, 6; 24th, 1; 29th, 1.

Dense Fog:– 6th, 1; 11th, 1; 15th, 1; 22d, 2.

Lunar Halos:– 1st, 1; 2d, 1; 4th, 1; 26th, 2; 27th, 1; 28th, 1; 29th, 1.

Solar Halos:– 1st, 1; 2d, 1; 18th, 1; 27th, 1; 29th, 1.

Heavy Hail:– Pleasant Plains, 11th.

COMPARATIVE DATA FOR ARKANSAS---- MARCH.

Year.	Temperature.				Precipitation.		Number of days.			
	Mnth'y average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip'ti'n
Means and Extremes.	52.6		96	1	4.70		12	8	11	8
1891.....	46.7	−5.9	82	10	5.10	+0.40	11	9	11	10
1892.....	47.9	−4.7	90	9	3.44	−1.26	14	8	9	7
1893.....	50.1	−2.5	82	5	3.55	−1.15	16	6	9	8
1894.....	54.6	+2.0	88	8	9.84	+5.14	14	7	10	9
1895.....	51.8	−0.8	91	10	5.39	+0.69	13	7	11	10
1896.....	48.7	−3.9	85	12	5.28	+0.58	10	7	14	8
1897.....	55.9	+3.3	88	13	9.76	+5.06	10	7	14	15
1898.....	54.5	+1.9	88	18	5.96	+1.26	10	9	12	9
1899.....	50.6	−2.0	87	1	2.97	−1.73	12	9	10	7
1900.....	51.2	−1.4	90	7	2.50	−2.20	15	7	9	7
1901.....	51.5	−1.1	86	4	4.67	−0.03	14	8	9	6
1902.....	52.6	0.0	89	14	5.34	+0.64	12	10	9	7
1903.....	54.8	+2.2	85	11	5.56	+0.86	10	9	12	8
1904.....	55.3	+2.7	90	12	5.64	+0.94	11	11	9	8
1905.....	57.1	+4.5	92	26	5.31	+0.61	10	10	11	9
1906.....	45.2	−7.4	88	10	5.69	+0.99	8	6	17	11
1907.....	61.9	+9.3	96	25	3.22	−1.48	14	8	9	6
1908.....	59.5	+6.9	93	21	3.79	−0.91	11	9	11	8
1909.....	52.7	+0.1	84	16	3.71	−0.99	13	8	10	8
1910.....	60.7	+8.1	92	23	1.39	−3.31	20	7	4	3
1911.....	56.6	+4.0	94	15	2.17	−2.53	16	9	6	6
1912.....	45.8	−6.8	86	10	7.86	+3.16	7	7	17	12
1913.....	49.7	−2.9	88	8	4.74	+0.04	14	9	8	7
1914.....	50.0	−2.6	86	4	5.13	+0.43	12	8	11	9
1915.....	42.5	−10.1	73	14	3.54	−1.16	9	7	15	7
1916.....	54.5	+1.9	94	11	1.93	−2.77	16	6	9	5
1917.....	53.0	+0.4	87	9	5.32	+0.62	14	5	12	11
1918.....	57.9	+5.3	96	16	1.31	−3.39	11	8	12	4
1919.....	53.2	+0.6	86	11	5.47	+0.77	17	5	9	6
1920.....	51.8	−0.8	88	2	5.31	+0.61	11	5	11	8
1921.....	60.8	+8.2	92	18	6.55	+1.85	11	8	12	9
1922.....	51.7	−0.9	83	7	8.58	+3.88	12	6	13	11
1923.....	49.6	−3.0	88	2	5.04	−0.34	15	5	11	8

* Based on 50 years record.

Climatological Data for March, 1923.

Stations.	Counties.	Elevation, feet.	Temperature (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	49.7	− 4.6	75	25	14	19	45	2.29	−2.64	1.15	0	3	15	7	9	s.	James Dillard.
Arkadelphia	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	3.79	−1.11	1.75	0	5	11	0	20	n.	F. J. Carpenter.
Arkansas City‡	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	4.16	−1.41	1.10	0	12	16	3	12	n.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	6.00	.....	1.85	0	6	12[i]	4[i]	6[i]	.....	J. D. Reeves.
Batesville	Independence	277	24	45.4	− 6.7	78	2	10	19	45	5.98	+2.12	1.77	0	9	16	1	14	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	.....	31	46.9	− 5.2	75	2†	6	19	42	6.85	+2.21	1.90	0	7	13	9	9	sw.	J. E. Scanlan.
Bentonville	Benton	1303	17	44.4	− 2.9	74	2	4	19	37	4.06	+0.24	1.57	0.4	7	14	6	11	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	4.40	+0.69	1.81	0	8	18	1	12	.....	Vernon C. Howe.
Booneville	Logan	600	9	48.0	.....	78	2	10	19	31	4.13	.....	1.83	0	6	15	4	12	s.	Supt. Tuberculosis San
Brinkley	Monroe	205	41	51.8	− 1.2	79	22	14	19	35	6.66	+1.24	1.98	0	10	13	3	15	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	46.0	.....	78	2†	9	19	48	4.00	+0.71	1.43	0	7	12	13	6	nw.	W. J. Copp.
Camden	Ouachita	158	37	51.0	− 4.7	77	3†	18	20	41	4.38	−0.67	0.76	0	14	12	5	14	s.	A. B. Quarterman.
Center Point	Howard	470	24	50.7[g]	− 6.1	70[n]	2	14	19	29[n]	4.56	−0.26	1.97	0	10	15	6	10	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	6.78	+2.56	1.75	0	9	11	5	15	s.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	6.36	.....	1.88	0	8	21	1	9	w.	Dr R. M. Hunter.
Conway	Faulkner	309	39	49.8	− 2.8	76	2†	14	19	39	4.48	+0.01	1.83	0	7	18	6	7	s.	E. E. Cordrey.
Corning	Clay	293	23	47.5	− 2.7	74	22	9	19	40	5.34	+0.67	1.76	0	8	17	6	8	s.	Rev. N. E. Skinner.
Dam No. 1, ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	8.01	.....	2.66	0	7	18	4	9	.....	H. S. Cooper.
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	4.70	.....	1.50	0	6	15	0	16	w.	C. P. Evans.
Dardanelle	Yell	330	37	49.4	− 2.7	72	13	12	19	50	5.03	+0.63	1.51	0	6	15	0	16	e.	J. D. Riley.
Dodd City	Marion	1175	41	45.2	− 3.9	76	2	4	19	46	3.93	−0.05	1.97	0	4	15	7	9	sw.	Neal Dodd.
Dumas	Desha	162	16	53.4	− 3.6	82	22	18	19	45	5.96	+0.95	1.80	0	14	9	13	9	s.	Ben. Johnson.
Dutton	Madison	1590	21	44.0[a]	− 3.7	70[a]	2†	4[a]	19	39[a]	5.31	+0.94	1.71	T.	8	13[c]	4[c]	11[c]	sw.	J. M. Ricketts.
El Dorado	Union	270	17	54.2	− 1.7	82	22	26	19	35	4.70	−0.12	0.85	0	15	12	2	17	sw.	I. J. Babb.
England	Lonoke	229	16	51.7[b]	− 2.9	79[b]	3†	16[c]	19	36[c]	6.41	+1.85	2.67	0	8	11[c]	4[c]	16[c]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	21	46.4	− 4.0	75	2	4	19	42	3.85	+0.25	1.28	T.	6	12	12	7	nw	George W. Nicholls.
Evening Shade	Sharp	.....	21	46.7[d]	− 2.9	75[d]	2	8[d]	19	52[d]	4.61	+0.36	1.64	0	5	14[c]	6[c]	8[c]	sw.	C. C. Price.
Fayetteville	Washington	1451	37	47.9	− 1.3	75	2	4	19	43	3.33	−0.67	0.90	0	5	11	11	9	ne.	University of Arkansas
Fort Smith	Sebastian	481	41	48.7	− 2.6	75	2	10	19	33	2.12	−1.50	0.74	T.	5	10	6	15	e.	U. S. Weather Bureau
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	3.87	−0.59	1.57	0	6	15	3	13	s.	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	6.80	.....	2.00	0	7	17	3	11	s.	Arthur Lentz.
Grannis	Polk	900	5	48.0	.....	72	25	10	18†	46	4.63	.....	1.66	0	9	19	6	6	e.	W. E. McVay.
Gravette	Benton	1250	25	44.9	− 4.5	74	2	5	19	43	4.30	+0.87	2.18	T.	6	12	6	13	sw.	A. F. Stevens
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	6.83	.....	1.97	0	8	15	10	6	sw.	E. C. Spranhurst.
Helena	Phillips	182	2	.....	.....	.....	.....	.....	.....	.....	7.88	+1.84	2.69	0	10	13	1	17	.....	James A. Burnett
Higden	Cleburne	445	55	.....	.....	.....	.....	.....	.....	.....	6.10	.....	1.70	0	8	20	4	7	sw.	J. A. Ingram.
Hope	Hempstead	377	51	53.0[a]	− 2.2	78[a]	25	17[a]	19	36[a]	4.25	−0.97	1.23	0	9	17[a]	2[a]	11[a]	n.	N. P. O'Neal
Hot Springs	Garland	600	30	50.2[b]	− 3.0	76[c]	26	13	19	38[c]	4.64	−0.44	1.41	0	10	15	5	11	.....	P. P. Patraw.
Huttig	Union	175	16	56.4	− 0.7	85	22	21	19	48	4.98	−0.24	0.83	T.	11	14	6	11	se.	J. L. O'Bell.
Jonesboro	Craighead	345	28	49.0	− 3.4	76	22	11	19	37	5.80	+1.16	2.00	0	11	19	5	7	s.	Benedictine Sisters.
Junction ‡‡	Union	182	30	55.0	− 1.8	82	22	21	19	36	4.96	−0.23	1.28	0	7	12	7	11	n.	J. A. Lauderback
Lincoln	Washington	1500	2	.....	.....	.....	.....	.....	.....	.....	3.71	.....	1.20	T.	5	10	7	14	nw.	L. E. Nabers.
Little Rock	Pulaski	286	44	49.6	− 3.4	74	3	14	19	32	5.09	+0.05	2.61	0	9	12	6	13	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	26	47.8	− 4.0	74	2†	9	19	36	4.84	+1.12	1.67	0	7	16	7	8	sw.	H. Kaufield.
Magnolia	Columbia	315	5	54.4	.....	79	23	20	19	37	3.32	.....	0.75	0	10	12	3	16	w.	State Agriculture scho
Malvern	Hot Springs	277	40	52.4	− 1.2	78	3†	16	19	41	5.35	+0.54	1.90	0	6	18	3	10	ne.	Mrs. W. L. Matthews.
Mammoth Spring ‡‡	Fulton	512	18	48.7	− 1.1	77	2	14	19	47	5.86	+2.82	1.90	0	8	21	2	8	s.	F. Wallick.
Marianna ‡‡	Lee	235	14	52.2	− 1.8	80	22	16	19	33	5.33	.....	1.05	0	9	14	5	12	se.	C. N. Houck.
Marked Tree	Poinsett	229	18	47.7	.....	73	2	13	18	37	8.08	+4.11	2.10	0	9	14	8	9	ne	Charles Walton.
Marshall	Searcy	1083	8	47.8	.....	74	2	7	19	42	3.77	.....	1.64	0	6	13	10	8	sw.	W. F. Reeves.
Mena	Polk	1185	35	48.8	− 3.5	75	26	10	19	36	5.77	+0.71	2.75	0	8	17	8	6	w.	E. W. St. John.
Morrillton ‡‡	Conway	347	3	50.6[a]	.....	75[a]	25	15[a]	20	39[a]	5.17	.....	1.65	0	6	22[a]	3[a]	5[a]	s.	W. C. Jackson.
Mountain Home	Baxter	800	9	44.2	.....	75	2	4	19	46	4.26	.....	1.87	0	6	20	1	10	w.	B. S. Herbert.
Mount Ida	Montgomery	730	25	.....	.....	.....	.....	12[c]	19	.....	4.20	−0.37	2.00	0	4	15[a]	1[a]	14[a]	sw.	G. A. Worthington.
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	4.52	.....	2.17	0	4	13	5	13	.....	Henry A. Davis.
Nail	Newton	2233	30	42.5	− 6.4	68	2	2	18	33	5.10	−0.24	2.00	0	7	15	5	11	s.	Charles Paxton.
Newport	Jackson	231	39	51.3	− 0.1	82	25	12	19	35	6.31	+1.93	2.00	0	8	16	6	9	nw.	George L. Robinson.
Osceola	Mississippi	240	23	49.1	− 1.7	78	4	13	19	45	4.24	−1.18	1.95	T.	7	16	5	10	n	Mrs. J. T. Driver.
Ozark	Franklin	450	26	50.0[d]	− 3.9	78[d]	8	11[d]	19	45[d]	4.22	−0.33	1.76	0	4	12	7	12	nw.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	16.55	.....	3.65	0	7	15	0	13	s	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	4.11	.....	1.50	0	5	12	7	12	n.	W. W. Wood.
Pine Bluff	Jefferson	215	39	52.8	− 1.3	83	22	17	19	37	4.78	−0.35	1.47	0	11	16	4	11	sw.	Miss. Theresa Scheu.
Pocahontas	Randolph	300	31	49.2	− 1.8	77	29	10	19	47	5.40	+0.82	1.50	0	7	17	5	9	s.	Benedictine Sisters
Portland	Ashley	122	17	54.9	− 1.8	88	22	21	19	42	5.76	+0.31	1.58	0	10	14	8	9	w.	W. E. Edmiston.
Prescott	Nevada	329	41	53.6	− 1.3	77	25	16	19	35	3.54	−0.88	1.93	0	11	17	1	13	w.	O. J. Stephenson.
Princeton	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	4.13	−0.07	1.55	0	5	17	0	14	.....	Foote Coleman.
Rison	Cleveland	243	19	53.7	− 0.7	82	22	24	20	38	4.00	−0.27	1.45	0	5	10	17	4	sw.	Geo H. Tisdale.
Rogers	Benton	1385	32	45.4	− 3.1	74	2	5	19	45	2.82	−0.68	0.99	T.	6	10	10	11	sw.	Carl A. Starck.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	4.49	+0.31	2.00	0	9	11	7	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	51.6	− 1.5	80	22	15	19	31	4.94	−0.49	1.81	0	8	14	9	8	nw.	H. A. Buerkle.
Subiaco	Logan	1050	26	49.6	− 3.3	78	2	12[a]	19	36[a]	4.62	+0.78	1.66	0	5	17	4	10	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	54.2	− 1.8	77	25	18	19	36	4.23	+0.29	1.08	0	10	12	3	16	n.	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	4.10	.....	1.92	T.	7	13	3	15	nw.	Dr. Cheves, Bevil
Warren	Bradley	206	28	55.0	− 0.3	84	22	20	19	37	4.49	+1.03	0.85	0	9	15	4	12	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	4.70	+0.84	2.20	0	5	16	3	12	sw.	Miss Eulela M. Schi
Wynne	Cross	250	15	50.7	− 0.1	76	22	14	19	36	7.60	+3.54	2.28	0	9	17	3	11	s.	E. O. Allen.
State Means and Extremes				49.6	− 3.0	88	22	2	18	52	5.04	+0.34	3.65	0.4	8	15	5	11	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in deriving section means. T. Precipitation is less than 0.01 inch rain or melted snow. ‡‡Received too late to be included in means and summaries. Reference letters [a], [c], appearing in table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, [illegible] La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1; Judsonia, Ark.

Daily Precipitation for March, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita			T.			.68				T.	.46				1.15						T.											2.29
Arkadelphia ‖	Ouachita						1.15	1.75				.22	.15				.52																3.79
Arkansas City ‖	Mississippi					.10	.10	.67				T.	.20				1.02						1.10	.25	.05			.32	.05	.15	T.	.15	4.16
Artberg	White			.30		1.20					1.30	1.00				1.85						.35										6.00
Batesville ‖	White				.12	.14	1.72				.14	1.25	.41			.06	1.77						.37	T.									5.98
Bee Branch	Arkansas			.10		.55	1.50			T.	1.60	.85				1.90					T.	.35											6.85
Bentonville ***	Arkansas			.50		.69	.01				.26	1.57				1.00		.03				T.											4.06
Black Rock ‖	White				.03		1.43	T.			.10	.25	.26			.04	1.81						.48										4.40
Booneville	Arkansas			.33		.67	.70				.44	.16				1.83						T.											4.13
Brinkley ‖	White					1.26	1.98				.62	1.08				.58	06					.61	.11	.36									6.66
Calico Rock ‖	White				.13		.94				.11	.94	.32		T.		1.43						.13										4.00
Camden ‖	Ouachita					.26	.76	.10				.09	.20				.59						.41	.33			.45	.29	.49	.20	.20	.01	4.38
Center Point	Red			.08	.35	1.97	.71			T.	.05	.28				1.01						.03		.02			.06	T.			T.		4.56
Clarendon ‖	White					.96	1.75	.22				.35	1.05			.05	1.00						.77	.63									6.78
Clinton	White			.34		.30	1.30				1.43	.78				1.88						.15	.18									6.36
Conway	Arkansas					.93	.41				.45	.59				1.83						.21											4.48
Corning	White					.17	1.15				.50	.85	.41			1.76						.08	.42										5.34
Dam No. 1 ‖	White					.45	2.66				.20	2.12	.35				1.85						.38										8.01
Danville ‖	Arkansas				.30	.65	1.50					.65	.30				1.30																4.70
Dardanelle	Arkansas				.26	.56	1.50					.80	.40				1.51																5.03
Dodd City	White			.34		1.38					.24	1.97																					3.93
Dumas	Arkansas			T.	.04	.10	.80			T.	T	.60	.02			1.80	.02					.58	.40	1.20			.10	.02	.10		.18		5.96
Dutton	White			1.11		.87	.18				.08	.69				1.71		T.				.04	.03										5.31
El Dorado ‖	Ouachita				.20		.50	.03				.05	.34				.86						.07	.38	.86			.70	.01	.48	.02	.17	.03	4.70
England	Arkansas			T.		2.67	1.16				.11	.31				.80						.54	.14	.68									6.41
Eureka Springs	White			.60		.56	.22				.25	1.28				.88		T.															3.85
Evening Shade	White						1.34				.51	.90				1.64						T.	.22										4.61
Fayetteville	White			.45		.70					.68	.90				.60						T.											3.33
Fort Smith ***	Arkansas			.19		.30	T.				.74	.23				.66		T.				T.	T.			T.							2.12
Fulton ‖	Red			.08		.59	1.57					T.	.27			T.	1.05						T.				T.		.31		T.		3.87
Georgetown ‖	White					.80	2.00				T.	1.00	.30				1.80						.70	.20									6.80
Grannis	Red			.62		1.23	.02			.01	.07	.70				1.66						.17	.15										4.63
Gravette	Arkansas			.50			.63				.11	2.18				.85	T.		T.				.03				T.						4.30
Heber Springs	White			.02		.89	1.43				1.82	.41				1.97						.12	.17										6.83
Helena	Mississippi				.20	.71	.80	.36				.36	.50				2.60							1.16	.96	.20								7.88
Hogden	White			.09		.47	1.32				1.40	.98				1.70						.02	.12										6.10
Hope	Red			.19	.28	1.13	1.23				.05	.19				.64											.24	T.	.24				4.25
Hot Springs	Ouachita			.04	.05	1.10	1.08			T.	.06	.28				1.44	T.					.21	.05	.03									4.64
Huttig	Ouachita				.15		.83						.45			.60	.45					.45	.30	.35			.90		.30		.20		4.98
Jonesboro	White				.01	.28	2.00			.07	.75	.53	.02			1.49	02					.19	.46										5.80
Junction	Ouachita			T.								.47				.78						.57		1.28			1.00		.49	.37	T.		4.96
Lincoln	Arkansas			.72		.82					1.20	.15				.82		T.															3.71
Little Rock ***	Arkansas			T.	.01	1.97	.30			.01	.29	.59				1.64						.31	T.	.06									5.00
Lutherville	Arkansas			.58		.36	.57				1.42	.21				1.67							.03										4.84
Magnolia	Red					.03	.75				.04	.27				.53						.23		.30			.50		.45		.20		3.32
Malvern	Ouachita				T.	1.00	1.90					.15	.20				1.80							.30	T.									5.35
Mammoth Spring	White			.26		.26	.91				.43	1.70	.25			1.90							.15										5.86
Marianna	Mississippi					1.05	.09				.48	.79				.86	.08					.47	.21	.40									5.33
Marked Tree ‖	Mississippi					.55	2.10	.05			.19	1.41	1.25				1.39						.96	.18									8.08
Marshall	White			.05		.18	.46			T.	.84	.60				1.64						T.	T.										3.77
Mena ‖	Ouachita			.02	.45	.69	1.48				.62	.17	.19				2.75		T.				T.										5.77
Morrillton	Arkansas			.02		1.00	1.65				.60	.35				1.55						T.		T			2.00	T.	.62	T.	.17		5.17
Mountain Home	White			.2		.6	.51				.33	.76				1.87						T.											4.26
Mount Ida	Ouachita			.06			1.84					.36				2.06																	4.20
Murfreesboro	Ouachita				.41	2.17							.47				1.47																	4.52
Nail	White			.70		.45	.40				1.00	.50				2.00						.10											5.10
Newport	White					.29	2.09				.06	1.11	.60			.04	1.59						.62											6.31
Osceola	Mississippi					.01	.02				.86	.90				1.95			T		.35		.15										4.24
Ozark	Arkansas			.61							1.60	.25				1.76											T.						4.22
Patterson ‖	White					.68	2.52				.18	2.26	.46				3.65					1.00											†
Pindall	White			.20		1.50					.58	.43				1.40																	4.11
Pine Bluff ‖	Arkansas				.18	.70	1.47	.18			.04	.20	.47			.08	.50						.51	.45									4.78
Pocahontas	White			.10			1.51				.35	.80	.50			1.70							.45										5.40
Portland ‖	Ouachita				.18		1.05					.55				1.58						.63	.40	.81			.61		.21		.23		5.76
Prescott	Ouachita				.22	.02	1.93	.05				.18	.07			T.	.28						.07	.02			.03		.09		T.		3.54
Princeton ‖	Ouachita						.72	1.55					.72				.59					.55											4.13
Reon	Ouachita						.40	1.25				.60				1.45						.60											4.30
Rogers	Arkansas			.49		.48	.06				.17	.99				.63		T.															2.82
Springbank ‖	Red				.65	.05	.95					.10	.15			T.	.40						T.	T			2.00	T.	.62	T.	.17		4.49
Stuttgart	Arkansas					1.81	.87				.09	.12				.63						.46	.22	.44									4.94
Subiaco	Arkansas			.36		1.01					1.39	.20				1.66						T.											4.62
Texarkana ‖	Red				.22	.65	1.08					.18	.12			.02	.80						T.				.55		.53		.08		4.23
Waldron	Arkansas			.36		.85	.64				.16	.12				1.92		T.				.01											4.10
Warren	Ouachita				.22	T.	.76					.27				.80						.45	T.	.85			.75	T.	.30		.15		4.49
Whitecliffs	Red					.80	2.20					.20	.10				1.40																4.70
Wynne	Mississippi				T.	.56	1.77	.09			.19	2.28	.76				1.10						.63	.22								T.	7.60

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch. † 10 55.

Daily River Stages for March, 1923.

Stations.	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.0	6.6	6.4	5.5	5.7	5.9	7.8	8.3	7.6	7.0	6.4	8.6	13.8	15.0	13.5	12.9	13.5	13.0	12.5	11.0	9.8	9.0	8.3	7.6	7.9	7.5	6.6	6.3	6.1	5.8	5.5
Dardanelle	do	20	5.5	5.2	4.7	4.3	4.3	6.0	5.8	6.8	7.0	6 7	7.5	8.8	9.1	12.4	13.3	15.0	13.3	12.8	11.7	10.8	9.7	8.6	8.2	7.0	6.5	6.0	5.6	5.0	4.8	4.3	4.0
Little Rock	do	23	7.8	7.5	6.7	6 2	5.9	6.8	8.8	9.6	9.8	9.9	9. 4	10.5	10.7	11.0	13.5	15.0	16.8	15.9	14.6	14.0	13.0	11.9	10.1	9.3	8.1	7.1	6 9	5.7	5.3	4.6	4.2
Pine Bluff	do	25	12.0	11.8	11.4	10.3	10.7	10.3	11.8	13.4	13.8	13.9	13.6	13.4	13.4	14.4	15.1	17.3	18.9	19.3	18.4	17.8	17.1	16.3	15.9	14.1	13.1	12.1	11.1	10.4	9.8	9.3	9.7
Black Rock	Black	14	7.3	7.0	6.7	6.5	6.1	8.3	11.0	11.4	11.0	10.8	10.8	15.3	18.0	18.0	17.0	20.8	23.1	23.6	23.0	22.6	23.0	23.0	22.8	22.1	21.8	21.4	20.8	19.9	19.0	18.0	17.1
Calico Rock	White	18	2.7	2.5	2.3	2.1	2.5	3.4	5.7	6 0	5.5	6.7	6.4	11.8	11.9	11.9	12.0	18.7	16.3	12.3	11.2	9.7	8.1	7.1	6.4	5.7	5.2	4.8	4.5	4.1	4.0	3.7	3.4
Batesville	do	23	8.5	8 5	8.4	8 2	7.8	11.0	11.6	12.5	12.3	12.1	13.7	16.2	19.2	19.2	19.2	23.4	25.6	22.2	19.6	18.6	16 6	14.4	13.2	12.3	11.7	11.1	10.6	10.3	9.9	9.5	9.4
Newport	do	26	11.8	11.2	10.3	9.8	9.4	9.4	10.1	10.9	11.4	11.6	12.9	16.7	19.3	19.9	20.6	22.7	24.7	26.3	26.5	24.9	24.3	24.1	23.6	22.8	22.4	21.8	21.0	20.3	19.8	19.2	18.3
Georgetown	do	22	18.2	17.6	16.8	16.0	15.2	15.6	17.4	18 2	18.6	18.6	18.	19.8	20.	21.0	21.0	21.4	22.0	22.6	22.9	23.2	23.3	23.4	23.4	23.3	23.1	22.8	22.6	22.4	22.2	21.8	21.5
Clarendon	do	30	26.1	26.3	26 1	25.8	25.7	25.6	25.6	25.5	25.5	25.7	25.6	25.8	25.9	26.0	26.2	26.4	26.8	27.2	27.5	27.9	28.2	28.5	28.8	28.9	28.9	29.0	28.9	28.8	28.7	28.6	28 4
Helena	Mississippi	42	31.4	28.5	25.5	23.1	20 9	19.4	18.8	18.7	18.6	19.3	21 0	23.3	25.5	27.8	30 3	32.7	34.8	36.4	37.6	38.8	40.0	41.1	42.1	42.9	43.6	44.2	44 7	45.0	45.2	45.4	45.4
Arkansas City	do	42	43.2	41.9	40.1	37.3	35.5	33.3	31.8	30.7	29.5	29 0	28.8	29	29.	32.5	34.	35.9	37.2	38.7	39.9	40 8	41.7	42.7	43.7	44.6	45.4	46.2	46.9	47.5	47.9	48.3	48.6
Camden	Ouachita	49	28.5	30.6	31 8	31.6	30.5	28.6	28.0	29 3	31.0	32.9	33.	33.	32.6	30.5	28.3	26.2	25.6	25.9	28.3	29.0	28 8	27.6	25.6	22.1	19.4	18.6	17.2	17.6	14.0	13.0	12.0
Danville	Petit Jean	20	20.5	18 9	17	16 5	10.8	19.0	21.4	21.5	20.1	17.0	14.9	15 2	14 4	11.7	9.6	19.6	22.4	22.7	21.4	19.4	15.4	11.3	8.8	7 4	6.3	5.9	5.5	5.3	5.2	5.2	5.1
Fulton	Red	28	18 4	19.2	18 8	18.0	16.9	16.4	18.7	21.0	21.4	21.1	20.8	20.0	19.6	18 4	17. 4	17.0	17.7	19.1	20.0	20.2	19.6	19.0	18.3	17.2	15.8	14.3	12.7	11.3	10.5	10.0	9.6
Arkadelphia	Ouachita	18	7.4	5.6	4.1	4	4.0	11.5	14.4	14.0	9.4	5.9	5.0	4.7	4.3	4.0	3.2	10 2	12.6	10.7	5.6	4.8	4.5	3.9	3.5	3.4	3 0	2 8	2 1	2.3	2.0	2 9	2.7
Patterson	Cache	9	8.0	7.9	7.8	7.7	7.6	8.0	8 5	8 8	8.9	8.9	9.1	9.2	9.1	9.0	9 0	9 6	9.6	9.5	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9 2	9.0	8.9	8.7

Daily Temperatures for March, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	67	73	70	66	66	50	61	69	63	65	70	67	61	67	66	58	57	53	42	53	50	72	64	68	75	61	63	64	67	69	56	63.0
	Minimum	31	34	50	42	48	45	27	30	46	51	49	39	30	29	53	29	23	26	14	23	37	40	35	29	30	53	42	49	30	42	32	36.4
Batesville§§	Maximum	61	73	71	54	47	48	56	67	60	54	68	64	54	62	62	44	51	55	35	52	62	70	57	61	72	56	66	58	68	62	43	58.6
	Minimum	26	28	45	46	39	40	24	25	41	53	39	42	35	26	29	29	25	23	10	11	31	41	36	28	28	39	32	36	28	29	21	32.2
Bee Branch	Maximum	68	75	73	66	51	45	55	64	67	55	58	58	59	60	62	61	55	52	33	50	52	75	64	65	74	75	67	63	66	65	59	61.0
	Minimum	28	41	47	41	35	38	25	30	43	40	36	39	37	27	48	23	22	22	6	22	32	41	30	28	32	35	34	43	29	43	21	52.8
Bentonville	Maximum	69	74	66	61	45	47	55	65	61	56	62	55	48	58	54	42	55	45	32	53	54	58	52	64	71	53	59	59	67	54	46	56.1
	Minimum	34	48	56	31	33	34	29	38	50	39	37	37	33	34	27	20	30	8	4	27	41	33	29	31	38	30	31	40	38	29	22	32.6
Booneville	Maximum	68	73	71	66	42	47	58	63	65	60	61	61	58	62	62	40	52	52	31	38	50	46	48	64	72	72	68	66	61	61	55	57.3
	Minimum	37	50	60	39	37	40	36	46	56	45	44	43	41	36	36	26	32	23	10	25	37	44	36	36	45	44	42	39	39	50	30	38.7
Brinkley	Maximum	65	75	77	74	55	49	58	68	63	64	72	70	62	67	65	61	58	60	39	55	51	79	70	67	75	71	63	60	66	61	55	65.7
	Minimum	34	44	54	55	42	44	31	38	49	45	45	51	44	36	52	31	29	39	14	25	35	46	39	34	40	44	40	48	34	45	27	39.9
Calico Rock§§	Maximum	75	78	67	48	48	46	59	69	62	48	64	67	51	64	58	50	56	58	36	56	60	74	59	68	78	60	69	62	73	61	46	60.3
	Minimum	28	30	37	42	39	39	26	27	34	46	39	42	34	28	30	27	25	28	9	11	33	44	35	27	30	36	33	35	20	32	24	31.6
Camden§§	Maximum	68	76	77	76	70	54	62	70	69	71	77	70	66	70	70	51	61	58	41	57	65	79	65	68	76	59	59	59	63	65	51	65.3
	Minimum	36	35	39	55	45	46	29	30	34	53	59	43	34	32	40	35	26	28	19	18	23	42	42	32	33	37	44	45	34	37	36	36.8
Center Point	Maximum	63	70	66	63	57	50	58	68	61	66	68	62	58	67	63	46	55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	36	44	55	50	42	44	31	40	52	58	54	41	36	40	46	27	29	25	14	25	25	50	36	35	41	54	46	48	38	47	36	40.2
Conway	Maximum	71	76	72	57	50	50	60	70	64	62	72	66	59	65	63	61	57	56	36	55	49	71	60	67	76	68	63	61	67	62	53	62.1
	Minimum	32	41	55	49	40	44	28	35	34	35	43	45	39	34	54	31	27	31	14	21	39	46	35	31	38	45	40	46	32	47	28	37.5
Corning	Maximum	64	73	69	68	53	47	52	65	64	56	69	69	58	59	60	57	54	60	33	51	48	74	62	64	71	65	61	58	68	61	45	60.0
	Minimum	28	45	51	47	38	39	27	37	44	37	57	44	36	29	47	28	30	23	9	25	35	42	34	30	44	34	30	40	28	42	21	35.0
Dardanelle	Maximum	62	66	66	61	57	50	61	66	68	62	69	58	72	66	63	52	60	59	62	57	60	64	59	68	70	70	66	68	62	61	58	62.4
	Minimum	30	44	46	36	34	34	30	40	42	45	44	40	40	37	49	28	30	37	12	26	33	56	32	32	42	44	40	44	40	32	31	36.4
Dodd City	Maximum	73	76	75	64	40	43	58	65	61	55	55	61	55	61	59	55	54	54	36	53	55	48	54	67	75	71	65	60	70	65	48	59.1
	Minimum	27	40	47	33	33	36	23	32	42	37	35	40	33	26	46	20	23	24	4	22	36	43	28	26	35	31	27	38	31	37	18	33.2
Dumas	Maximum	68	75	72	70	67	67	60	70	67	75	78	73	65	70	70	58	58	61	43	55	65	82	70	68	77	65	66	57	65	60	55	66.1
	Minimum	35	40	53	54	53	45	31	33	50	57	57	50	41	37	52	35	26	35	18	24	35	57	40	34	38	57	41	46	34	48	36	40.8
Dutton	Maximum	64	70	65	61	50	45	53	65	63	53	59	57	51	58	55	41	53	48	35	51	45	57	55	61	....	70	64	64	65	58	54	56.2
	Minimum	25	43	53	33	33	34	22	29	42	42	45	37	34	26	40	19	24	13	4	21	37	38	29	23	....	33	26	36	29	35	20	31.9
El Dorado	Maximum	68	76	76	79	71	70	64	71	69	74	76	72	66	72	71	52	61	60	42	57	59	82	70	70	75	60	58	57	59	62	57	66.0
	Minimum	40	42	53	55	48	46	33	38	51	59	57	48	40	37	51	35	30	33	20	25	40	58	42	37	41	49	44	45	37	45	36	42.5
England	Maximum	69	76	79	70	57	50	60	70	66	66	74	71	62	66	67	61	56	60	56	57	59	73	64	68	77	70	65	....	....	68	57	64.1
	Minimum	39	41	55	56	42	45	30	38	....	48	42	46	38	36	54	33	29	33	16	27	35	49	37	34	41	45	40	....	....	35	29	39.0
Eureka Springs	Maximum	68	75	67	64	47	47	58	68	61	55	61	61	49	61	57	41	57	50	34	55	54	60	55	65	72	72	66	61	68	59	46	58.8
	Minimum	35	51	55	31	32	34	29	41	57	37	36	38	34	30	32	19	29	13	4	25	38	38	27	37	40	50	32	40	39	40	19	33.9
Fayetteville	Maximum	67	75	74	74	55	45	54	64	61	67	62	56	52	69	69	45	50	40	32	65	68	58	53	69	74	74	69	70	69	63	64	61.5
	Minimum	33	50	55	31	34	35	28	42	42	41	43	39	33	33	36	20	30	11	1	24	45	38	28	33	47	31	43	42	44	21	34	34.3
Fort Smith	Maximum	70	75	70	62	45	51	62	67	62	57	66	57	56	64	62	45	59	47	34	57	49	52	58	68	75	60	65	64	65	66	48	59.3
	Minimum	37	46	57	37	40	40	33	39	53	46	45	43	41	38	33	27	32	15	10	27	43	38	33	36	35	41	43	38	41	42	32	38.1
Grannis	Maximum	54	70	66	64	51	50	58	57	60	65	65	59	55	65	62	46	56	53	38	51	51	68	56	64	72	67	60	65	63	65	61	59.7
	Minimum	34	32	52	43	41	40	28	34	49	54	53	36	36	35	42	25	25	10	10	24	29	47	33	32	39	50	45	46	46	34	33	35.2
Gravette	Maximum	70	74	68	66	36	47	56	65	60	57	61	57	51	60	58	48	57	53	33	56	54	59	54	60	71	69	62	65	67	62	47	58.2
	Minimum	27	48	56	31	33	35	23	30	42	40	39	41	32	30	33	19	26	13	5	25	39	55	26	26	49	29	27	31	33	36	21	31.6
Hope	Maximum	....	75	74	70	61	58	62	70	68	66	75	68	64	70	71	50	69	57	40	55	54	74	67	64	78	68	58	62	65	68	52	64.2
	Minimum	....	50	57	54	45	46	31	38	54	54	58	46	39	36	43	32	30	34	17	27	40	54	30	34	42	44	44	46	57	46	35	41.8
Hot Springs	Maximum	....	....	....	....	....	50	60	70	66	62	70	69	62	67	65	58	58	56	39	55	57	73	62	67	76	73	62	61	66	67	59	62.5
	Minimum	35	35	50	48	40	44	30	36	47	49	46	41	36	34	49	29	27	30	13	26	36	47	35	33	38	47	43	47	43	45	30	38.0
Huttig	Maximum	74	77	80	83	78	72	62	71	72	74	78	78	74	71	76	72	62	64	59	57	57	85	83	83	75	67	69	68	61	60	55	70.3
	Minimum	37	37	53	56	51	49	32	35	51	58	59	48	34	37	40	36	29	44	21	32	50	56	44	35	39	53	45	47	42	47	38	42.4
Jonesboro	Maximum	65	74	75	69	53	47	55	65	63	56	69	66	59	61	63	59	56	61	33	54	47	76	62	65	72	68	65	56	69	61	51	63.1
	Minimum	34	45	52	52	39	41	31	34	46	39	40	46	40	30	52	34	28	30	11	24	29	44	37	35	41	39	34	42	32	36	21	36.9
Junction	Maximum	66	72	74	76	79	69	62	68	74	78	77	73	75	76	78	77	63	64	44	57	59	82	74	70	67	64	58	61	47	58	54	68.9
	Minimum	34	46	56	46	50	52	48	29	38	47	50	48	42	50	51	55	44	25	40	21	22	38	35	33	37	32	46	45	32	47	28	42.0
Little Rock	Maximum	65	73	74	65	46	49	58	66	63	62	73	68	58	66	67	43	57	52	34	54	53	72	57	63	73	59	61	56	64	66	44	60.1
	Minimum	38	46	56	43	40	41	35	39	53	44	43	48	41	39	38	32	32	20	14	27	39	43	36	36	44	43	46	40	41	28	28	39.2
Lutherville	Maximum	66	74	68	63	45	57	59	66	58	57	62	59	55	62	58	47	56	51	30	53	48	56	63	65	74	68	67	65	63	63	53	54.0
	Minimum	35	38	55	42	37	40	30	36	52	43	43	42	39	33	40	24	26	23	9	23	38	42	29	36	40	40	40	48	40	48	29	40.7
Magnolia	Maximum	67	77	74	75	69	74	63	74	70	74	77	69	65	70	74	60	61	64	40	57	59	76	79	69	77	67	69	57	58	65	70	67.2
	Minimum	38	45	55	55	47	49	32	41	52	59	58	45	33	39	36	33	31	22	24	25	40	41	32	36	42	51	48	45	42	38	38	41.7
Malvern	Maximum	68	76	78	68	61	54	63	73	66	65	73	70	65	71	68	61	61	58	34	56	55	77	66	68	78	74	62	62	71	70	58	65.8
	Minimum	32	39	52	54	42	46	28	32	48	50	46	43	33	33	54	32	25	30	16	24	41	48	38	32	38	50	42	46	35	44	32	38.9
Mammoth Spring	Maximum	72	77	67	62	46	45	57	70	63	58	64	65	55	61	59	59	57	61	37	53	57	74	59	69	76	73	68	68	72	62	51	64.8
	Minimum	25	35	44	42	38	41	27	33	41	40	40	45	34	28	50	29	26	25	14	29	38	47	38	34	38	58	34	36	33	44	27	35.6
Marianna	Maximum	63	73	76	74	71	57	55	66	60	67	72	75	65	65	67	65	54	63	35	51	47	80	72	65	71	52	62	64	65	69	60	63.6
	Minimum	34	40	49	45	44	44	32	37	51	47	47	47	43	36	55	35	30	33	16	25	37	47	41	35	44	43	41	42	39	50	30	39.8
Marked Tree §§	Maximum	71	73	65	50	48	54	65	62	54	72	67	53	61	65	43	55	60	32	54	53	71	54	64	70	42	63	54	66	55	42	55	57.9
	Minimum	40	49	55	41	41	34	36	45	52	42	46	43	35	32	34	32	35	13	14	31	39	40	39	11	42	40	41	37	40	26	27	37.5
Marshall	Maximum	67	74	73	64	47	45	56	66	61	53	68	61	55	61	60	48	64	59	36	52	47	66	55	65	72	67	65	58	67	64	47	59.2
	Minimum	33	51	57	38	36	38	30	43	52	41	37	42	42	33	42	28	23	17	7	27	38	45	31	36	46	44	34	38	43	37	21	36.5
Mena	Maximum	68	73	65	61	47	49	61	70	62	62	63	68	53	68	60	46	57	59	40	52	50	63	59	59	69	75	61	64	66	63	53	60.3
	Minimum	34	47	55	41	38	39	28	37	50	48	48	38	35	32	35	25	25	20	10	24	40	48	34	32	40	45	50	44	34	50	32	37.1
Morrillton	Maximum	65	72	70	65	53	49	59	65	65	62	71	62	58	64	61	55	56	52	....	54	52	60	58	66	75	73	62	60	65	61	57	61.6
	Minimum	35	47	55	48	39	43	32	31	51	45	42	45	45	35	52	30	31	30	....	15	38	45	35	35	41	43	41	45	35	49	28	39.5
Mt. Home	Maximum	71	75	66	63	45	45	59	68	58	54	59	61	51	62	56	44	55	51	33	51	46	69	56	67	74	66	64	70	58	45	39	57.9
	Minimum	25	41	47	36	34	38	23	30	45	35	35	45	33	24	36	21	22	13	4	22	35	40	29	27	37	30	30	28	30	19	22	32.6
Mount Ida	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	28	36	58	44	....	40	24	27	49	53	47	37	28	25	45	27	29	22	12	20	41	47	32	25	32	48	36	42	27	45	32	35.0
Nail	Maximum	62	68	64	62	58	52	52	62	59	52	55	57	47	55	55	54	58	34	39	47	45	49	59	58	65	50	57	60	60	55	50	53.9
	Minimum	35	45	50	48	32	30	29	38	34	33	33	32	32	35	33	32	10	2	15	17	33	34	35	35	35	33	34	35	30	27	17	31.1
Newport	Maximum	60	74	76	71	51	48	56	67	65	59	70	70	62	64	63	59	55	60	35	54	52	78	65	67	82	78	65	61	68	64	50	63.0
	Minimum	43	47	50	51	40	45	31	40	59	41	41	45	40	32	53	31	32	30	12	28	37	45	33	35	60	41	38	46	34	48	25	39.6
Osceola	Maximum	63	74	71	78	60	55	59	67	66	61	73	69	61	62	68	64	55	65	51	52	49	77	65	75	62	60	55	65	65	48	64.0
	Minimum	30	34	43	50	38	41	28	35	48	41	40	48	40	33	43	31	30	30	15	14	35	42	36	30	28	37	40	35	42	29	25	35.2
Ozark	Maximum	71	76	68	65	63	60	61	78	69	60	65	61	64	65	59	49	59	48	35	....	....	....	....	68	70	76	75	65	68	67	50	63.2
	Minimum	32	31	51	42	39	31	29	35	51	46	46	42	39	35	39	26	28	20	11	....	....	....	....	42	43	39	40	38	40	48	30	36.8
Pine Bluff	Maximum	71	75	80	78	57	51	69	73	65	70	76	72	65	70	70	65	60	65	40	57	54	83	60	67	78	67	63	60	65	67	55	66
	Minimum	34	41	55	55	42	37	30	37	51	50	50	45	40	37	51	34	31	32	17	25	34	52	40	34	37	46	46	50	37	47	33	41
Pocahontas	Maximum	65	74	68	68	56	49	54	67	61	56	65	68	64	61	69	56	54	60	37	52	49	74	67	65	71	70	68	62	77	65	57	64.9
	Minimum	28	43	52	47	40	42	27	51	42	38	39	45	35	29	40	30	28	28	10	25	36	43	36	39	38	37	33	42	30	44	24	36.5
Portland	Maximum	58	67	73	73	71	68	53	60	65	68	79	72	67	67	58	57	67	65	58	58	57	82	77	77	77	70	63	64	67	65	60	67.4
	Minimum	39	41	52	57	50	48	33	36	51	53	63	50	42	32	46	37	27	37	21	25	35	54	44	35	39	52	43	37	38	38	35	39.5
Prescott	Maximum	68	76	73	70	63	54	61	70	68	73	74	67	65	69	70	57	59	58	41	55	52	75	71	68	77	74	66	61	66	68	64	64.4
	Minimum	39	43	57	52	44	48	33	38	53	53	54	50	34	34	50	32	30	33	16	24	36	51	33	33	41	52	43	47	36	47	35	41.9
Rison	Maximum	68	76	78	75	63	61	62	75	69	72	75	72	64	68	69	59	59	62	36	56	54	82	70	67	77	69	63	61	59	67	55	66.3
	Minimum	35	45	55	57	43	45	30	37	51	44	52	45	39	37	54	40	28	33	20	24	34	37	31	31	37	36	36	37	37	37	31	41.1
Rogers	Maximum	68	74	67	64	47	46	57	66	60	66	66	57	50	61	58	43	57	52	34	53	52	75	65	65	72	69	67	64	67	69	58	61.6
	Minimum	23	54	56	31	33	34	25	31	52	38	....	39	31	30	34	21	24	13	5	25	27	46	29	27	36	41	30	40	33	37	29	32.6
Stuttgart	Maximum	65	73	73	71	56	51	57	67	69	65	74	70	61	66	68	62	55	62	35	59	59	82	64	65	73	65	61	56	62	64	54	62.6
	Minimum	35	42	64	56	42	44	33	38	50	48	48	48	42	33	38	30	29	31	15	27	38	42	30	35	42	46	40	39	39	37	33	40.7
Subiaco	Maximum	70	78	70	68	45	50	63	70	61	61	70	65	55	65	69	47	61	54	36	50	57	77	61	69	77	68	66	64	67	67	57	61.5
	Minimum	36	42	58	41	39	42	30	37	55	46	41	42	42	38	....	27	29	24	12	24	41	52	37	41	53	39	46	57	41	49	29	38.2
Texarkana	Maximum	70	75	73	68	62	57	63	72	68	75	78	73	68	65	69	68	52	60	37	54	57	74	63	71	77	69	57	64	65	68	64	65.2
	Minimum	29	44	57	52	47	49	33	34	53	60	63	48	37	40	47	32	30	36	18	28	43	56	40	35	47	57	47	45	39	47	33	43.3
Warren	Maximum	68	77	79	81	68	68	64	72	76	75	77	75	67	70	71	58	62	55	34	57	59	82	71	69	77	67	66	57	66	52	56	67.1
	Minimum	37	41	55	56	47	47	33	38	54	61	58	48	44	36	58	36	32	33	9	33	38	52	35	34	41	54	45	47	36	48	34	42.6
Wynne	Maximum	64	71	75	69	55	54	55	65	60	55	72	68	62	62	62	60	60	59	39	54	46	76	70	65	72	69	62	55	60	62	54	61.8
	Minimum	31	42	55	54	42	42	29	42	38	43	44	50	39	32	54	31	29	33	13	27	41	46	30	32	40	44	39	37	34	46	36	39.6

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day on which a low reading always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., APRIL, 1923. No. 4.

GENERAL SUMMARY.

Although the mean temperature was slightly above normal and the precipitation considerably above, there were no record breaking extremes and, considered as a whole, the month was not unusual. Owing to the cool weather the last of March and the first days of April when freezing temperatures and killing frosts occurred in most sections, vegetation development was checked and the continued rainy weather kept field work somewhat behind normal seasonal advancement.

Heavy hail and wind storms did damage at different points during the month. On the afternoon of April 4th heavy hail fell at several stations, Marianna reporting stones measuring over 7 inches in circumference and at Pacahontas the worst hailstorm in many years occurred. A disastrous hailstorm, followed by heavy winds and rain, occurred April 28th in the country surrounding Dardanelle and Russellville. Hail as large as hen eggs fell and in the windstorm, houses were unroofed and damage estimated at $200,000 to $300,000 occurred. In this section 1,500 acres of cotton will have to be replanted.

W. C. H.

TEMPERATURE.

The mean temperature for the month of April, as determined from the records of 55 stations, was 61.4° which is 0.2° above normal, positive departures prevailing in all sections. The highest monthly mean was 66.4° at Junction and Portland, the lowest, 55.2° at Nail. The highest temperature recorded during the month was 95° at Calico Rock on the 24th, the lowest, 23° at Bee Branch on the 1st. Extremes occurred on approximately these dates throughout the State. The greatest daily range was 46° on the 7th at Dodd City and on the 23d at Calico Rock.

PRECIPITATION.

The average precipitation for 76 stations during the month of April was 6.30 inches which is 1.52 inches above normal. Negative departures were recorded at 12 stations, principally in the northwestern counties, positive in all other sections. Monthly totals ranged from 10.24 inches at Arkansas City to 1.87 inches at Harrison. The greatest amount measured in 24 consecutive hours was 3.90 inches at Conway on the 24th. The average number of rainy days was 11.

MISCELLANEOUS DATA

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date	7 a. m.	7 p. m.	
Bentonville..	29.96	30.34	1	29.43	20	5,136	30	s.	7	.....	.....	47
Fort Smith...	29 94	30.42	1	29.46	20	6,503	39	sw.	20	81	59	59
Little Rock	29.95	30.46	1	29.51	20	6,520	43	s.	28	78	55	77
Memphis....	29.99	30.52	1	29.59	13	6,697	54	sw.	4	71	54	67

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 2d, 6; 3d, 10; 4th, 21; 5th, 4; 7th, 7; 8th, 4; 13th, 1; 17th, 2; 20th, 12; 21st, 3; 22d, 7; 23d, 12; 24th, 14; 27th, 20; 28th, 22.

Dense Fog:– 4th, 1; 17th, 1.

Lunar Halos:– 1st, 1; 22d, 1; 24th, 1; 26th, 1; 30th, 1.

Solar Halos:– 9th, 1; 10th, 1; 16th, 1; 25th, 1.

Heavy Hail:– 4th, Batesville, Pocahontas, Lutherville, Black Rock, Marianna; 7th, Waldron; 23d, England; 27th, Camden, 28th, Dardanelle, Russellville, Lincoln.

Moderate Hail:–4th, Ozark.

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Last Killing Frost in Spring.

Station.	Date.	Station.	Date	Station.	Date.
Amity	Apr. 1	Evening Shade	Apr. 6	Morrillton	Apr. 1†
Arkadelphia	Apr. 6	Fayetteville	Apr. 8†	Mountain Home	Apr. 9
Arkansas City	Apr. 1	Fort Smith	Mar. 31	Mount Ida	Apr. 1†
Arlberg	Mar. 24	Fulton	Mar. 31	Murfreesboro	Mar. 31
Batesville	Apr. 1†	Georgetown	Apr. 1	Nail	Apr. 1†
Bee Branch	Apr. 1†	Grannis	Apr. 1†	Newport	Apr. 1†
Bentonville	Apr. 9	Gravette	Apr. 9†	Okay	Apr. 2†
Black Rock	Mar. 31	Harrison	Apr. 8	Osceola	Apr. 1†
Booneville	Mar. 31†	Heber Spring	Mar. 31	Ozark	Apr. 2†
Brinkley	Apr. 1†	Helena	Apr. 1	Patterson	Mar. 31
Calico Rock	Apr. 1†	Higden	Mar. 31	Pindall	Mar. 31
Camden	Apr. 8†	Hot Springs	Apr. 1†	Pine Bluff	Apr. 1†
Center Point	Apr. 1†	Hope	Apr. 1†	Pocahontas	Apr. 1†
Clarendon	Apr. 1	Huttig	Mar. 24	Portland	Apr. 1†
Clinton	Mar. 24	Jonesboro	Mar. 31	Prescott	Apr. 1†
Conway	Apr. 1†	Junction	Apr. 1†	Princeton	Mar. 31
Corning	Apr. 1†	Lincoln	Apr. 24	Rison	Apr. 1†
Dam No. 1	Mar. 29	Little Rock	Apr. 1	Rogers	Apr. 1†
Danville	Mar. 31	Lutherville	Apr. 1	Springbank	Mar. 19
Dardanelle	Mar. 30†	Magnolia	Mar. 20†	Stuttgart	Apr. 1†
Dodd City	Apr. 1†	Malvern	Apr 1†	Subiaco	Apr. 1†
Dumas	Apr. 1†	Mammoth Spring	Mar. 31†	Texarkana	Mar. 31†
Dutton	Apr. 9†	Marianna	Mar. 20	Waldron	Apr. 1†
El Dorado	Mar. 20	Marked Tree	Mar. 31†	Warren	Apr. 1†
England	Apr. 1†	Marshall	Apr. 1†	Whitecliffs	Mar. 21
Eureka Springs	Apr. 8†	Mena	Apr. 1†	Wynne	Apr. 1†

† No killing frost record; last freezing temperature in spring.

COMPARATIVE DATA FOR ARKANSAS---- APRIL.

Year.	Temperature.				Precipitation.		Number of days.			
	Mnthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes.	61.2		98	19	4.78		12	9	9	8
1891.....	62.8	+1.6	93	22	2.75	+2.03	15	10	5	8
1892.....	61.4	+0.2	97	22	6.98	+2.20	12	9	9	10
1893.....	64.9	+3.7	94	29	7.16	+2.38	11	10	9	8
1894.....	63.1	+1.9	91	29	6.18	+1.40	14	8	8	9
1895.....	63.1	+1.9	98	30	1.99	−2.79	15	8	7	6
1896.....	67.8	+6.6	94	24	3.65	−1.13	12	12	6	5
1897.....	61.4	+0.2	90	27	4.14	−0.64	12	11	7	9
1898.....	59.2	−2.0	93	19	3.09	−1.69	14	8	8	8
1899.....	60.7	−0.5	96	19	3.28	−1.50	10	11	9	7
1900.....	62.2	+1.0	96	24	4.98	+0.20	10	12	8	10
1901.....	58.1	−3.1	96	22	3.82	−0.96	14	8	8	6
1902.....	61.2	0.0	96	25	2.87	−1.91	11	11	8	8
1903.....	60.6	−0.6	91	26	1.86	−2.92	13	10	7	6
1904.....	56.8	−4.4	89	24	3.88	−0.90	11	9	10	8
1905.....	61.1	−0.1	96	25	6.29	+1.51	9	10	11	11
1906.....	63.7	+2.5	97	27	2.55	−2.23	15	7	8	6
1907	54.9	−6.3	89	24	5.44	+0.66	10	7	13	9
1908.....	63.3	+2.1	93	24	6.32	+1.54	9	9	12	12
1909.....	60.9	−0.3	88	24	4.52	−0.26	15	7	8	8
1910.....	59.8	−1.4	90	22	5.14	+0.36	12	9	9	9
1911.....	60.5	−0.7	90	29	9.86	+5.08	10	9	11	12
1912.....	61.9	+0.7	93	26	8.14	+3.36	9	11	10	12
1913.....	61.2	0.0	94	27	4.91	+0.13	17	6	7	6
1914.....	61.0	−0.2	94	19	4.57	−0.21	11	9	10	9
1915.....	64.3	+3.1	96	19	2.96	−1.82	14	8	8	5
1916.....	59.9	−1.3	92	24	3.65	−1.13	13	7	10	7
1917.....	60.4	−0.8	90	23	5.69	+0.91	14	7	9	9
1918.....	59.6	−1.6	96	25	7.63	+2.85	14	6	10	9
1919.....	61.6	+0.4	95	24	3.56	−1.22	14	6	10	7
1920.....	59 8	−1.4	94	21	5.49	+0.71	14	7	9	9
1921.....	59.8	−1.4	91	22	7 87	+3.09	14	6	10	9
1922.....	63.5	+2 3	90	26	5.54	+0 76	13	6	11	9
1923.....	61.4	+0.2	95	23	6.30	+1.52	14	7	9	11

* Based on 30 years record.

Climatological Data for April, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	62.0[a]	− 0.1	89[a]	27	29[a]	1	39[a]	7.28	+1.59	2.15	0	8	13[a]	11[a]	5[a]	s.	James Dillard.
Arkadelphia	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	5.95	+0.67	1.45	0	9	11	0	19	.....	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	10.24	+5.78	2.04	0	12	12	7	11	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	5.85	.....	0.90	0	10	14	3	13	.....	J. D. Reeves.
Batesville	Independence	277	24	59.0[e]	− 0.4	85[j]	23†	25	1	36[j]	6.24	+1.62	1.23	0	10	12	3	15	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	31	60.4[a]	− 0.5	85[a]	23†	23[a]	1	40[b]	6.05	+1.71	1.40	0	11	14	5	11	sw.	J. E. Scanlan.
Bentonville	Benton	1303	17	57.4	+ 0.5	85	23	30	8	36	2.47	−1.42	0.96	0	12	10	6	14	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	6.16	+0.62	2.45	0	8	17	1	12	.....	Vernon C. Howe.
Booneville	Logan	600	9	61.0	.....	83	23	40	1†	29	4.69	.....	1.19	0	13	14	5	11	s.	Supt. Tuberculosis San
Brinkley	Monroe	205	41	62.8	+ 1.1	85	28	30	1	33	9.57	+4.60	2.36	0	11	16	3	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	59.4[e]	.....	95[f]	24	25	1	46[f]	3.32	−1.48	0.64	0	9	10	15	5	sw.	W. J. Copp.
Camden	Ouachita	158	37	61.6	− 2.0	87	22	30	8	37	7.30	+2.09	1.40	0	12	15	6	9	s.	A. B. Quarterman.
Centerpoint	Howard	470	24	62.2	− 0.8	86	24	32	1	29	6.18	+1.42	1.08	0	12	14	5	11	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	..	.....	8.68	+2.50	2.10	0	13	11	7	12	s.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	5.25	.....	1.05	0	11	18	6	6	w.	Dr. R. M. Hunter.
Conway	Faulkner	309	39	61.8	− 0.2	85	23	29	1	34	8.25	+3.96	3.90	0	10	17	9	4	s.	E. E. Cordrey.
Corning	Clay	293	23	59.3	− 0.1	86	22	25	1	40	5.29	+0.71	1.12	0	10	13	7	10	s.	Rev. N. E. Skinner.
Dam No. 1, ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	....	9.11	.....	3.52	0	10	20	4	6	.....	H. S. Cooper.
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	4.96	.....	2.50	0	7	15	0	15	s.	C. P. Evans.
Dardanelle	Yell	330	37	63.0[e]	+ 2.1	92[f]	24	34[d]	1	36[f]	6.27	+2.53	2.00	0	8	17	0	13	s.	J. D. Riley.
Dodd City	Marion	1175	41	57.7	− 2.1	89	23	29	1	46	4.34	+0.22	1.30	0	6	13	9	8	nw.	Neal Dodd.
Dumas	Desha	162	16	63.3	+ 2.0	84	28	30	1	34	7.54	+3.04	1.35	0	15	8	12	10	s.	Ben Johnson.
Dutton	Madison	1590	21	56.2	+ 0.1	84	23	29	1	41	6.87	+1.58	1.39	0	15	12	13	5	se.	J. M. Ricketts.
El Dorado	Union	270	17	64.9	+ 1.4	90	27	33	1	32	9.75	+4.56	2.04	0	12	9	9	12	sw.	J. J. Babb.
England	Lonoke	229	16	62.5	− 0.1	87	23	28	1	34	10.06	+4.33	1.53	0	11	13	8	9	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	58.9	+ 0.4	88	23	29	8	38	2.88	−1.62	0.55	0	9	9	17	4	se.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	21	59.4[e]	+ 0.4	86[e]	24	32[e]	9	45[e]	4.01	−0.57	1.03	0	6	6[e]	12[e]	7[e]	s.	C. C. Price.
Fayetteville	Washington	1451	37	61.0	+ 2.3	84	23†	31	8	43	3.92	−0.27	1.05	0	9	11	12	7	sw.	University of Arkansas
Fort Smith	Sebastian	481	41	61.8	+ 0.1	86	23	33	1	34	4.12	−0.22	2.02	0	11	10	6	14	e.	U. S. Weather Bureau
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	6.01	+1.92	1.48	0	10	12	9	9	e.	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	9.35	.....	2.00	0	10	16	2	12	e.	Arthur Lentz.
Grannis	Polk	900	5	61.0	.....	86	24	29	1	32	6.46	....	1.30	0	15	20	4	6	e.	W. E. Mc Vay.
Gravette	Benton	1250	25	57.2	+ 0.4	85	23	29	1	39	3.11	−0.74	0.74	0	10	12	9	9	sw.	A. F. Stevens.
Harrison	Boone	1052	2	57.7[d]	+ 1.3	83[d]	22	24[d]	16	40[d]	1.87	−2.61	1.00	0	6	12[e]	8[e]	5[e]	sw.	A. C. Brooks.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	7.45	.....	3.25	0	8	11	12	4	w.	E. C. Spanhurst.
Helena	Phillips	182	55	.....	.....	.....	.....	.....	.....	.....	9.88	+4.48	2.66	0	15	16	1	13	.....	James A. Burnett.
Higden	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	5.19	.....	0.85	0	11	16	11	3	sw.	J. A. Ingram.
Hope	Hempstead	377	51	64.4	+ 0.7	91	29	31	1	36	7.71	+2.42	1.63	0	11	18	3	9	s.	N. P. O' Neal.
Hot Springs	Garland	600	30	63.1	+ 0.1	86	23	29[a]	1	35[a]	7.81	+1.75	1.54	0	11	15	7	8	.....	P. P. Patraw.
Huttig	Union	175	16	.....	.....	.....	.....	.....	.....	.....	6.73	+2.14	1.00	0	.....	.....	.....	.....	.....	J. L. Collett.
Jonesboro	Craighead	345	28	60.8	− 0.4	85	22	27	1	37	4.52	+0.43	0.93	0	14	13	10	7	se.	Benedictine Sisters.
Junction ‡‡	Union	182	30	66.4	+ 0.9	89	22	32	1	38	8.13	+3.82	1.78	0	10	15	5	10	se.	J. A. Louderback.
Lincoln	Washington	1500	2	.....	.....	.....	.....	.....	.....	.....	4.02	.....	0.90	0	10	9	17	4	sw.	L. E. Nabers.
Little Rock	Pulaski	286	44	62.4	+ 0.3	84	28	32	1	28	7.69	+3.18	1.64	0	11	11	11	8	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	26	60.2	+ 0.9	86	23	29	1	31	4.79	+0.65	1.12	0	11	16	6	8	e.	H. Kauffeld.
Magnolia	Columbia	315	5	64.7	.....	87	23	34	1	37	7.87	.....	2.20	0	10	10[a]	5[a]	14[a]	s.	State Agri. School.
Malvern	Hot Springs	277	40	64.0	+ 1.6	88	23	28	1	38	7.30	+2.35	1.90	0	12	14	10	6	w.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	512	18	63.4[a]	+ 5.3	87[a]	23	38[a]	6†	36	6.28	+0.82	2.38	0	13	15	10	5	n.	F. Wallick.
Marianna	Lee	235	14	62.7	+ 1.2	83	28	33	2	37	9.21	.....	1.63	0	14	11	8	11	s.	C. N. Houck.
Marked Tree	Poinsett	229	18	61.2	.....	84	21	34	1	34	7.06	+1.37	1.02	0	13	13	12	5	ne.	Charles Walton.
Marshall	Searcy	1083	8	60.7	.....	87	23	28	1	33	4.70	.....	1.02	0	13	13	12	5	s.	W. F. Reeves.
Mena	Polk	1185	35	61.4	− 0.5	84	24	29[a]	1	37[a]	4.97	−0.49	1.38	0	10	15	8	7	s.	E. W. St. John.
Morrillton	Conway	347	3	61.7	.....	84	23	30	1	30	7.25	.....	3.35	0	10	16	10	4	s.	W. C. Jackson.
Mountain Home	Baxter	800	9	57.4	.....	90	23	28	1	40	3.53	.....	0.65	0	11	20	0	10	w.	B. S. Halbert.
Mount Ida	Montgomery	730	25	61.8	.....	87	23	24	1	44	5.93	+0.36	1.30	0	9	12	8	10	e.	G. A. Whittington.
Nail	Newton	2233	30	55.2	− 1.3	84	23†	25	1	40	5.13	−0.06	1.30	0	12	11	12	7	s.	Charles Paxton.
Newport	Jackson	231	39	62.2	+ 0.5	85	24	29	1	36	4.99	+0.23	0.82	0	10	12	9	9	nw.	Geo. L. Robinson.
Osceola	Mississippi	240	23	60.0	− 1.4	85	22	39	1	41	6.97	+3.07	1.17	0	11	15	7	8	s.	Mrs. J. T. Driver.
Ozark	Franklin	450	26	61.0[a]	− 1.5	90[a]	23	33[a]	2	41[a]	3.75	−0.36	1.00	0	10	13[a]	5[a]	11[a]	se.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	9.11	.....	2.40	0	8	21	0	9	s.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	3.80	.....	2.02	0	9	13	7	10	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	63.6	+ 0.6	84	3†	30	1	38	2.11	+0.93	1.83	0	13	17	1	12	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	31	60.1	+ 0.2	83	22	28	1	43	3.05	+0.95	1.10	0	10	10	10	10	s.	Benedicitine Sisters.
Portland	Ashley	122	17	66.4	+ 2.8	89	28	32	1	35	5.67	+0.97	1.62	0	12	9	9	12	se.	W. E. Edmiston.
Prescott	Nevada	329	41	64.2	+ 1.4	86	22†	31	1	34	6.96	+1.87	1.26	0	12	17	7	6	w.	O. J. Stephenson.
Princetown	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	4.72	−1.46	1.80	0	6	22	1	7	.....	Foote Coleman.
Rison	Cleveland	243	19	64.0	+ 1.3	85	23†	29	1	35	6.97	+3.26	1.90	0	9	9	10	11	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	58.6	+ 0.4	87	23	31	1	41	2.61	−1.63	0.87	0	9	13	7	10	sw.	Carl A. Starck.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	6.31	−0.13	1.35	0	10	14	4	12	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	61.6	− 0.7	83	28	29	1	37	8.55	+3.74	1.90	0	13	13	13	4	sw.	H. A. Buerkle.
Subiaco	Logan	1050	26	62.8[a]	+ 1.9	92[a]	23	31[a]	1	36[a]	4.49	+0.44	1.70	0	10	14[a]	8[a]	7[a]	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	65.6	+ 1.7	89	24	34	1	35	5.15	+0.41	1.50	0	8	14	7	9	s.	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	5.00	.....	3.10	0	10	9	3	18	s.	Dr. Cheves Bevil.
Warren	Bradley	206	28	65.1	+ 2.3	88	24†	31	1	37	9.81	+4.54	2.00	0	10	12	9	9	s.	Mrs. J. L. Clegg.
Whitecliff	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	8.67	+2.96	2.20	0	9	15	0	15	ne.	Miss E. M. Schirmer
Wynne	Cross	250	15	61.8	+ 1.4	82	22†	29	1	31	7.62	+2.25	1.45	0	12	7	10	13	sw.	E. O. Allen.
State Means and Extremes				61.4	+ 0.2	95	24	23	1	46	6.30	+1.52	3.90	0	11	14	7	9	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[e], appearing the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Dam No. Judsonia, Ark.; Junction, Randolph Co.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for April, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita		2.15	.51	.10			.44					.85							.60				1.17			T.	1.46					7.28
Arkadelphia	Ouachita		1.45		1.00				.50				.95		.50						.55				.45				.45	.10			5.95
Arkansas City	Mississippi			1.63	2.04	.74							.10	1.86					.03			.42		.28	.22	.12		T.	1.93	.87			10.24
Ariberg	White		.85		.65								.90	.30							.90		.30	.65				.40	.60	.30			5.85
Batesville	White			.78	.18	1.23							.04	1.06				.29				1.22		T.	.13				.64	.67			6.24
Bee Branch	Arkansas			.90	.60								.70	.40				.50			.50		.10	T.	.45			.40	1.40	.10			6.05
Bentonville	Arkansas			.01	.55			.24				.11	.15	.02							.95	.01	.01	.01				.19	.22				2.47
Black Rock	White			.98	.48	2.45								.55				T.				.34			.05				.88	.43			6.16
Booneville	Arkansas		.05		.14			.45					.46	.09			.02	.25			.14	.38			.87		.02	.63	1.19				4.69
Brinkley	White			1.42	.68	.52			.04				T	1.04	.26							1.11		.06	1.19			T.	2.36	.89			9.57
Calico Rock	White			.32	.10	.60			.05					.33								.38			.64				.50	.40			3.32
Camden	Ouachita			1.29	1.04				.20				.77	.76				.08				.34		.07	1.05			1.40	.14	.16			7.30
Center Point	Red		.60	.69	.45				.55			T.	1.08	.06				.09			.50	.04	T.	T.	.71			.97	.44				6.18
Clarendon	White			1.20	.60	.82			.31				.37	.92	T.			.06				1.02		.07	.91			.05	2.10	.25			8.68
Clinton	White			1.05	.63								.77	.15				.36	.65			.02	.25		.26			.45	.66				5.25
Conway	Arkansas			.98	.33								1.26	.07				.18			.45			.10	.51			.47	3.90				8.25
Corning	White			.90	.46	1.03							.46	.14			.02				.32							.63	.21	1.12			5.29
Dam No. 1	White			1.21	.31				.12				.07	.81				.27				.74			3.52				1.02	1.04			9.11
Danville	Arkansas		T.		.25								.76				.23				.25		.62					2.50	.35				4.96
Dardanelle	Arkansas			.60	.12									.60				.21				.19			1.20				2.00	1.35			6.27
Dodd City	White		.45		1.30	.33								.31							.65							T.	1.30				4.34
Dumas	Arkansas		T.	1.30	.90	.28		.05				.45	1.35	.10			T.	.05			.98		.33	.35	.06		.45	.74	.15				7.54
Dutton	White		.66	.13	.90			.14					.08	.07			.24	.10			.79	.37		.02	1.39			.55	1.38	.05			6.87
El Dorado	Ouachita			2.04	2.04	1.05			.23				1.30	.33				.44				T.		.02	.90			.02	.33	1.05			9.75
England	Arkansas			1.32	1.40								.90	.17				.16			.65			1.53	1.05			1.26	.88	.74			10.06
Eureka Springs	White		.52	T.	.22			.24					.10	.32							.30	.55						T.	.42	.21			2.88
Evening Shade	White			.80	1.00								1.00								1.03				.08				.10				4.01
Fayetteville	White		.27		.37			.20					T.				T.				.43	.40		T.	.15			.15	1.05	.90			3.92
Fort Smith	Arkansas		.53	T.	.07			.02					.15	.01			.04				.57		.03	.59		T.		1.96	.15				4.12
Fulton	Red			1.48	1.21				.42				1.10	T				.09				.47			.35			.20	.49	.20			6.01
Georgetown	White			1.30	.50	.40			.40				T.	1.25				.20				.80			1.10				2.00	1.40			9.35
Grannis	Red		1.30	.06	.63	.45			.90				.57	.08				.03			.51		.14	.01	.85	.01		.40	.52				6.46
Gravette	Arkansas		.19	.05	.47			.12				.32	.06				T.				T.	.74	.58		T.	T.			.10	T.	.48		3.11
Harrison	White					.40		.20					.01	.01							.25							1.00					1.87
Heber Springs	White			.58	1.02								.81					.48			.77				.43			.11	3.25				7.45
Helena	Mississippi			1.86	1.02	.44			.12				.04	1.72	.12			.02	.04			.34		.40	.32	T.			.08	2.66	.70			9.88
Higden	White		.21	.80	.58				.04				.58	.02			.48				.41				.80				.85	.42				5.19
Hope	Red		.25	1.12	1.63				.75				1.39	.06				.12			.45				.45			1.04	.45				7.71
Hot Springs	Ouachita		.06	1.51	1.30				.41				.90					.13			.71		T.		.96			.30	1.45	.05			7.81
Huttig	Ouachita				3.40				.08		.03		1.00					.20	*	*	*	*	*	*	*	*	*	2.00					6 73
Jonesboro	White			.73	.40	.04			.15				.63	.02				.23			.46	.12	.28	.31	.02			T.	.93	.20			4.52
Junction	Ouachita		1.78	1.41	.78			.42					1.03					.18			1.09				1.28			.30	.16				8 43
Lincoln	Arkansas		.30		.31			.30									.24				.90	.30	.30	.52				.62	.23				4.02
Little Rock	Arkansas		1.32	.56	1.15			T.					1.22	.03				.05			.65		T.	.38	.64				.85	.84				7.69
Lutherville	Arkansas		.25	.26	.62								.30				.06	.26			.50				1.12				.66	.76				4.79
Magnolia	Red		.07	1.40	2.20				.50				1.68					.14			.52				.40				.76	.20				7.87
Malvern	Ouachita			1.90	.90				.32				.70	.50				.05				.45		.03	.55				.52	1.05	.33			7.30
Mammoth Spring	White		.19	.42	.69				.03				.38	.37			.11	.06				.44		.63					.14	.44	2.38			6.28
Marianna	Mississippi			.99	1.14	.48							1.24	.40				.07			.18	.09	.16	.24	1.63				.49	1.46	.64			9.21
Marked Tree	Mississippi			1.02	.68	.30			.18					.85	.37			.38				.87		.33	.73	.05				.80	.50			7.06
Marshall	White		.03	.04	.82								.27	T.			.10	.08			1.02	.17			.40			.13	1.02	.28			4.70
Mena	Ouachita			.36	.59	.01			.46				.14	.40								.48			1.14		T.	.01	1.38				4.97
Morrillton	Arkansas			.85	.25								.73					T.	.30		.45		.15		.30			.42	3.55	.25			7.25
Mountain Home	White		.20	.12	.52			.03					.36	.33				T.			.55				.32		T.	.30	.65	.15			3.58
Mount Ida	Ouachita			1 03	.65			.06	.45				.68	.07							.55				1.14				1 30				5.93
Nail	White		.20	.30	.59			.20					.29	.05			.15				.90	.35			.40			.40	1.30				5.13
Newport	White			.82	.16	.12			.10					.69				.52				.65			.79				.69	.45			4.99
Okay	Arkansas												.43								1.04								1.25				
Osceola	Mississippi			.80	.48	.38								1.17	1.10			.44			T	.31		.90	.25				.44	.70			6.97
Ozark	Arkansas		.16	.13	.49								.09					T.			.20	.40			1.00	.06		.67	.54				3.74
Patterson	White			1.60	.40									1.35				.18				.68			2 40				1.40	1.10			9.11
Pindall	White		.20		.48			.02				.20					.03				.75				.12			.07	2.02				3.89
Pine Bluff	Arkansas			1.83	.70	.55			.05				.47	.73	T.			07				1.00		.12	1.18			.47	1.75	.21			9.13
Pocahontas	White			1.19	.30	1.60							.65	.15							.30			.10	.03				.90	.40			5.53
Portland	Ouachita			.70	1 12	.50			.18				.45	.77				.20				.56		.10	.40				.49	.20			5.67
Prescott	Ouachita			1.26	1.14	T.			.34				.81	.60	.04			.16				.51		T.	.27	T.		1.10	.41	.29			6 96
Princeton	Ouachita			1.86										1.05	.72										40				.50	.25			4.72
Rison	Ouachita			1.90	.83								1.13								1.03		.08	.08	.24			.37	1.31				6.97
Rogers	Arkansas		.34	.06	.26			.19				T.	T.								.34	.53		.05				T.	.33	.51			2.61
Springbank	Red			1.35	.70	.50			.20		T.		1.16	T.				T.				.40			.46		T.	.02	1.20	.32			6.31
Stuttgart	Arkansas			1.10	.56	.26			.05		T.		1.32	.13				.13			.95		T.	.53	.74			.53	1.90	.35			8.55
Subiaco	Arkansas		.27		.07							.50					.04	.09			.47	.05			.53			1.70	.77				4.49
Texarkana	Red			1.11	1.50				.35				.65	.13				T.				.60			.28		T.	T.	.53				5.15
Waldron	Arkansas		.14	.03				.36					.14					.34			.19	.33	T.		.37			1.07	2.03				5.00
Warren	Ouachita			2.00	1.45	.40			.55				1 35	T.				T.			1.20	T.	T.	.30	.40			1.50	.66				9.81
Whitecliffs	Red			.80	2.20				.92				.75	T.								.70			.90			1.25	.30	.85			8.67
Wynne	Mississippi			1.16	.80	.53							.06	.66	.10			.15				1.06		.12	.55				1.45	.98				7.62

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for April, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.2	5.1	5.1	5.0	5.0	4.9	4.7	4.7	4 6	4 8	4.6	4.5	4.5	4.6	4.5	6.0	5.4	5.1	5.0	4.9	5.0	5.3	5.3	5.6	7.5	8.0	9.0	10.5	14.8	14.7	
Dardanelle	do	20	3.9	3.8	3 5	3.5	3.8	3.7	3.5	3.2	3.0	3.0	3.0	2.8	2.7	2.7	2.6	2.6	3.8	3.7	3.3	2.8	3.0	3.2	3.6	5.7	5.1	5.8	6.0	8.5	11.4	13.8	
Little Rock	do	23	3.9	3.6	3.6	3.6	3.7	3.7	3.6	3.4	3.4	3.1	3.0	3.0	2.9	3.1	3.0	2.8	2.5	2.8	3.3	3.6	2.9	2.5	2.4	2.7	3.9	5.5	5.5	6.1	9.0	13.3	
Pine Bluff	do	25	8.3	7.8	7.8	7.9	8.1	8.4	8.1	8.0	7.7	7.4	7.3	7.0	7.1	7.3	7.4	7.2	7.0	6.8	6.9	7.0	6.8	6.7	6.8	6.9	7.1	8.0	9.6	9.8	11.1	14.6	
Black Rock	Black	14	16.0	14.9	13.8	13.1	16.1	15.8	15.2	14.4	13.5	12.7	11 9	11.1	11.4	12.0	12.0	12.0	11.5	11.0	10.2	9.8	9 8	9.8	9.6	9.6	9.0	8.8	8.6	8.4	9.8	11.2	
Calico Rock	White	18	2.5	3.0	2.9	3.0	2.7	4.2	4.2	3.6	3.8	3.5	2.7	3.3	2.9	2.9	2.9	3 5	2.7	2.2	2.5	2.3	2.3	2.9	3.3	3.4	8.3	6.6	6.1	5.6	6.4	9.2	
Batesville	do	23	8.9	8.6	8.9	9.0	10.1	10.9	10.5	9.9	9.6	9.7	9.0	9.0	9.4	8.9	8.9	8.9	9.1	8.3	8.1	8.3	9 0	8.5	9 0	9.6	12.0	14.2	13.1	12 1	12.5	15.6	
Newport	do	26	17.9	16.7	16.1	15.7	15.6	15.8	16.1	16.0	15.8	15.4	15.2	14.6	14.4	12.9	12.2	11.8	11.3	11.0	10.4	10.0	9.8	9.3	8.9	8.8	9.2	9.7	11.0	11 5	11.8	11.9	
Georgetown	do	22	21.3	21.0	20 9	20.8	20.6	20.4	20.2	20.0	19.8	19.6	19.3	19.0	18.6	18.2	17.8	17 4	16 8	16.4	16 0	15.2	14.6	14.7	14.6	15.0	15.4	15.6	16.3	17.0	18 0	18.8	
Clarendon	do	30	28.1	27.9	27.8	27.7	27.7	27.6	27.4	27.2	27.0	26.8	26.5	26.3	26.3	26.2	26.0	25.7	25.4	25.1	24.8	24.5	24.3	24.0	23.7	23.5	23.4	23 4	23.4	23 7	24.2	24.7	
Helena	Mississippi	42	45.4	45.2	45.2	45.2	45.1	44.7	44.2	43.2	42.0	40.5	39.0	37.3	36.1	35.2	34.4	33 8	33 5	33.8	31.1	34 7	35.3	35.7	36.0	36.2	36.3	36.1	35.7	35.3	34 8	34.0	
Arkansas City	do	42	48.9	49.0	49.1	49.4	49.4	49.4	49.4	49.2	49.0	48.5	47.9	47.2	46 5	45 6	44.6	43.7	42.9	42.2	41.5	41.1	40.9	40.9	40.9	41.0	41.0	41.0	40.9	40.8	40.7	40.6	
Camden	Ouachita	49	11.1	9.9	9.5	14.0	20.3	25.6	27.6	27.9	27.9	27.1	25.4	23.0	20.4	21.5	23.1	23.4	22.5	20.8	18.5	15.7	13.4	13 2	13.0	12.8	12.1	13.2	14 7	15.0	16.8	20.8	
Danville	Petit Jean	20	5.0	4.8	3.8	4.1	4.3	3.9	3.7	3.6	3.6	3.6	3.5	3.5	3.7	3.9	3.8	3 5	3.5	3.7	3.6	3.6	3.5	3.5	5.1	4.7	4.7	4.6	4.5	14.8	21.7	22.3	
Fulton	Red	28	9.4	9.1	9.5	10 8	12.6	12.5	12.1	11.4	11.1	11.1	10.7	10.1	10.3	10.8	11.0	11.1	11.0	10.2	9.5	9.0	8.8	8.7	8.9	8.8	9.5	11.2	12.1	13.5	14.4	17.9	
Arkadelphia	Ouachita	18	1.5	1.4	4.0	7 6	8.6	6.5	4.8	4.9	4.5	3 9	3.5	3.8	4.5	4.4	4.2	3.8	3 2	2.9	2.6	2 5	2 6	2.6	2.5	2.3	4.5	4.2	3.0	4.7	8.5	7.8	
Patterson	Cache	9	8.4	8.0	7.8	7.8	7.7	7.6	7.4	7.3	7.2	7.1	7 0	6.9	7.5	8.2	8.4	8.5	8.5	8 3	8.1	7.9	7.7	7.5	7.3	7.8	8 0	7.9	7.6	7.4	7.6	7 7	

Daily Temperatures for April, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	64	64	79	73	63	72	70	68	70	76	76	70	70	72	75	76	76	76	69	74	81	86	87	74	81	81	89	81	82	....	....	75.0
	Minimum	29	34	55	54	44	36	44	37	42	40	51	58	55	48	44	40	37	40	55	48	49	69	62	63	56	64	64	57	50	....	....	49.1
Batesville§§	Maximum	57	65	75	....	....	....	....	....	....	....	....	....	....	69	71	63	64	70	75	70	71	80	85	85	74	80	76	79	77	80	....	73.3
	Minimum	25	34	37	51	44	34	35	39	33	38	39	49	54	51	39	35	42	35	38	48	55	45	54	62	56	51	53	62	52	49	....	44.6
Bentonville	Maximum	62	55	71	61	58	72	77	53	64	68	66	62	66	63	64	52	61	72	76	65	69	78	85	80	68	77	74	74	74	80	....	68.2
	Minimum	32	46	51	37	36	40	41	30	38	40	52	52	53	47	44	37	34	36	49	48	48	50	64	61	59	56	59	54	49	50	....	46.4
Bee Branch	Maximum	....	65	79	77	65	72	79	75	68	78	78	76	64	71	74	71	63	71	77	76	71	80	85	84	83	81	79	85	79	84	....	75.5
	Minimum	23	....	48	48	38	34	46	35	34	38	47	53	53	47	40	36	39	38	40	52	48	45	57	59	55	52	56	56	52	48	....	45.4
Booneville	Maximum	57	62	80	77	56	69	69	63	65	65	64	61	67	67	67	67	66	70	72	72	78	79	83	81	77	76	73	70	75	77	....	70.2
	Minimum	40	48	52	50	41	40	57	42	43	44	55	56	56	52	50	45	45	43	52	55	50	62	66	61	61	56	61	61	54	52	....	51.7
Brinkley	Maximum	59	69	79	75	62	73	78	74	64	74	78	74	72	75	75	69	65	73	79	74	72	80	83	83	77	85	79	85	77	83	....	74.8
	Minimum	30	43	54	56	47	41	51	45	41	44	50	59	59	53	46	41	49	40	46	55	53	52	65	64	58	53	63	62	55	52	....	50.9
Calico Rock§§	Maximum	59	63	76	73	62	74	....	....	....	....	....	....	....	65	69	70	60	76	74	78	70	76	84	93	95	72	84	80	81	79	84	....	74.9
	Minimum	25	35	48	51	42	36	37	35	31	37	38	47	50	51	38	35	37	34	36	42	55	44	47	57	54	55	57	59	55	50	....	43.9
Camden§§	Maximum	63	66	80	78	64	74	76	66	71	76	74	70	73	76	74	76	69	74	77	68	77	82	85	82	71	82	82	84	78	81	....	75.1
	Minimum	31	34	44	58	47	40	41	30	43	44	49	53	58	48	49	42	44	39	40	44	49	51	58	62	62	53	57	61	56	53	....	48.0
Center Point	Maximum	57	57	71	71	61	67	69	69	63	74	74	67	71	72	75	74	68	71	74	69	73	83	84	86	75	79	77	81	79	79	....	72.3
	Minimum	32	44	55	52	43	46	52	48	53	49	52	58	57	53	48	47	46	42	50	54	46	57	57	62	64	58	61	65	55	53	....	52.0
Conway	Maximum	58	66	80	74	63	72	77	71	66	74	76	68	68	73	74	68	66	72	78	71	74	80	85	85	74	82	79	82	78	82	....	73.9
	Minimum	29	40	54	54	45	38	50	43	40	42	51	56	57	41	45	41	47	41	45	57	51	51	65	63	61	53	62	61	57	50	....	49.7
Corning	Maximum	56	68	71	66	60	70	77	72	63	73	77	69	67	69	69	62	65	71	74	74	73	86	84	77	73	84	83	75	73	83	....	72 1
	Minimum	25	41	51	54	40	36	51	35	35	49	49	50	56	46	43	34	37	33	40	55	53	46	59	62	49	50	55	59	51	51	....	46.5
Dardanelle	Maximum	62	64	69	64	....	....	..	....	....	....	73	70	74	69	72	74	75	76	70	79	75	75	78	92	82	75	80	82	80	83	....	74.7
	Minimum	34	36	39	52	46	40	....	....	....	....	55	54	58	52	44	46	45	40	46	61	52	52	64	62	63	56	61	63	56	53	....	51.2
Dodd City	Maximum	61	60	73	71	57	62	80	75	68	71	74	73	58	65	67	63	61	73	77	69	71	83	89	87	79	80	77	77	76	81	....	71.9
	Minimum	29	40	46	48	36	46	34	31	32	35	43	52	51	44	38	32	34	31	38	57	48	43	56	58	55	54	54	52	43	46	....	43.5
Dumas	Maximum	60	70	80	80	68	72	82	73	65	75	76	71	76	71	73	75	65	70	77	70	75	78	82	80	75	82	80	84	77	82	....	74.8
	Minimum	30	40	58	57	48	40	50	48	38	47	52	60	59	50	50	44	54	40	43	56	52	52	64	64	60	57	64	66	57	54	....	51.8
Dutton	Maximum	57	54	70	68	59	69	75	58	63	71	71	64	64	64	66	61	61	70	74	66	70	72	84	81	75	76	71	79	75	79	....	68.9
	Minimum	29	41	46	43	35	31	53	32	31	33	46	51	52	45	34	30	39	29	38	52	46	44	63	56	57	52	55	51	46	42	....	43.4
El Dorado	Maximum	65	67	80	77	62	76	78	73	71	77	73	66	74	77	73	77	69	74	79	69	79	88	84	85	75	85	90	86	79	83	....	76.4
	Minimum	33	42	60	58	42	44	51	52	44	49	54	60	59	51	53	46	46	42	63	46	51	58	70	62	63	55	68	64	58	57	....	53.4
England	Maximum	60	71	83	74	61	72	80	72	66	75	78	75	76	74	77	73	61	72	79	70	76	79	87	83	76	82	80	86	76	82	....	75.2
	Minimum	28	39	56	55	41	40	51	46	40	44	49	58	54	50	47	42	42	40	45	54	50	52	60	63	60	53	63	64	57	52	....	49.8
Eureka Springs	Maximum	64	57	72	65	61	76	77	58	67	73	72	64	64	65	65	64	64	75	78	72	67	79	88	85	73	79	78	78	77	84	....	71.4
	Minimum	30	44	47	46	35	40	52	29	34	41	53	52	51	43	44	39	33	37	53	53	46	50	64	59	57	53	58	51	47	51	..	46.4
Evening Shade	Maximum	....	64	71	71	61	71	78	....	73	73	76	70	64	69	..	70	65	71	77	72	74	....	88	86	74	82	81	79	....	83	....	73.7
	Minimum	....	33	50	50	40	33	50	....	32	36	41	47	54	49	....	34	38	33	38	52	40	....	43	61	54	52	58	59	....	48	....	45.0
Fayetteville	Maximum	65	68	75	73	63	74	76	74	70	71	72	75	73	72	72	69	67	71	76	78	72	78	84	84	82	82	80	80	77	80	....	74.4
	Minimum	37	42	50	48	36	36	57	31	36	41	56	56	56	46	44	39	37	36	50	53	47	51	65	59	59	56	57	53	49	48	....	47.7
Fort Smith	Maximum	67	58	74	69	59	75	80	62	68	73	74	65	72	68	71	72	68	74	79	67	74	80	86	83	71	75	72	79	76	85	....	72.5
	Minimum	33	45	51	43	42	42	52	40	45	47	56	58	57	54	48	47	42	44	51	53	50	55	63	64	62	59	60	58	55	53	....	51.0
Grannis	Maximum	61	58	76	72	64	70	71	69	68	72	72	68	70	68	72	72	67	71	74	73	73	80	81	86	77	76	78	82	78	79	....	72.6
	Minimum	29	47	54	51	40	40	48	44	39	44	53	55	52	49	47	42	40	42	44	53	44	52	67	58	62	56	60	61	61	49	....	49.4
Gravette	Maximum	63	59	71	69	58	73	70	55	66	70	67	65	67	64	66	63	62	73	74	74	69	79	85	82	79	77	74	65	74	81	....	69.8
	Minimum	29	45	47	44	36	34	50	30	34	35	50	52	53	42	35	36	31	31	49	54	47	43	65	58	56	56	55	51	43	47	....	44.6
Hope	Maximum	66	67	83	80	66	72	74	71	74	76	74	68	72	75	75	77	71	79	78	68	76	84	86	84	76	82	82	84	91	83	...	76.5
	Minimum	31	43	56	55	46	50	52	51	42	41	56	49	58	51	50	55	46	43	46	54	51	56	71	63	60	55	62	62	60	56	....	52.4
Hot Springs	Maximum	64	64	81	76	68	73	73	71	67	74	75	75	75	74	74	74	75	78	76	75	81	86	85	81	81	82	83	78	82	...	75.9
	Minimum	29	39	54	53	53	....	49	45	40	42	51	42	57	49	45	43	46	46	44	55	59	53	56	62	62	55	62	62	56	51	....	50.3
Jonesboro	Maximum	57	72	75	71	60	71	79	72	60	73	75	65	69	71	72	65	62	68	78	74	71	85	75	80	73	84	81	76	77	83	....	72.5
	Minimum	27	39	52	56	44	39	50	39	37	46	45	56	58	50	48	40	43	40	43	52	55	48	63	62	54	57	59	61	51	55	....	49.0
Junction	Maximum	63	74	81	80	66	71	81	76	72	76	73	68	77	78	80	79	73	75	77	80	81	89	86	85	75	85	77	86	83	85	....	77.7
	Minimum	32	47	61	58	48	47	61	54	43	50	54	60	58	63	56	41	43	46	50	59	55	64	66	64	63	64	63	62	58	59	...	55.0
Little Rock	Maximum	58	68	80	70	59	70	75	63	63	72	75	69	69	71	73	68	63	70	77	66	75	79	83	82	70	82	79	84	76	81	...	72.3
	Minimum	32	45	55	49	45	44	54	44	43	48	55	57	59	53	51	50	47	47	50	56	51	57	63	62	60	57	64	61	58	57	...	52.5
Lutherville	Maximum	58	57	75	70	58	70	76	70	67	72	74	69	66	69	70	64	65	70	76	69	69	77	86	83	75	75	75	79	74	81	....	71.3
	Minimum	29	41	49	49	40	41	49	39	40	47	53	56	50	49	45	40	41	48	52	49	54	61	60	60	57	58	58	54	58	..	....	49.1
Magnolia	Maximum	68	65	80	80	67	....	75	74	76	76	74	70	77	76	74	78	76	76	77	75	80	84	87	86	80	83	81	85	86	84	..	77 6
	Minimum	34	41	59	58	46	....	45	44	44	52	51	58	59	50	46	48	46	43	49	55	56	54	50	63	64	56	63	55	56	56	....	51.8
Malvern	Maximum	63	68	81	76	74	74	76	73	70	77	76	72	73	71	78	78	73	75	78	75	78	82	88	84	84	85	81	84	81	84	....	77.1
	Minimum	28	37	55	55	41	37	47	46	40	42	51	58	59	48	45	41	47	38	40	46	40	49	69	63	62	54	62	64	56	51	....	49.0
Mammoth Spring	Maximum	57	68	78	71	66	74	80	75	66	75	75	70	61	70	69	....	66	73	78	78	76	83	87	85	88	82	81	80	81	84	....	75.1
	Minimum	40	46	54	57	56	38	56	60	38	41	51	53	59	52	....	40	44	39	44	58	56	47	61	65	57	58	60	62	55	52	....	51.7
Marianna	Maximum	71	70	75	72	65	70	78	73	63	72	76	72	71	72	73	67	64	69	76	72	73	76	80	80	75	79	77	83	82	81	....	73.6
	Minimum	43	33	54	57	48	42	50	46	41	48	54	57	59	61	48	44	43	42	45	56	55	54	52	64	59	59	62	62	58	56	....	51.8
Marked Tree §§	Maximum	68	73	66	55	69	76	51	60	71	76	65	70	70	72	64	64	68	76	73	71	84	78	80	72	81	79	77	71	82	80	....	71.4
	Minimum	34	49	55	47	45	48	44	38	40	51	55	59	51	49	45	38	40	47	55	57	52	61	65	57	60	60	63	54	57	58	..	51.1
Marshall	Maximum	58	63	73	72	61	70	76	66	70	72	76	71	66	65	69	60	60	72	74	70	70	82	87	82	77	80	76	76	76	80	....	71.7
	Minimum	28	42	52	52	41	40	54	34	40	52	58	56	55	47	48	40	39	39	53	58	51	54	55	62	58	56	62	60	53	53	....	49.7
Mena	Maximum	65	57	79	70	62	74	72	69	69	73	75	67	69	68	74	74	66	75	75	66	75	80	83	84	74	79	82	83	86	83	....	73.4
	Minimum	29	49	53	50	40	37	56	42	40	40	54	57	56	50	44	44	44	41	..	51	44	43	68	58	62	57	61	60	54	48	....	49.5
Morrillton	Maximum	59	67	79	75	64	70	74	70	64	73	75	70	66	69	71	67	65	70	75	71	75	79	84	77	77	82	77	79	78	81	..	72 8
	Minimum	30	41	54	53	44	40	53	42	42	45	52	56	58	51	48	43	47	42	45	57	52	51	63	62	61	56	60	60	57	54	...	50.6
Mt. Home	Maximum	61	60	74	73	60	73	80	59	67	72	75	62	59	53	67	55	62	74	77	68	70	83	90	82	74	80	76	79	77	82	....	70.8
	Minimum	28	39	47	47	37	33	52	31	32	35	47	52	51	37	40	34	36	36	34	41	54	49	44	55	58	53	52	55	54	49	46	44.1
Mount Ida	Maximum	64	62	80	75	76	75	75	70	68	75	77	71	70	72	77	75	69	76	77	77	78	80	87	85	76	84	84	85	79	82	....	76.0
	Minimum	24	40	54	50	52	31	55	45	33	36	48	57	55	54	39	36	43	33	36	54	49	49	61	62	56	58	59	60	53	47	....	47.6
Nail	Maximum	50	54	66	65	56	79	79	59	62	68	70	69	59	61	61	55	54	67	70	65	66	69	84	81	70	69	70	76	70	75	....	66.8
	Minimum	25	30	44	45	33	39	40	31	36	44	50	49	50	49	42	40	36	39	46	47	43	45	52	53	50	47	52	53	52	47	....	43.6
Newport	Maximum	59	69	77	75	66	73	80	75	63	75	79	74	67	71	75	68	63	71	79	73	75	84	81	85	78	82	77	76	82	84	..	74.5
	Minimum	29	41	55	56	45	40	54	41	38	45	49	38	60	54	46	42	45	42	45	57	57	51	64	64	56	54	62	62	54	55	....	50.0
Osceola	Maximum	57	67	83	83	62	68	77	69	57	72	75	65	73	72	72	64	63	67	78	71	72	85	81	77	75	83	82	79	78	82	...	73.0
	Minimum	30	43	43	55	45	40	40	40	40	40	49	52	56	49	46	46	46	39	39	44	50	50	50	61	53	51	51	58	51	51	....	46.9
Ozark	Maximum	65	63	76	74	76	78	80	65	63	75	76	68	....	65	74	71	70	76	80	81	79	80	90	84	81	80	79	67	79	84	....	75.1
	Minimum	32	30	45	48	52	40	39	40	44	35	49	53	....	40	41	43	41	34	40	42	51	52	65	61	64	63	59	51	54	51	....	46.9
Pine Bluff	Maximum	61	73	84	78	65	71	81	74	65	76	78	74	76	76	77	74	67	70	80	70	77	79	84	84	76	83	82	84	79	83	....	76.0
	Minimum	30	39	56	57	47	40	47	47	42	44	50	64	59	49	43	43	49	40	42	56	51	52	67	64	62	55	63	67	57	54	....	51.2
Pocahontas	Maximum	56	67	70	68	62	69	76	74	61	70	75	70	67	69	70	68	66	69	75	73	73	83	80	83	76	80	77	79	80	80	....	72.2
	Minimum	28	40	62	54	42	39	50	37	38	40	45	53	57	49	44	38	40	38	42	54	53	40	60	64	55	54	58	60	53	53	....	48.0
Portland	Maximum	62	76	85	80	78	76	81	76	71	82	75	77	82	78	75	80	70	76	80	72	79	90	87	81	84	85	83	89	77	85	....	79.1
	Minimum	32	41	59	57	49	44	52	54	43	53	53	61	58	53	54	46	49	42	44	57	53	55	68	64	62	57	66	68	59	54	....	53.6
Prescott	Maximum	65	65	82	78	73	73	75	71	69	75	75	70	72	75	75	75	71	74	76	73	76	86	86	84	80	82	82	85	79	82	....	76.1
	Minimum	31	41	56	58	46	43	51	51	42	48	54	59	59	53	51	45	46	43	46	55	50	53	70	63	63	58	62	66	55	55	....	52.4
Rison	Maximum	61	70	82	78	66	75	79	73	67	77	79	71	76	73	76	76	70	74	77	72	77	83	85	83	82	85	83	84	78	82	....	76.5
	Minimum	29	42	55	56	45	40	51	47	40	47	54	58	58	48	48	47	47	43	45	55	49	53	68	62	60	55	63	64	58	54	....	51.4
Rogers	Maximum	65	55	73	66	59	73	77	56	67	70	71	66	66	64	66	58	62	73	76	72	74	78	87	81	77	78	77	77	75	83	....	70.7
	Minimum	31	45	48	46	36	34	55	30	35	37	52	53	53	44	43	37	34	32	46	54	47	47	66	67	60	56	57	53	50	46	....	46.5
Stuttgart	Maximum	56	68	75	72	63	69	78	71	62	71	75	70	75	72	75	69	63	69	75	69	74	76	82	81	73	81	76	83	75	80	....	72.6
	Minimum	29	40	38	40	47	42	50	46	40	46	51	59	59	50	47	44	48	41	46	55	52	54	65	64	59	64	64	65	57	55	....	50.6
Subiaco	Maximum	65	61	80	75	61	72	79	70	70	75	70	72	70	73	....	71	68	75	80	73	75	82	92	85	79	80	80	80	79	86	....	75.1
	Minimum	31	45	50	52	42	39	55	41	42	45	54	54	50	50	....	45	45	40	46	55	51	52	66	61	61	65	60	60	55	52	....	50.5
Texarkana	Maximum	69	65	82	79	69	75	74	72	73	82	75	69	78	74	76	76	74	74	74	68	80	85	85	89	80	82	81	82	81	82	..	76.8
	Minimum	34	45	57	58	46	46	56	52	44	50	57	60	66	53	51	46	49	45	51	60	48	61	72	62	64	58	65	66	53	55	....	54.3
Warren	Maximum	62	69	81	79	72	76	80	73	71	80	73	70	76	78	76	79	69	78	80	70	80	84	86	88	75	88	83	87	82	85	....	77.4
	Minimum	31	40	60	59	47	42	52	51	43	48	53	60	59	52	53	45	49	41	46	57	51	53	67	64	63	55	61	64	59	56	....	52.8
Wynne	Maximum	55	68	79	76	67	70	78	72	62	72	77	70	70	72	74	68	64	69	76	71	72	85	81	75	80	73	84	81	76	77	83	....	73.1
	Minimum	29	40	54	57	47	39	51	44	38	45	51	58	60	53	45	40	45	40	45	56	55	51	62	65	58	52	62	61	55	53	....	50.1

§§ Instruments are read in the morning: the maximum temperature then read is credited to the preceding day on which it almost always occurs.

$1.05
ANAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, Ark., MAY, 1923. No. 5

GENERAL SUMMARY.

The outstanding characteristics of the weather in Arkansas during May, 1923, were the positive precipitation and the negative temperature departures. Temperatures were below normal about 20 days during the month, only slightly above at any time. A HIGH, closely following a disturbance of considerable intensity, moved southward from the Northern Plains to the West Gulf States on the 9th giving unseasonably cool weather throughout Arkansas with freezing temperatures and killing frosts at a number of northern Stations. On the 14th a disturbance moved from the Southwest northeastward across the State giving heavy rain in all sections, over nine inches falling at Hot Springs in less than 24 hours. During this downpour, between the hours of 4:00 p. m. and 8:00 p. m. May 14th, this city suffered the greatest disaster of its history. The entire business section from the junction of Park and Whittington avenues to the Citizens National Bank corner was swept by a torrent of water four to nine feet deep. The total damage is estimated at from $1,000,000 to $2,000,000, all of which resulted directly from the storm. As a result of these heavy rains the streams of the State reached flood stages, the Ouachita at Camden and the Little Red at Judsonia doing serious damage while the White, Black, Arkansas, Petit Jean, Cache, and St. Francis all reached flood stage at one or more points, flooding the lowlands and further retarding preparation for a crop. The strawberry crop was seriously damaged by the continued rains, the late berries being almost a failure. More than ten persons were injured, two severely, by a tornado which passed through southern Sevier County the afternoon of the 14th. The path was half a mile wide traveling from southwest towards the northeast. Houses, barns, crops, and timber were destroyed in its path. The damage is estimated at several thousand dollars. A tornado occurred in the west end of Little Rock about 8:00 p. m. May 14th moving from southwest towards the northeast Trees were uprooted, the Forest Park school building demolished, and dwellings damaged. On the same evening the U. M. Rose School, 13th and State streets, was struck by lightning and partly burned.

W. C. H.

TEMPERATURE.

The mean temperature for May, as determined from the records of 54 stations, was 67.2° which is 2° below normal. All stations for which normals have been computed showed negative departures except Mammoth Spring and Huttig. The highest monthly mean was 71.8° at Huttig; the lowest, 61.4° at Nail. The highest temperature recorded during the month was 98° at Malvern on the 20th, the lowest, 27° at Dutton and Gravette on the 9th.

PRECIPITATION.

The average precipitation for the State, as determined from the records of 73 stations, was 8.24 inches which is 3.12 inches above normal, all stations except Camden and Whitecliffs recording positive departures. This was the wettest May since 1907 and only four during the past 33 years have shown heavier average rainfall. Monthly totals ranged from 14.26 inches at Hot Springs to 3.55 inches at Magnolia. The greatest amount measured in 24 consecutive hours was 9.01 inches at Hot Springs on the 14th. The average number of rainy days was 12.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	29.76	30.28	9	29.38	14	4,088	31	s.	11	.....	.....	48
Fort Smith...	29.85	30.30	9	29.40	15	6,358	56	w.	23	61	71	66
Little Rock	29.35	30.25	9	29.46	15	6,442	49	s.	11	62	70	65
Memphis....	29.87	30.21	9	29.52	15	5,569	50	sw.	15	62	70	67

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 1st, 5; 2d, 4; 3d, 2; 4th, 1; 7th, 7; 8th, 2; 11th, 8; 12th, 18; 13th, 2; 14th, 27; 15th, 15; 18th, 1; 19th, 7; 20th, 1; 21st, 6; 22d, 17; 23d, 21; 24th, 28; 25th, 18; 26th, 11; 27th, 5; 28th, 12; 29th, 7; 30th, 17; 31st, 1.

Dense Fog:– 27th, 1; 28th, 1.

Solar Halos:– 1st, 1; 7th, 1.

Killing Frost:– 9th, Bee Branch, Dodd City, Dutton, Eureka Springs, Gravette, Mount Ida, Rogers, Subiaco.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes.	69.2		10	24	5.12		13	10	5	8
1891.....	67.0	−2.2	97	36	2.78	−2.34	15	9	7	7
1892.....	67.8	−1.4	100	32	9.52	+4.40	8	11	12	13
1893.....	68.6	−0.6	94	38	9.71	+4.59	14	8	9	11
1894.....	70.1	+0.9	95	35	3.40	−1.72	12	12	7	7
1895.....	69.0	−0.2	97	36	3.91	−1.21	13	11	7	8
1896.....	74.3	+5.1	98	46	3.54	−1.58	15	10	6	7
1897.....	68.3	−0.9	98	33	2.13	−2.99	17	9	5	5
1898.....	72.1	+2.9	100	30	6.44	+1.32	16	9	6	7
1899.....	72.9	+3.7	96	44	6.45	+1.33	10	12	9	10
1900.....	69.3	+0.1	97	37	3.69	−1.43	12	12	7	9
1901.....	68.2	−1.0	100	31	2.95	−2.17	12	13	6	7
1902.....	73.2	+4.0	100	42	4.34	−0.78	12	12	7	8
1903.....	67.5	−1.7	96	24	7.47	+2.35	9	11	11	12
1904.....	67.1	−2.1	98	31	3.39	−1.73	13	12	6	8
1905.....	70.7	+1.5	98	38	9.58	+4.46	9	11	11	12
1906.....	68.8	−0.4	100	28	4.71	−0.41	15	8	8	8
1907.....	63.8	−5.4	91	31	9.48	+4.36	7	13	11	13
1908.....	70.0	+0.8	96	30	7.05	+1.93	8	13	10	10
1909.....	67.0	−2.2	92	28	6.76	+1.64	14	9	8	10
1910.....	66.0	−3.2	95	31	6.56	+1.44	12	10	9	11
1911.....	70.8	+1.6	101	26	1.11	−4.01	19	10	2	3
1912.....	69.9	+0.7	98	32	2.41	−2.71	15	11	5	6
1913.....	69.3	+0.1	99	35	3.32	−1.80	16	10	5	7
1914.....	69.5	+0.3	97	34	3.34	−1.78	12	13	6	6
1915.....	69.9	+0.7	101	34	5.58	+0.46	12	9	10	9
1916.....	71.6	+2.4	99	34	3.56	−1.56	18	7	6	6
1917.....	63.5	−5.7	97	31	3.15	−1.97	15	7	9	6
1918.....	72.2	+3.0	102	29	3.01	−2.11	17	8	6	4
1919.....	66.8	−2.4	96	38	6.01	+0.89	9	9	13	12
1920.....	70.8	+1.6	96	39	8.17	+3.05	11	9	11	12
1921.....	69.7	+0.5	99	29	2.25	−2.87	18	8	5	5
1922.....	70.8	+1.6	100	40	5.00	−0.12	12	10	9	11
1923.....	67.2	−2.0	98	27	8.24	+3.12	11	8	12	12

*Based on 30 years record.

Climatological Data for May, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Arkadelphia	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	7.80	+1.59	4.00	0	9	9	0	22	ne.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	7.69	+3.27	3.36	0	12	11	7	13	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	11.95	.....	3.50	0	10	7	8	16	.....	J. D. Reeves.
Batesville	Independence	277	24	65.3	— 2.5	89	31	34	9	41	11.09	+6.05	2.80	0	14	13	4	14	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	31	66.4[e]	— 2.0	92[e]	30	31[e]	9	48[e]	11.70	+7.16	3.75	0	11	10[d]	7[d]	10[d]	se.	J. E. Scanlan.
Bentonville	Benton	1303	17	63.6	— 2.8	88	31	35	9	35	9.20	+3.98	2.31	0	15	12	6	13	n.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	9.30	+4.67	4.48	0	15	15	1	15	.....	Vernon C. Howe.
Booneville	Logan	600	9	65.4	.....	87	20†	39	9	31	10.73	.....	4.03	0	14	13	8	10	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	41	68.8	— 1.0	92	31	39	9	38	8.59	+3.91	3.03	0	15	15	5	11	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	65.1	.....	91	31	34	9	46	8.65	+4.57	2.40	0	16	10	13	8	w.	W. J. Copp.
Camden	Ouachita	158	37	68.8	— 2.4	91	30†	38	9	39	4.07	−0.44	1.45	0	11	13	6	12	n.	A. B. Quarterman.
Centerpoint	Howard	470	24	68.4	— 2.9	89	30†	37	9	32	9.67	+2.93	6.75	0	13	9	15	7	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	8.10	+3.01	2.98	0	16	9	5	17	n.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	10.38	.....	3.25	0	13	12	8	11	w.	Dr. R. M. Hunter.
Conway	Faulkner	309	39	68.0	— 1.5	89	20†	40	9	39	11.36	+6.44	3.70	0	14	12	11	8	s.	E. E. Cordrey.
Corning	Clay	293	23	65.1	— 3.3	88	31	37	9†	41	9.20	+5.17	2.34	0	13	7	12	12	e.	Rev. N. E. Skinner.
Dam No. 1, ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	11.10	.....	4.11	0	10	14	1	16	.....	H. S. Cooper.
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	9.81	.....	2.18	0	14	14	0	17	s.	C. P. Evans.
Dardanelle	Yell	330	37	67.0	— 2.5	90	20	41	9	27	8.72	+2.96	1.63	0	13	16	0	15	s.	J. D. Riley.
Dodd City	Marion	1175	4	63.2	— 4.1	90	31	30	9	45	8.16	+3.04	3.16	0	10	10	12	9	sw.	Neal Dodd.
Dumas	Desha	162	16	68.8	— 2.4	92	30†	40	9	36	7.81	+3.42	3.10	0	14	3	17	11	s.	Ben Johnson.
Dutton	Madison	1590	21	62.2	— 2.1	85	31	27	9	43	8.54	+1.68	1.84	0	13	7	18	6	s.	J. M. Ricketts.
El Dorado	Union	270	17	70.4	— 0.5	95	31	40	9	35	5.27	+0.10	1.54	0	11	6	13	12	nw.	J. J. Babb.
England	Lonoke	229	16	67.6[d]	— 2.2	91[d]	31	39[d]	9	41[d]	5.72	+1.35	1.61	0	12	6[d]	8[d]	13[d]	s	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	64.8	— 2.1	90	31	32	9	33	8.23	+2.19	2.00	0	12	5	20	6	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	21	65.6[j]	.....	89[j]	30	34[j]	9†	46[j]	.....	.....	.....	0	.....	3[j]	12[j]	6[j]	.....	C. C. Price.
Fayetteville	Washington	1451	37	64.4	— 2.0	86	31	33	9	38	7.62	+2.07	2.85	0	12	8	10	13	ne.	University of Arkansas.
Fort Smith	Sebastian	481	41	66.8	— 2.9	89	31	40	9	36	8.87	+3.96	2.08	0	16	10	8	13	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	5.32	+0.63	2.62	0	11	10	12	9	s.	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	8.65	.....	3.60	0	13	13	6	12	e.	Arthur Lentz.
Grannis	Polk	900	5	65.9	.....	88	20†	35	9	37	9.21	.....	4.43	0	12	19	7	5	e.	W. E. Mc Vay.
Gravette	Benton	1250	25	62.6	— 3.0	86	31	27	9	36	7.26	+1.37	1.55	0	13	8[a]	11[a]	11[a]	sw.	A. F. Stevens.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	9.97	.....	3.61	0	13	9	14	8	w.	E. C. Spanhurst.
Helena	Phillips	182	55	.....	.....	.....	.....	.....	.....	.....	9.67	+5.23	4.84	0	15	10	2	19	.....	James A. Burnett.
Higden	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	9.78	.....	4.75	0	13	11	11	9	sw.	J. A. Ingram.
Hope	Hempstead	377	51	70.1	— 1.1	93	21	41	9	37	6.06	+0.70	1.80	0	10	19	4	8	s.	N. P. O' Neal.
Hot Springs	Garland	600	30	67.6[a]	— 2.0	90[a]	31	35[a]	9	38[a]	14.26	+8.25	9.01	0	14	9	13	9	.....	P. P. Patraw.
Huttig	Union	175	16	71.8	+ 0.2	96	30	42	9	30	8.55	+2.77	2.90	0	10	14	7	10	sw.	J. L. Collett.
Jonesboro	Craighead	315	28	67.2	— 2.8	92	31	40	9	31	5.76	+1.86	3.31	0	13	12	12	7	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	30	71.4	— 0.2	97	31	39	9	42	6.21	+1.58	3.00	0	6	12	7	12	n.	J. A. Louderback.
Lincoln	Washington	1500	2	.. ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. E. Nabers.
Little Rock	Pulaski	286	44	67.4	— 2.9	89	31	43	9	33	10.56	+5.40	5.54	0	16	9	10	12	e.	U. S. Weather Bureau
Lutherville, ‡‡	Johnson	775	26	65.5	— 2.2	88	31	39	9	39	7.83	+2.51	2.45	0	11	15	7	9	e.	H. Kauffeld.
Magnolia	Columbia	315	5	70.1[a]	.....	94[a]	31	40[a]	8	48	3.51	.....	1.40	0	7	5[a]	6[a]	19[a]	s.	State Agri. School.
Malvern	Hot Springs	277	40	69.4	0.0	98	20	36	9	40	8.87	+4.09	5.05	0	12	12	11	8	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	512	18	68.0	+ 2.3	91	31	41	10	41	7.75	+3.59	2.32	0	19	11	14	6	n.	F. Wallick.
Marianna††	Lee	235	14	68.6	— 2.2	88	20†	41	9	29	8.17	.....	1.64	0	13	7	11	13	se.	C. N. Houck.
Marked Tree	Poinsett	229	18	67.6	.....	89	30	41	9	37	9.16	+4.74	4.06	0	18	13	12	6	sw.	Charles Walton.
Marshall	Searcy	1083	8	65.7	.....	89	31	37	9	36	8.52	.....	2.30	0	13	8	14	9	se.	W. F. Reeves.
Mena	Polk	1185	35	66.1	— 3.2	90	31	37	9	39	7.57	+0.70	1.77	0	14	9	7	15	sw.	E. W. St. John.
Morrillton	Conway	347	3	67.0[a]	.....	87[a]	31	42[a]	9	34[a]	7.57	.....	1.70	0	11	17[a]	10[a]	3[a]	se.	W. C. Jackson.
Mountain Home	Baxter	800	9	63.3	.....	90	31	34	9†	48	8.75	.....	2.15	0	11	13	4	14	w.	B. S. Halbert.
Mount Ida	Montgomery	730	25	66.3	.....	90	20†	32	9	46	9.70	+3.49	3.70	0	10	9	12	10	sw.	G. A. Whittington.
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	.....	10	3	18	.....	Henry A. Davis.
Nail	Newton	2233	30	61.4	— 3.1	82	30†	33	9	34	8.87	+2.33	2.60	0	12	11	7	13	s.	Charles Paxton.
Newport	Jackson	231	39	69.0	— 1.1	95	31	41	9	39	8.92	+4.91	2.60	0	15	11	11	9	nw.	Geo. L. Robinson.
Osceola	Mississippi	240	23	68.3	— 2.1	90	20	39	10	40	6.68	+2.09	2.60	0	8	11	7	13	s.	Mrs. J. T. Driver.
Okay	Pope	1700	8	.....	.....	.....	.....	.....	.....	.....	7.85	.....	2.98	0	.....	.....	.....	.....	.....	J. A. Mason.
Ozark	Franklin	450	26	66.2[b]	— 3.8	88[b]	11†	35[b]	9	46[b]	7.99	+1.82	2.40	0	11	9[c]	5[c]	14[c]	se.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	10.13	.....	4.05	0	10	14	0	17	s.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	7.52	.....	2.22	0	14	7	11	13	se.	W. W. Wood.
Pine Bluff	Jefferson	215	39	69.8	— 1.5	94	30	41	9†	30	7.28	+2.53	2.00	0	15	15	5	11	s.	Miss Theresa Scheu.
Pocahontas	Randolph	300	31	67.2	— 1.9	91	31	38	10	38	9.79	+5.09	3.25	0	14	8	14	9	n.	Benedicitine Sisters.
Portland	Ashley	122	17	70.8	— 0.1	93	31	43	9†	37	6.68	+0.75	3.07	0	12	8	8	15	nw.	W. E. Edmiston.
Prescott	Nevada	329	41	69.8	— 1.1	92	30†	42	9	35	8.79	+3.58	2.10	0	16	16	8	7	n.	O. J. Stephenson.
Princetown	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	6.30	+0.81	2.00	0	8	11	0	20	.....	Foote Coleman.
Rison	Cleveland	243	19	68.6	— 2.1	93	30	39	9	38	4.54	+0.88	2.05	0	10	8	14	9	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	64.1	— 2.0	87	31	30	9	35	7.61	+2.33	2.75	0	13	11	7	13	s.	Carl A. Starck.
Snow Lake	Arkansas	185	2	69.5	.....	89	20†	43	10	39	7.20	.....	2.04	0	11	15	9	7	.....	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	5.29	+1.37	1.30	0	9	16	6	9	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	68.4	— 1.4	88	20†	39	9	34	6.67	+1.87	2.22	0	11	14	9	8	w.	H. A. Buerkle.
Subiaco	Logan	1050	26	68.0	— 1.8	94	31	34	9	42	7.36	+1.29	3.25	0	8	14	7	10	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	71.2	— 0.3	94	31	40	9	37	4.23	+0.04	1.00	0	10	10	6	15	s.	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	11.17	.....	5.11	0	13	5	7	19	nw.	Dr. Cheves Bevil.
Warren	Bradley	206	28	70.7	— 0.3	95	30	40	9	40	8.35	+3.66	2.25	0	9	12	12	7	n.	Mrs. J. L. Clegg.
Whitecliff	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	5.48	−0.21	2.20	0	7	10	9	12	sw.	Miss E. M. Schirmer
Wynne	Cross	250	15	67.6	— 1.5	91	31	40	9	32	7.43	+3.73	2.65	0	15	8	8	15	ne.	E. O. Allen.
State Means and Extremes				67.2	— 2.0	98	20	27	9	48	8.24	+3.12	9.01	0	12	11	8	12	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Dam No. 1, Judsonia, Ark.; Junction, Randolph La.; Lutherville, R.F.D. No 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for May, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	....	....	....	....	....	....	....	.35	....	....	....	.15	....	1.60	4.00	....	....	....	....	....	....	.25	....	....	.70	.40	....	....	....	....	....	7 80
Arkadelphia	Ouachita	....	.20	....	.15	....	....	....	.35	....	....	....	.15	....	1.60	4.00	....	....	....	....	....	....	.25	....	....	.70	.40	....	....	....	....	....	7 80
Arkansas City	Mississippi	....	.02	.08	....	.20	....	....	.29	....	....	....	....	1.26	T.	3 36	.30	....	....	....	....	....	....	....	.93	.04	.03	1.15	T.	....	....	.03	7.69
Arlberg	White	....	....	....	.90	....	....	.40	....	....	....	....	.80	....	3.50	1.30	....	....	....	....	....	....	.65	.20	.90	3.10	....	....	....	....	....	.20	11.95
Batesville	White	....	T.	.18	.26	.24	....	....	.09	....	....	....	.35	....	1.20	2 80	T.	....	....	....	....	....	.10	1.20	1.52	.41	1.62	T.	T.	.74	.38	T.	11.09
Bee Branch	Arkansas	....	.60	....	.25	....	....	.10	....	....	....	....	.75	....	3.75	1.10	....	....	....	....	....	....	.60	....	1.95	2.25	.25	.10	T.	....	T.	....	11.70
Bentonville ***	Arkansas	T.	.01	.01	....	....	....	.13	....	....	2.04	.05	T.	1.59	1.17	....	....	T.	.22	....	.25	.69	.67	1.70	.33	....	....	.27	....	.07	....	9.20
Black Rock	White	....	.02	.55	.41	.46	....	....	.04	....	....	....	.52	....	.98	4.48	.04	....	T.	....	....	....	....	.57	.80	.17	.16	.11	....	....	....	.04	9.30
Booneville	Arkansas	....	.96	.14	....	....	....	.25	....	....	....	....	.42	....	4.03	.12	....	....	....	.07	....	....	1.31	.14	1.54	.20	....	....	.52	.06	.97	....	10.73
Brinkley	White	....	....	.24	.11	.12	....	....	.24	....	....	....	.12	....	.75	3.03	.18	....	....	....	....	....	....	.60	.72	1.04	.34	T.	....	.08	.84	.18	8.59
Calico Rock	White	....	T.	.27	.59	.12	....	....	.05	T.	....	....	.82	....	.64	2.40	.29	....	....	....	....	....	.12	.94	.74	1.74	.10	.09	.12	....	.12	....	8.65
Camden	Ouachita	.01	.20	.16	.05	....	....	.45	....	....	....	.01	....	1.45	1.40	....	....	....	....	....	....	....	....	....	.21	.12	....	....	.01	....	....	....	4.07
Center Point	Red	.05	.84	.06	T.	....	....	.50	....	....	....	T.	.22	....	6.75	.47	....	....	T.	....	.13	..	.12	....	.20	....	.02	T.	.07	.24	....	....	9.67
Clarendon	White	....	....	.22	.13	.21	....	....	.07	....	....	....	.06	.10	1.12	2.98	.20	....	....	....	....	....	....	.60	.72	.04	1.16	.12	....	T.	.12	.25	8.10
Clinton	White	....	.60	.19	.21	....	....	.06	....	....	....	....	.81	....	3.25	.66	....	....	....	....	....	....	70	....	1.83	1.02	.60	.05	....	....	.40	....	10.38
Conway	Arkansas	.22	.51	.27	.12	....	....	.12	....	....	....	....	.15	....	2.25	3.70	....	....	....	....	....	....	.38	.04	1.08	1.72	.10	....	....	....	.70	....	11.36
Corning	White	....	.30	1.00	2.12	..	....	T.	....	....	....	T.	.21	....	2.00	2.34	....	....	....	....	....	....	.04	.10	.21	.15	.05	.17	....	.51	....	....	9.20
Dam No. 1	White	....	....	.28	....	....	....	....	.12	....	..	....	.33	....	1.62	4.11	....	....	....	....	....	....	....	1.12	2.28	.09	.82	....	....	....	....	.33	11.10
Danville	Arkansas	.35	.15	.05	....	....	....	.15	....	....	....	.48	....	1.75	1.35	....	....	....	....	....	....	.82	.22	1.25	2.18	....	.10	....	.85	..	.11	....	9.81
Dardanelle	Arkansas	....	.08	....	.25	....	....	....	.14	....	....	....	.70	....	1.50	1.63	....	....	....	....	....	....	.95	.17	1.10	.83	....	.20	....	.11	....	1.06	8.72
Dodd City	White	....	.25	.26	.50	....	....	.25	....	....	....	....	.52	....	2.83	....	....	....	....	....	....	....	....	.33	3.16	....	....	....	....	.03	.03	....	8.16
Dumas	Arkansas	....	.10	.13	.04	.32	T.	....	.40	....	....	....	.20	.12	.90	3.10	.25	....	....	T.	....	....	T.	T.	1.54	.10	.46	.15	T.	....	....	T.	7.81
Dutton	White	T.	.24	.09	....	....	....	.17	....	....	....	T.	1.20	....	1.84	.53	....	....	....	.16	....	....	1.13	.84	1.18	.98	....	....	.06	....	.12	....	8.54
El Dorado	Ouachita	....	.07	.42	.02	.10	....	....	.62	....	....	....	....	1.54	.10	1.85	....	....	....	....	....	....	....	....	.50	.03	....	.02	....	....	....	....	5.27
England	Arkansas	....	.45	.11	.14	.06	....	.08	....	....	....	....	.14	....	1.33	1.61	....	....	....	....	....	....	.13	.71	.47	T.	.49	....	....	....	....	....	5.72
Eureka Springs	White	....	.11	T.	....	....	....	.15	....	....	....	....	1.52	....	1.60	1.06	T	....	....	.40	....	....	.35	T.	2.00	.32	.10	....	.51	....	.11	....	8.23
Evening Shade	White	....	1.30	.34	.89	....	....	.03	....	....	....	....	.39	....	....	....	....	....	....	....	....	....	.31	.30	....	....	.89	....	....	.54	....	....	....
Fayetteville	White	....	.15	.20	....	....	....	.20	....	....	....	....	.20	....	2.85	.85	....	....	....	....	....	....	1.10	.10	.93	.27	....	....	.52	....	.25	....	7.62
Fort Smith	Arkansas	.89	.01	T.	....	....	....	.30	....	....	.56	.02	.13	1.95	.06	....	....	..	T.	....	.96	.99	.64	1.50	.37	....	....	.41	.05	.03	....	8.87
Fulton	Red	.03	.45	.20	.10	T.	..	....	.05	....	....	....	.07	....	.35	2.62	T.	....	T.	....	....	....	....	....	.80	.10	....	....	.55	....	....	....	5.32
Georgetown	White	....	....	.10	.40	.25	....	....	T.	....	....	....	.10	....	1.20	3.60	.10	....	....	....	....	....	....	.55	.90	T.	.55	.60	....	....	.10	.20	8.65
Grannis	Red	.03	2.20	.06	....	....	....	.89	....	....	.01	.14	....	4.43	....	....	....	....	....	....	....	....	.60	.01	.37	....	....	....	.17	.30	....	....	9.21
Gravette	Arkansas	....	.05	T.	....	....	....	.18	....	....	T	.62	....	1.55	1.00	.03	T.	....	.10	....	....	....	1.10	.09	1.23	.03	....	....	1.05	.23	....	....	7.26
Heber Springs	White	....	.52	.02	.27	....	....	.09	....	....	.49	..	....	3.61	1.62	....	....	....	....	....	....	....	.65	.49	1.16	.36	.51	....	....	....	.18	....	9.97
Helena	Mississippi	....	....	.24	.02	.04	....	....	.30	....	....	01	.04	....	4.84	.60	....	....	....	....	....	....	....	.50	1.62	.70	.26	.10	.04	....	.36	....	9.67
Higden	White	....	.39	.03	.09	....	....	.12	....	....	....	.75	....	4.75	.26	....	....	....	....	....	....	....	.58	.85	.31	1.50	.13	....	....	....	.02	....	9.78
Hope	Red	T.	1.16	.20	.02	....	....	.38	....	....	.10	....	....	1.31	1.80	....	....	....	....	....	.10	....	....	....	.82	....	....	....	.17	....	....	....	6.06
Hot Springs	Ouachita	....	.83	.01	.05	....	....	.30	....	....	T.	.27	....	*	9.01	T.	....	....	.11	....	....	....	.42	.04	1.73	.10	1.35	.04	....	....	....	....	14.26
Huttig	Ouachita	....	.30	.10	.05	.15	....	.30	....	....	....	2.90	....	....	2.10	....	....	....	....	....	....	....	....	....	.65	1.00	1.00	....	....	....	....	....	8.55
Jonesboro	White	....	.29	.02	.07	T.	....	.01	.02	....	....	.22	....	1.20	3.31	....	....	....	....	....	....	....	.10	.10	.08	.18	T.	.16	....	....	....	....	5.76
Junction	Ouachita	....	1.16	....	.20	....	....	T.	....	....	....	.88	....	....	3.00	T.	....	.19	T.	....	....	....	....	.78	T.	....	T.	.16	....	....	....	....	6.21
Little Rock ***	Arkansas	.01	.94	.25	.09	....	....	.12	....	....	....	.08	....	5.49	.06	....	T.	....	....	....	....	....	.17	.86	.96	.31	.08	.01	.04	....	1.03	....	10.50
Lutherville	Arkansas	....	.25	....	....	....	....	.25	....	....	....	.52	....	2.45	.09	....	....	....	....	....	....	1.05	....	.40	1.60	.45	....	....	.15	....	.02	....	7.83
Magnolia	Red	....	.30	....	....	....	....	.10	....	....	....	1.40	....	....	.85	....	....	.17	....	....	....	....	....	....	.66	....	....	....	....	.07	....	....	3.55
Malvern	Ouachita	....	.35	....	.03	....	....	....	.41	....	....	....	.26	....	1.60	5.05	.22	....	....	....	....	....	.23	.18	.34	.17	T.	....	....	....	....	.03	8.87
Mammoth Spring	White	....	.44	.10	.51	....	....	.05	.02	....	.03	.15	....	2.32	1.29	.04	....	.03	....	....	....	....	.16	.59	.83	.63	.18	.14	....	.16	.08	....	7.75
Marianna	Mississippi	....	.11	.18	.42	....	....	....	.18	....	....	.03	....	1.64	1.52	....	....	....	....	....	....	....	....	.77	1.56	.77	.65	12	....	.22	....	....	8.17
Marked Tree	Mississippi	....	.06	.11	.10	.18	....	....	.07	....	....	.43	.02	.80	4.06	.14	....	T.	....	....	....	....	....	1.10	1.23	.13	.28	.12	.09	.22	.02	....	9.16
Marshall	White	T.	.60	.36	.42	....	....	.14	....	....	.02	.42	....	2.30	.76	....	....	....	....	....	....	....	.64	.41	1.29	1.06	....	....	....	....	.10	....	8.52
Mena	Ouachita	.01	1.28	.08	.09	T.	....	....	.38	....	....	....	....	1.77	1.73	.05	....	....	....	....	....	....	.79	.17	.74	.11	.01	....	....	.36	....	....	7.57
Morrilton	Arkansas	....	.59	.05	.06	....	....	.12	....	....	....	.20	....	1.70	1.15	....	....	....	....	....	....	....	.60	....	2.46	.21	....	....	....	.43	....	....	7.57
Mountain Home	White	....	....	.21	.35	....	....	.05	T.	....	....	.63	....	2.00	1.05	....	....	....	....	....	....	....	.25	.58	1.34	2.15	.12	T.	....	....	....	....	8.73
Mount Ida	Ouachita	....	.75	....	....	....	....	.50	....	....	....	....	....	3.70	.20	....	....	.81	....	....	....	....	.65	.05	2.72	....	....	.12	.20	....	....	....	9.70
Murfreesboro	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	3.37	3.43	....	....	....	....	....	....	....	....	.31	.68	.35	.54	.17	.13	....	....	....	....	....
Nail	White	....	.30	.12	.05	....	....	.25	....	....	....	.20	....	2.60	.55	....	....	....	....	T.	....	....	.65	.40	1.00	2.00	....	....	....	....	.75	...	8.87
Newport	White	....	.04	.15	.20	.18	....	....	.12	....	....	.10	....	1.40	2.60	.08	....	....	....	....	....	....	....	.59	1.82	.49	.09	.95	.11	....	....	....	8.92
Okay	Arkansas	....	.39	....	.17	....	....	.30	....	....	....	....	.77	....	2.98	....	*	....	....	....	....	....	....	....	....	2.80	....	.38	.06	....	....	....	....	7.85
Osceola	Mississippi	....	....	.35	.90	.40	....	....	....	....	....	T.	....	....	T.	2.60	.40	....	....	....	....	....	.85	....	....	....	.88	....	....	....	....	.30	6.68
Ozark	Arkansas	.20	.34	.08	T.	....	....	.30	....	....	....	....	.40	2.40	.35	....	....	....	....	.31	....	....	1.38	....	1.58	.02	....	T.	.63	....	T.	....	7.99
Patterson	White	....	....	.16	.40	....	....	....	.28	....	....	.10	....	1.10	4.05	....	....	....	....	....	....	....	....	.65	.85	....	.61	1.93	....	....	.40	....	10.13
Pindall	White	....	.56	.30	.35	....	....	.17	....	....	.95	35	....	2.22	.90	....	....	....	....	....	....	....	.34	.33	.97	.57	....	....	.01	....	.40	....	7.52
Pine Bluff	Arkansas	T.	.27	.10	.10	.35	....	....	.20	....	....	.27	.30	.70	2.00	T.	....	....	....	....	....	....	T.	.60	1.15	.60	.39	.22	....	....	....	.03	7.28
Pocahontas	White	....	.40	....	1.35	....	....	....	.05	....	....	.30	....	1.95	3.25	.05	....	....	....	....	....	....	.20	.35	.56	.13	.22	.02	....	.96	....	....	9.79
Portland	Ouachita	....	.06	.56	.10	.16	....	....	.21	....	....	....	....	3.07	....	1.58	.02	....	....	....	....	....	....	.17	.38	.23	....	.14	....	....	....	....	....	6.68
Prescott	Ouachita	.03	.57	.20	.07	.03	....	....	1.02	....	....	.06	T.	2.10	1.90	.06	....	....	....	....	.80	....	.02	1.62	.14	....	.03	....	.14	....	....	....	8.79
Princeton	Ouachita	....	.35	....	....	....	....	.35	....	....	....	.40	....	1.70	2.00	....	....	....	....	....	.80	.20	....	....	....	....	.50	....	....	....	....	....	....	6.30
Rison	Ouachita	....	.39	.03	.33	....	.65	....	....	....	....	.15	....	2.05	.04	....	....	....	....	....	....	....	....	.10	.55	....	.25	..	....	....	....	....	....	4.54
Rogers	Arkansas	....	.08	.18	....	....	....	.17	....	....	....	.56	....	2.12	.63	....	....	.23	....	....	....	....	.81	.12	2.02	.23	....	....	.35	....	.11	....	7.61
Snow Lake	Mississippi	....	....	.02	.16	....	....	.36	....	....	.33	1.10	....	2.04	2.02	....	....	....	....	....	....	....	....	.34	.38	.09	....	....	....	....	....	.36	7.20
Springbank	Red	T.	.12	.23	.02	T.	....	....	T.	..	....	....	T.	1 25	....	.40	....	....	....	T.	....	.36	....	T.	1.25	1.30	....	T.	....	.36	....	....	5.29
Stuttgart	Arkansas	T.	.25	.04	.11	....	....	.15	....	....	....	....	.13	....	1.78	2.22	....	....	....	....	....	....	T.	1.03	.29	.04	T.	....	....	....	....	.63	6.67
Subiaco	Arkansas	....	.26	....	....	....	....	.23	....	....	....	....	....	....	3.25	.05	....	....	....	....	....	....	....	1.63	1.21	....	....	....	.20	....	.53	....	7.36
Texarkana	Red	....	.63	....	.06	T.	....	....	....	....	....	.02	....	.34	1.00	....	....	....	.07	....	....	....	....	....	.33	.78	....	27	....	.73	....	....	4.23
Waldron	Arkansas	.06	.73	.66	....	....	....	.47	....	....	T.	.06	....	5.11	.04	....	....	....	T.	....	....	1.21	.84	1.08	1	....	.12	.66	.13	T.	....	11.17
Warren	Ouachita	T.	.15	....	.80	....	....	.35	....	....	....	1.80	.25	2.20	2.25	....	....	....	....	....	....	....	.30	T.	.75	T.	T.	....	....	....	....	....	8.35
Whitecliffs	Red	....	.30	....	....	....	....	....	.32	....	....	T	....	2.20	1.51	....	....	....	....	....	....	....	....	....	.30	T.	....	.15	....	.70	....	....	5.48
Wynne	Mississippi	....	....	.30	.18	.08	....	....	.65	....	....	.28	....	.75	2.65	.11	....	....	....	....	....	....	.61	.55	.14	1.50	.08	.05	....	.10	....	....	7.43

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for May, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.3	14.8	13.8	13.1	13.0	11.0	9.6	8.6	8.3	7.9	7.4	7.1	9.3	9.2	15.5	20.5	18.8	18.1	16.2	13.8	11.0	10.4	18.4	22.3	26.1	24 5	25.6	23.8	23.6	22.4	21.4
Dardanelle	do	20	13.6	13.4	13.2	12.2	11.5	10.2	9.8	8.5	7.9	6.8	6.0	5.8	6.0	6.8	12.8	16.9	19.0	17.4	16.1	14.5	12.8	10.5	10.9	18.5	22 5	25.0	23.8	22.6	22.4	22.0	21.5
Little Rock	do	23	15.2	15.6	15.0	14.8	13.7	12.8	12.1	11.1	9.3	7.9	6.8	6.5	5.4	5.5	9.5	15.8	18.8	20.0	19.3	18.5	17.3	15.3	13.3	13.0	19.0	21.6	23.0	22.9	22.3	22.2	21.9
Pine Bluff	do	25	17.1	18.2	18.3	18.1	17.7	16.8	16.0	15.5	14.4	13.0	11.7	10.7	10.1	9.6	10 6	15.9	19.7	21.7	22.3	21.9	21.2	19.8	18.4	16.9	18.8	22.4	24.5	25.4	25.6	25.3	25.3
Black Rock	Black	14	10.5	10.0	9.7	9.7	13.4	14.4	14.8	15.0	15.0	14.8	14.8	15.0	15.0	15.0	21.5	24 3	23.8	23.0	22.0	22.1	22.5	22.7	22.5	22.8	22 8	22.4	22.0	21.4	20.4	19 6	18.9
Calico Rock	White	18	7.8	9.3	8.7	7.0	6.7	5.9	5.3	4.4	4.5	4.2	3.4	3.2	3.1	3.3	10.8	16.2	18.0	15.7	14.4	10 7	8 2	6.9	6.4	6.4	12.9	17.8	17.3	14.4	11.5	9.7	8.9
Batesville	do	23	15.4	14.7	16.3	14.6	13.9	13.1	12.1	11.4	10.7	10.4	9 8	9.3	9.2	9.3	25.6	23.4	24.4	24.3	22.8	20 4	16 6	14.3	13.5	15.0	16.9	27.0	27.0	24.3	20.9	18.3	16.4
Newport	do	26	15.4	16.1	16.3	16.5	16.8	16.5	15.9	14.7	14.5	14.2	13.7	13.0	12.4	11.9	18.6	21.0	26.2	28 1	28.7	28.5	27.8	26.9	25.8	24.4	24.4	26.0	28.2	29.0	28.8	28.0	26.7
Georgetown	do	22	19.0	19.2	19.3	19.4	19.5	19.6	19.7	19.6	19.5	19.3	19.0	18.7	18.4	18.0	19.1	20.6	21.8	22.8	23.6	24.0	24.5	24.8	25.0	24.8	24.7	24.6	24.8	25.0	25.4	25.7	25.9
Clarendon	do	30	25.3	25.7	26.0	26.1	26.1	26.0	25.9	25.7	25.6	25.5	25.4	25.3	25.1	25.0	25.4	25.5	25.7	26.0	26 6	27.3	27.9	28 4	28.8	29.2	29.4	29.6	29.7	29.8	29.9	30.0	30.1
Helena	Mississippi	42	32.8	31.4	29.8	28.3	27.2	26.3	25.6	25.1	25.1	25.0	25.0	24.9	24.7	24.1	23.8	23.7	23.8	21.7	26.7	28.6	30.0	31.2	32.0	32.8	33.4	33.8	33.9	34.0	33.8	33.3	32.8
Arkansas City	do	42	40.3	40.1	39.6	39.0	38.2	37.5	36.7	36 0	35.3	34.6	34.0	33.6	33.2	32.6	32.4	31.9	31.9	32.6	33.7	35.2	36.3	37.3	38.0	38.8	39.3	39.9	40.5	41.1	41.6	42.2	42.6
Camden	Ouachita	49	23.0	23.7	22.3	19.2	18.6	16.7	14.2	13.4	13.2	12.7	12.0	10.8	9.4	9.1	13.2	23.6	29.6	38.3	39.3	37.9	35.8	33.6	31.8	28.9	27.0	27.0	27.9	28.6	28.6	27.0	23.9
Danville	Petit Jean	20	21.2	19.0	17.5	18.3	16.9	13.8	10.2	9.6	7.4	6.3	5.1	5.0	5.6	6.9	20.7	24.9	23.8	22.2	20.4	17.1	13.4	9.4	18.3	21.8	23.0	23.1	22.6	21.4	20.2	19.3	18.3
Fulton	Red	28	19.8	19.7	19.7	24.0	19.7	19.6	19.3	18.6	17.9	16.9	15.5	14.0	12.2	11.1	13.6	21.1	23.7	21.5	25.1	25.7	24.8	23.6	22.5	21.3	21.4	22.8	23.6	24.0	24.3	24.4	24.5
Arkadelphia	Ouachita	18	6.3	4.7	4.3	3.9	3.7	3.4	3.0	2.9	2.5	2.3	2.1	1.8	1.8	2.0	22.5	21.2	17.8	9.0	5.7	4.6	4.3	3.7	3.4	5.3	9 0	9 0	8.4	5.8	4.4	3.8	3.6
Patterson	Cache	9	7.7	7.6	7.5	7.5	7.5	7.3	7.3	7.4	7.5	7.5	7.4	7.4	7.7	7.9	9.0	9.8	10.6	10.0	9.7	9.5	9.7	10.0	10.2	10.4	10.5	10.7	10.7	10.7	10.6	10.5	10.3

Daily Temperatures for May, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	78	64	71	62	77	81	77	67	64	77	81	71	72	67	73	68	73	84	84	85	78	70	77	77	76	80	81	84	81	88	89	76.0
	Minimum	55	59	59	59	52	45	47	51	31	36	44	63	43	52	58	53	44	50	58	59	54	55	58	62	64	64	62	60	66	63	63	54.6
Bentonville	Maximum	78	69	69	69	75	79	67	58	65	78	82	63	69	63	67	63	66	82	80	78	77	72	77	76	72	79	79	83	80	82	88	73.5
	Minimum	57	55	53	55	49	50	52	41	35	43	60	50	44	54	48	46	44	55	60	59	54	60	58	58	59	58	58	62	61	61	64	53.6
Bee Branch	Maximum	84	70	70	69	76	82	82	72	68	83	84	84	73	71	....	....	....	85	85	....	....	70	83	80	79	81	85	87	85	92	91	79.7
	Minimum	48	54	55	53	51	48	47	53	31	35	59	57	43	51	....	....	....	56	58	....	....	54	60	57	59	60	57	57	60	58	60	53.1
Booneville	Maximum	75	68	69	67	71	77	75	62	60	76	83	82	66	65	62	65	70	79	76	87	87	73	76	68	66	79	76	80	79	85	86	73.9
	Minimum	57	54	57	59	56	55	58	48	39	45	67	57	46	53	49	47	51	62	66	63	62	59	62	60	58	61	59	62	61	64	66	56.8
Brinkley	Maximum	80	69	67	63	72	80	83	76	68	79	84	81	74	70	76	71	78	84	85	91	83	81	81	80	81	77	84	89	84	90	92	79.1
	Minimum	60	59	59	59	54	52	52	59	39	41	62	65	47	61	63	54	49	63	61	64	59	59	65	62	65	63	61	62	67	64	63	58.5
Calico Rock§§	Maximum	79	66	70	64	72	82	76	62	65	83	82	67	75	75	73	69	72	84	85	85	79	71	78	76	76	71	79	86	86	90	91	76.4
	Minimum	51	59	59	58	50	45	49	50	34	37	38	58	45	48	55	53	45	47	58	59	54	55	59	63	63	63	63	61	62	63	64	53.8
Camden§§	Maximum	72	66	74	67	77	81	81	79	70	80	86	81	74	79	75	74	79	76	83	90	84	86	88	84	78	82	82	87	88	91	91	80.2
	Minimum	56	58	56	57	52	52	52	54	38	43	47	64	51	54	62	50	52	57	59	62	65	65	67	63	62	61	61	60	63	67	66	57.3
Center Point	Maximum	75	67	75	72	79	78	74	74	69	78	85	78	72	69	70	71	75	79	82	88	82	79	84	78	69	81	83	84	85	89	89	77.8
	Minimum	60	56	54	64	55	56	56	55	37	55	61	58	52	59	59	49	53	61	63	63	66	63	69	62	60	57	60	64	63	69	66	55.9
Conway	Maximum	77	66	71	65	76	79	78	72	67	81	82	81	71	68	75	70	74	84	85	89	87	76	85	76	75	78	81	85	82	87	89	77.8
	Minimum	61	58	60	58	54	50	52	57	40	42	64	61	47	59	63	52	47	60	60	63	61	60	65	67	65	64	61	63	65	63	64	55.3
Corning	Maximum	79	74	63	61	75	80	81	66	65	78	81	77	70	66	72	65	68	72	84	84	86	76	74	75	76	73	76	82	82	82	85	75.8
	Minimum	54	58	55	56	49	47	48	51	37	37	60	58	42	52	61	53	43	56	58	61	52	55	58	58	57	61	62	61	60	62	61	54.4
Dardanelle	Maximum	78	74	75	70	78	79	73	70	70	84	86	83	69	69	74	75	71	82	83	90	80	76	78	78	74	83	84	83	83	85	88	78.1
	Minimum	64	58	58	58	59	53	56	57	41	42	67	64	49	55	63	53	49	62	64	63	63	60	64	61	63	64	62	64	64	64	64	59.0
Dodd City	Maximum	78	75	66	66	76	78	74	61	63	82	82	80	71	67	76	62	65	78	76	77	77	70	77	74	73	78	80	84	81	86	90	77.7
	Minimum	52	56	56	53	49	42	50	47	30	37	62	54	39	52	54	47	40	52	54	56	52	51	60	57	59	58	56	55	61	56	57	57.7
Dumas	Maximum	72	68	72	68	72	77	80	75	60	78	84	79	72	75	76	70	78	80	82	87	82	86	89	78	80	78	80	84	85	92	92	78.6
	Minimum	58	58	62	59	55	53	54	59	40	42	60	63	53	58	62	63	58	52	60	60	63	65	69	67	64	63	62	62	63	67	67	61.2
Dutton	Maximum	76	66	67	70	78	83	66	61	64	76	81	75	69	61	67	65	67	79	75	83	78	67	75	69	70	79	83	81	80	83	8	75
	Minimum	60	52	55	54	50	42	47	43	27	33	62	52	38	51	51	46	38	52	59	51	57	56	57	56	58	51	51	53	55	53	56	50.8
El Dorado	Maximum	71	69	74	66	77	81	83	80	72	81	87	80	74	78	78	75	81	74	85	92	87	83	90	83	79	83	84	88	90	93	95	81.3
	Minimum	61	56	56	57	53	51	56	55	40	46	61	61	54	62	65	51	64	63	62	63	68	63	69	61	61	60	61	62	62	71	68	59.5
England	Maximum	74	68	71	65	73	79	83	74	65	82	85	81	73	72	76	71	73	76	71	76	77	76	83	83	89	....	....	....	....	....	91	77.9
	Minimum	60	58	60	58	53	57	53	56	39	41	62	63	48	60	62	51	48	61	60	62	....	61	65	63	63	62	62	....	....	....	63	57.4
Eureka Springs	Maximum	81	73	71	71	79	81	74	64	65	80	81	78	71	63	69	65	65	82	83	79	81	76	72	79	72	74	80	82	85	83	86	75.9
	Minimum	62	55	55	55	55	48	55	44	32	47	63	51	42	51	52	47	43	51	60	61	54	56	60	57	56	57	55	59	59	60	59	55.6
Evening Shade	Maximum	78	73	69	63	78	....	81	66	65	80	83	79	....	....	....	....	75	84	85	....	86	73	78	....	....	81	....	85	85	89	....	77.9
	Minimum	53	57	57	53	50	....	44	51	34	34	61	58	....	....	....	....	....	52	54	59	....	....	....	....	....	60	....	60	65	62	....	53.2
Fayetteville	Maximum	82	77	72	72	75	77	78	65	66	79	81	81	73	70	65	62	68	68	84	83	80	73	78	77	72	81	84	82	80	83	86	76.1
	Minimum	64	53	53	54	48	46	52	48	33	41	62	50	43	54	55	45	44	45	53	59	56	58	58	57	58	57	56	59	59	59	60	52.9
Fort Smith	Maximum	78	69	72	72	80	80	68	65	65	82	86	72	70	62	65	67	72	84	80	87	80	71	78	71	73	82	85	84	84	85	89	76.1
	Minimum	56	56	57	60	59	57	60	47	40	46	66	53	51	53	54	50	51	61	65	64	62	59	59	61	60	61	63	62	63	67	65	57.6
Grannis	Maximum	74	68	72	72	77	77	71	71	69	77	83	76	70	66	65	68	72	80	79	88	81	75	82	79	68	81	83	83	84	88	87	76.3
	Minimum	57	52	53	56	54	52	53	53	35	40	61	58	48	56	56	47	50	58	61	61	64	53	65	57	57	55	56	61	60	57	62	55.5
Gravette	Maximum	74	73	69	68	71	76	76	76	62	74	81	81	70	69	63	62	66	80	81	75	78	78	77	78	72	76	76	76	71	71	86	73.7
	Minimum	63	54	47	45	44	44	48	40	27	38	65	51	42	51	51	45	40	54	61	57	53	59	60	52	57	56	55	61	59	58	59	51.6
Hope	Maximum	76	70	75	66	78	82	82	80	74	83	87	84	75	80	82	75	81	85	84	85	93	89	90	79	74	87	84	90	91	92	97	82.2
	Minimum	61	58	55	44	54	54	55	54	41	46	65	60	51	61	62	50	50	53	59	60	67	65	65	63	63	58	59	63	61	70	68	58.0
Hot Springs	Maximum	79	72	68	69	78	82	77	73	67	80	83	81	....	....	71	70	76	82	83	88	83	80	84	78	74	80	82	86	84	89	91	78.7
	Minimum	57	57	55	57	51	50	52	56	35	42	62	62	49	....	58	51	47	60	60	61	61	61	65	61	63	61	59	61	60	62	61	56.6
Huttig	Maximum	75	74	74	72	74	81	83	81	80	84	88	89	78	82	80	78	80	80	86	92	90	91	90	91	82	81	83	92	92	96	91	83.6
	Minimum	47	57	58	58	54	52	54	59	42	65	61	60	59	64	63	51	55	62	66	62	70	61	69	62	62	61	63	67	67	70	68	61.1
Jonesboro	Maximum	80	73	65	63	71	76	81	70	60	80	83	78	70	67	73	68	73	85	82	87	79	71	76	77	73	77	80	83	86	87	92	76.2
	Minimum	56	59	58	58	53	58	50	55	40	55	62	62	46	56	62	54	48	59	62	64	66	58	61	62	63	65	63	63	63	64	63	57.6
Junction	Maximum	77	70	81	76	80	77	83	81	72	82	89	83	71	83	77	78	81	84	88	89	87	78	80	82	83	86	87	92	93	95	97	83.1
	Minimum	60	58	62	54	52	55	54	50	39	40	62	63	55	65	64	52	56	61	62	66	69	67	64	62	64	63	61	59	61	67	70	59.1
Little Rock	Maximum	74	64	68	63	74	80	79	71	65	78	83	76	70	71	72	68	75	82	83	87	79	78	79	73	72	77	82	86	83	88	89	76.4
	Minimum	62	57	59	53	56	55	59	50	43	45	64	55	52	58	57	50	54	64	62	65	62	60	62	62	63	63	62	67	65	63	64	58.5
Lutherville	Maximum	76	68	68	69	77	79	69	65	66	79	83	79	69	61	68	67	68	83	78	87	71	78	78	70	70	79	80	82	81	85	88	77.1
	Minimum	59	55	57	58	57	54	57	51	39	43	62	40	47	53	56	52	47	59	59	62	57	60	62	59	60	60	59	62	61	63	64	55.9
Magnolia	Maximum	78	70	72	75	77	80	81	80	81	85	87	83	75	80	80	75	79	78	81	90	85	83	87	83	82	....	87	87	91	91	91	81.7
	Minimum	60	55	56	54	53	53	55	40	45	58	62	65	53	65	65	56	58	65	61	61	62	66	67	61	59	60	....	61	65	70	68	57.5
Malvern	Maximum	79	74	71	68	79	84	81	77	76	81	85	83	74	76	76	75	78	82	85	93	85	83	90	79	79	84	82	88	91	95	96	81.5
	Minimum	61	58	56	57	54	51	51	52	36	41	62	63	50	57	62	56	47	62	63	63	65	62	65	62	62	61	61	63	63	65	67	57.4
Mammoth Spring	Maximum	80	76	68	66	79	82	78	65	66	82	81	79	73	69	74	79	72	85	85	87	84	74	78	70	78	81	83	87	89	90	91	79.1
	Minimum	57	62	62	59	53	48	53	53	43	41	63	62	46	56	63	56	56	60	64	61	65	58	63	63	65	65	67	62	66	65	67	61.9
Marked Tree §§	Maximum	64	65	64	71	78	82	73	64	78	83	73	71	75	73	71	74	84	84	86	77	72	74	73	72	72	79	80	84	87	89	82	77.9
	Minimum	60	60	60	55	53	52	57	43	41	50	63	51	53	60	56	51	56	63	66	61	62	63	65	65	64	66	66	68	68	69	69	59.2
Marshall	Maximum	75	70	68	69	75	78	75	69	64	79	81	77	70	68	72	68	72	83	79	85	83	78	77	77	71	78	77	82	83	86	87	76.3
	Minimum	62	58	57	54	51	49	58	50	37	43	63	57	45	52	56	50	46	60	63	60	57	57	62	60	62	62	60	60	63	63	65	56.2
Mena	Maximum	76	67	68	70	74	81	73	68	68	81	82	76	71	67	64	69	76	85	78	87	81	75	83	71	70	78	83	87	88	90	93	77.5
	Minimum	60	55	53	54	55	50	53	51	37	42	62	58	50	55	56	50	55	60	67	62	67	60	69	58	58	58	58	60	58	64	62	57.7
Morrillton	Maximum	73	67	69	67	76	80	75	70	62	78	....	82	71	69	71	68	72	83	87	88	82	77	78	77	74	80	81	85	82	86	87	76.2
	Minimum	60	57	59	58	56	53	55	57	42	44	....	57	47	55	60	53	49	62	60	63	61	59	61	63	61	63	64	64	65	65	67	57.9
Mt. Home	Maximum	77	67	68	63	75	81	70	59	61	82	81	79	70	63	73	69	67	81	81	83	75	67	76	74	74	81	80	86	83	89	90	75.2
	Minimum	56	55	55	52	50	43	48	47	34	34	55	49	39	39	51	38	40	54	56	56	51	55	57	57	57	57	57	62	58	57	57	51.4
Mount Ida	Maximum	78	71	70	69	74	81	78	74	69	81	86	79	78	69	71	73	73	84	85	90	82	78	82	77	74	82	85	87	83	90	89	78.8
	Minimum	59	54	51	51	47	49	48	48	32	35	61	61	41	56	58	51	44	58	60	56	55	62	63	61	60	60	60	60	60	60	59	53.8
Nail	Maximum	70	68	59	60	75	73	69	57	59	69	78	72	68	58	69	78	77	78	74	79	76	68	73	66	65	69	75	79	79	82	82	71.1
	Minimum	52	51	52	50	55	53	48	42	33	40	45	51	45	49	49	44	45	50	58	61	52	57	59	56	57	57	58	60	59	58	60	51.7
Newport	Maximum	80	72	66	63	76	82	81	70	69	81	84	81	73	71	75	71	76	86	85	90	81	75	78	78	75	80	81	89	87	93	93	79.0
	Minimum	59	61	59	58	53	53	53	59	41	42	64	63	49	53	63	54	50	61	66	64	59	66	68	62	61	65	66	65	70	65	69	59.1
Osceola	Maximum	82	76	69	70	79	78	83	74	65	79	86	81	73	73	78	70	75	84	81	96	81	75	95	75	75	76	83	85	85	88	88	79.0
	Minimum	57	59	58	58	53	52	49	48	40	39	62	56	48	48	63	55	50	59	61	63	56	56	62	63	60	64	63	64	61	79	78	57.6
Ozark	Maximum	....	....	75	74	79	81	68	68	70	76	88	86	84	66	70	71	71	74	81	88	80	76	81	78	72	83	80	79	80	84	86	77.4
	Minimum	....	....	56	56	58	49	55	52	35	40	42	44	49	55	59	53	46	49	54	66	57	60	65	60	61	59	61	65	64	64	61	55.0
Pine Bluff	Maximum	72	69	73	62	76	84	83	79	69	82	86	78	73	76	78	74	79	83	85	92	84	86	85	79	79	80	83	88	88	92	92	80.4
	Minimum	60	58	61	59	55	54	53	53	41	41	62	63	50	59	63	51	52	63	60	62	64	66	77	62	63	62	61	63	66	67	64	59.2
Pocahontas	Maximum	78	76	65	62	78	79	77	68	67	76	80	79	73	70	73	73	71	83	83	86	84	74	78	79	78	84	83	86	87	89	91	77.7
	Minimum	55	60	58	57	53	54	52	52	40	38	60	60	46	53	62	54	45	57	69	64	54	57	59	66	60	60	63	63	66	64	65	56.8
Portland	Maximum	75	73	74	68	75	78	85	80	73	80	87	84	75	78	88	75	77	74	83	90	84	85	86	85	79	81	84	90	90	92	93	81.3
	Minimum	59	59	61	58	55	55	55	60	43	43	57	67	57	63	63	54	55	62	63	64	67	65	68	64	62	63	64	67	67	69	67	60.4
Prescott	Maximum	77	69	73	72	77	80	80	78	70	80	85	82	73	77	77	73	79	78	84	90	84	83	89	86	75	82	82	87	88	92	92	80.5
	Minimum	60	58	55	60	55	54	55	54	42	45	63	66	51	59	61	50	52	63	60	62	64	66	68	62	64	60	61	62	63	69	65	59.1
Rison	Maximum	72	67	68	66	76	81	81	77	68	80	85	82	74	71	77	72	78	80	82	81	84	89	88	75	74	77	81	89	85	93	90	78.8
	Minimum	59	56	59	57	58	53	53	57	39	42	61	63	51	59	63	50	52	62	59	62	64	64	66	61	62	60	62	62	62	67	63	58.3
Rogers	Maximum	78	72	72	70	78	80	74	64	63	76	82	79	70	66	69	65	67	83	78	79	78	72	78	73	73	78	80	83	81	83	87	75.1
	Minimum	65	54	53	55	53	45	50	47	30	37	64	52	43	53	52	47	41	52	60	56	52	58	61	58	59	59	56	56	60	57	60	53.1
Snow Lake§§	Maximum	66	65	72	77	80	80	75	77	80	82	80	79	78	77	71	77	84	86	85	87	84	81	84	84	78	80	84	85	85	87	89	80.1
	Minimum	56	57	57	61	59	55	60	44	45	43	62	58	57	55	54	52	57	59	62	62	65	63	66	62	63	61	61	66	64	67	65	59.9
Stuttgart	Maximum	70	67	67	63	72	77	82	75	65	77	82	78	72	74	77	72	74	80	82	88	80	82	82	77	76	78	82	87	83	88	87	77.3
	Minimum	61	58	61	58	55	52	56	56	39	43	60	60	59	61	63	52	52	62	61	61	63	65	63	63	65	63	63	61	67	72	64	59.4
Subiaco	Maximum	80	73	72	71	79	82	74	70	68	84	87	82	71	68	71	70	75	86	81	90	80	79	80	76	75	82	86	87	87	83	91	79.1
	Minimum	62	56	59	57	56	53	55	54	34	42	67	52	46	46	57	52	48	69	63	61	61	59	63	60	61	62	61	63	62	64	65	56.8
Texarkana	Maximum	79	72	78	75	81	84	78	82	74	82	87	85	78	79	80	75	80	80	88	95	92	85	87	83	70	82	87	87	89	92	94	81.6
	Minimum	63	58	54	59	55	57	55	53	40	45	63	68	53	63	63	51	53	64	64	64	72	68	66	64	60	58	62	65	64	65	65	58.8
Warren	Maximum	75	74	73	69	79	85	84	82	74	82	87	80	74	75	78	76	80	76	83	94	86	89	89	82	81	85	87	81	92	95	94	83.2
	Minimum	59	58	61	59	53	54	44	59	40	44	63	64	51	61	63	55	52	62	67	65	66	65	68	64	63	63	62	62	64	68	65	59.2
Wynne	Maximum	79	68	66	65	68	78	83	63	65	76	82	76	71	69	76	71	75	82	83	89	70	75	77	78	75	78	82	85	85	90	91	78.8
	Minimum	60	60	60	60	55	51	51	58	40	41	60	63	47	60	62	54	49	62	61	63	58	60	61	63	64	65	64	62	68	65	65	58.5

§§ Instruments are read in the morning: the maximum temperature then read is credited to the preceding day on which it almost always occurs.

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., JUNE, 1923. No. 6.

GENERAL SUMMARY.

There were no outstanding features characterizing the weather in Arkansas during June. As is usually the case, the precipitation was not evenly distributed, amounts varying from 1.50 inches to over 12.00 inches. The temperature averaged only 0.1° below normal and the number of clear, partly cloudy, cloudy, and rainy days was normal. There were no marked temperature departures until the close of the month when temperatures 10° to 15° below the seasonal average were recorded throughout the State. The showery weather of May continued past the middle of June in most of the cotton growing section of the State and cotton fields were not cleaned until the last of the month. Cotton made good progress and was in good condition at the close of the month, the boll weevil infestation being much less than last year. Conditions were favorable for corn and all minor crops except in the floooded lowlands. Most of the streams of the State were near flood stage at the close of May and in several instances had hardly reached a normal stage when heavy rains the 9th, 10th, and 11th brought another rise, the Arkansas, White, Black, Cache, and St. Francis going over flood stage throughout most of their courses. Lowlands were flooded, the land along the lower reaches of the White and Arkansas remaining under water for a number of days. In these areas the loss to prospective crops will be large. Losses of over $746,000 were reported along the Arkansas. The losses along the White, Black, and Cache were comparatively small as those streams were higher in May than in June. A tornado occurred at Jonesboro June 27th which did damage estimated at $7,000. A straight blow at Hoxie and Walnut Ridge on June 6th did damage to property estimated at $1,500.

W. C. H.

TEMPERATURE.

The mean temperature for the State, as determined from the records of 55 stations, was 76.7° which is 0.1° below normal, positive and negative departures occurring in all sections. The highest monthly mean was 79.8° at Osceola and Huttig; the lowest 71.4° at Nail. The highest temperature recorded during the month was 99° at a number of stations on the 26th and 27th. The lowest was 46° at Dutton on the 29th.

PRECIPITATION.

The average precipitation, for the 75 stations reporting during the month of June, was 5.20 inches which is 1.12 inches above normal. Positive and negative departures occurred in all sections. Monthly totals ranged from 12.14 inches at Marshall to 1.50 at Princeton. The greatest amount measured in 24 consecutive hours was 6.00 inches at Wynne on the 10th. The average number of rainy days was 9.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement in miles.	Maximum velocity.	Direction.	Date	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	29.[illegible]	30.18	6	29.46	27	3,185	26	nw.	27	.....	.....	51
Fort Smith..	[illegible]	30.12	29	29.57	27	5,069	44	w.	1	85	63	63
Little Rock..	29.9[illegible]	30.11	8	29.61	27	5,245	41	nw.	28	85	65	74
Memphis....	29.[illegible]	30.17	8	[illegible].58	28	5,101	42	nw.	27	80	68	70

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 1st, 13; 2d, 8; 3d, 10; 4th, 12; 5th, 10; 6th, 20; 7th, 16; 8th, 6; 9th, 11; 10th, 11; 11th, 12; 12th, 1; 13th, 1; 14th, 11; 15th, 20; 16th, 17; 17th, 17; 18th, 6; 19th, 5; 20th, 5; 22d, 2; 23d, 11; 24th, 5; 26th, 1; 27th, 8; 28th, 13; 29th, 1; 30th, 1.

Solar Halos:– 16th, 1; 27th, 1.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Rainy (.01 or more).
*Means and Extremes.	76.8		110	37	4.08		13	11	6	8
1891.....	77.9	+1.1	103	55	3.71	−0.37	11	11	8	17
1892.....	76.9	+0.1	106	44	3.87	−0.21	16	10	4	8
1893.....	76.3	−0.5	99	49	5.20	+1.12	12	12	6	9
1894.....	76.6	−0.2	106	42	1.39	−2.69	17	10	3	4
1895.....	76.9	+0.1	100	47	5.94	+1.86	12	10	8	10
1896.....	77.7	+0.9	103	48	1.91	−2.17	14	10	6	5
1897.....	78.0	+1.2	106	41	3.46	−0.62	12	13	5	6
1898.....	78.7	+1.9	100	60	4.86	+0.78	8	14	8	11
1899.....	77.3	+0.5	102	50	2.74	−1.34	13	12	5	6
1900.....	76.6	−0.2	100	48	7.10	+3.02	7	14	9	13
1901.....	79.4	+2.6	110	41	1.44	−2.64	16	12	2	4
1902.....	77.5	+0.7	105	42	5.27	+1.19	16	9	5	6
1903.....	76.5	−0.3	99	37	2.53	−1.55	13	10	7	7
1904.....	75.3	−1.5	99	50	7.14	+3.06	11	13	6	10
1905.....	77.9	+1.1	104	44	5.90	+1.82	12	10	8	10
1906.....	76.2	−0.6	101	44	4.60	+0.52	14	10	6	8
1907.....	75.2	−1.6	103	39	4.48	+0.40	14	11	5	8
1908.....	76.0	−0.8	98	46	3.85	−0.23	13	11	6	8
1909.....	76.9	+0.1	104	49	4.08	0.00	12	12	6	10
1910.....	74.1	−2.7	99	44	4.85	+0.77	12	13	5	10
1911.....	80.9	+4.1	106	47	2.53	−1.55	16	11	3	6
1912.....	73.1	−3.7	97	42	5.83	+1.75	11	12	7	9
1913.....	77.0	+0.2	103	39	1.68	−2.40	16	11	3	4
1914.....	82.3	+5.5	109	52	1.00	−3.08	19	10	1	2
1915.....	76.0	−0.8	106	45	4.92	+0.84	12	9	9	9
1916.....	75.4	−1.4	99	43	5.15	+1.07	12	10	8	8
1917.....	75.2	−1.6	105	37	4.87	+0.79	18	7	5	6
1918.....	80.5	+3.7	110	49	3.55	−0.53	15	9	6	7
1919.....	76.9	+0.1	101	45	5.11	+1.03	11	10	9	10
1920.....	74.7	−2.1	101	42	3.41	−0.67	19	6	5	6
1921.....	78.5	+1.7	103	56	4.84	+0.76	12	10	8	11
1922.....	78.6	+1.8	104	44	2.64	−1.44	16	8	6	7
1923.....	76.7	−0.1	99	46	5.20	+1.12	13	11	6	9

*Based on 50 years record.

Climatological Data for June, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Arkadelphia	Clark	250	27	.....	.....	.....	.....	.....	.....	.....	2.60	−2.91	0.75	0	5	7	0	23	s.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	3.04	−1.33	0.76	0	13	15	4	11	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	4.90	.....	1.65	0	9	12	14	4	ne.	J. D. Reeves.
Batesville	Independence	277	24	75.8	− 0.1	95	22	53	30	26	3.52	−0.72	0.98	0	12	10	9	11	e.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	31	76.0	− 0.3	98	26	50	30	32	7.25	+3.58	2.50	0	9	4	19	7	s.	J. E. Scanlan.
Bentonville	Benton	1303	17	73.9	− 0.2	92	27	51	29	29	6.40	+1.84	2.18	0	13	9	13	8	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	6.32	+3.24	2.46	0	11	14	2	14	.....	Vernon C. Howe.
Booneville	Logan	600	9	76.6	.....	99	26	59	29	27	4.25	.....	1.65	0	11	19	5	6	s.	Supt. Tuberculosis San
Brinkley	Monroe	205	41	78.2	+ 0.7	95	21	52	30	28	6.43	+3.05	1.54	0	11	10	13	7	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	76.2[a]	.....	98[a]	26	54	29	28[b]	6.07	+2.30	1.95	0	12	8	19	3	sw.	W. J. Copp.
Camden	Ouachita	158	37	77.7	− 0.4	94	26	53	30	27	2.41	−2.40	1.01	0	6	17	9	4	se.	A. B. Quarterman.
Centerpoint	Howard	470	24	77.0	− 1.8	93	27	59	13†	22	3.05	−1.43	0.87	0	9	11	15	4	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	6.36	+3.14	1.45	0	12	12	12	6	s.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	6.01	.....	1.04	0	9	10	15	5	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	39	77.4	+ 0.3	96	26	56	30	25	3.56	−0.29	1.17	0	11	12	18	0	s.	E. E. Cordrey.
Corning	Clay	293	23	75.7	+ 0.4	96	27†	51	29†	28	4.82	+0.65	1.75	0	9	19	5	6	s.	Rev. N. E. Skinner.
Dam No. 1, ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. S. Cooper.
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	5.12	.....	2.52	0	8	16	0	14	s.	C. P. Evans.
Dardanelle	Yell	330	37	78.4	+ 1.3	99	27	62	14	28	5.10	+1.48	1.85	0	10	16	0	14	s.	J. D. Riley.
Dodd City	Marion	1175	41	73.2	− 2.4	93	26	48	29	30	5.85	+1.57	2.72	0	11	9	18	3	s.	Neal Dodd.
Dumas	Desha	162	16	77.4	− 0.6	95	27	53	30	26	4.81	+0.95	1.25	0	12	3	25	2	s.	Ben Johnson.
Dutton	Madison	1590	21	72.0	+ 0.6	92	24	46	29	29	5.55	+0.06	1.79	0	11	10	17	3	s.	J. M. Ricketts.
El Dorado	Union	270	17	79.2	+ 0.3	96	26	58	30	25	5.17	+0.77	1.05	0	10	2	22	6	se.	J. J. Babb.
England	Lonoke	229	16	78.5[a]	+ 0.7	96[a]	27	55[a]	30	28[a]	5.61	+2.09	2.97	0	7	9[a]	13[a]	7[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	74.6	+ 0.9	92	23	49	29	29	4.38	−1.96	1.25	0	8	12	13	5	sw.	Geo. W. Nicholds.
Evening Shade	Sharp	.....	21	75.2[b]	.....	98[b]	26	51[b]	30	31[b]	6.40	.....	1.81	0	8	6[b]	14[b]	8[b]	.....	C. C. Price.
Fayetteville	Washington	1451	37	74.8[a]	+ 0.7	91[a]	23†	51[a]	29	28[a]	2.30	−2.22	0.70	0	9	14	9	7	ne.	University of Arkansas
Fort Smith	Sebastian	481	41	77.9	+ 1.1	97	26	59	29	25	3.72	−0.28	1.96	0	10	8	14	8	e.	U. S. Weather Bureau
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	4.06	+0.53	1.08	0	6	12	9	9	.....	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	10.85	.....	4.15	0	11	20[a]	3[a]	6[a]	s.	Arthur Lentz.
Grannis	Polk	900	5	74.6	.....	93	26	54	30	27	3.31	.....	2.00	0	8	25	4	1	e.	W. E. Mc Vay.
Gravette	Benton	1250	25	73.4	0.0	90	23	48	29	27	5.60	+0.15	1.45	0	10	15	4	11	sw.	A. F. Stevens.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	6.76	.....	1.53	0	12	10	16	4	sw.	E. C. Spanhurst.
Helena	Phillips	182	55	.....	.....	.....	.....	.....	.....	.....	3.49	−0.48	0.68	0	14	17	0	13	.....	James A. Burnett.
Higden	Cleburne	445	2	.....	.....	.....	.....	.....	.....	.....	5.90	.....	1.85	0	10	9	21	0	sw.	J. A. Ingram.
Hope	Hempstead	377	51	79.1[a]	+ 1.5	98[a]	26	58[a]	30	28[a]	3.90	−0.50	1.25	0	9	12[a]	9[a]	8[a]	se.	N. P. O'Neal.
Hot Springs	Garland	600	30	77.0	− 0.1	95	27	55	30	27	2.41	−2.33	0.85	0	7	11	13	6	.....	P. P. Patraw.
Huttig	Union	175	16	79.8	+ 0.7	96	16†	56	30	30	3.60	−0.56	1.05	0	9	14	11	5	nw.	J. L. Collett.
Jonesboro	Craighead	345	28	77.1	− 0.2	96	26†	52	30	26	6.61	−2.93	3.82	0	10	16	12	2	e.	Benedictine Sisters.
Junction ‡‡	Union	182	30	78.2	− 0.4	96	7†	55	30	28	9.80	+5.87	3.20	0	8	16	7	7	se.	J. A. Louderback.
Lincoln	Washington	1500	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. E. Nabers.
Little Rock	Pulaski	286	44	77.5	+ 0.1	93	22	60	30	23	1.89	−2.29	0.57	0	11	9	13	8	s.	U. S. Weather Bureau
Lutherville, ‡‡	Johnson	775	26	75.4	+ 0.2	93	26†	54	29	22	3.36	−1.33	1.07	0	11	17	8	5	e.	H. Kaufield.
Magnolia	Columbia	315	5	79.1[c]	.....	95[c]	1	57[c]	3	36[c]	3.71	.....	1.30	0	8	4[c]	8[c]	15[c]	s.	State Agri. School.
Malvern	Hot Springs	277	40	78.4	+ 1.0	98	26	54	30	28	3.26	−0.78	1.70	0	6	17	8	5	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	512	18	76.3[a]	+ 2.4	97[b]	26	52	29†	28[b]	5.88	+1.42	1.43	0	9	5	24	1	s.	F. Wallick.
Marianna††	Lee	235	14	78.2	− 0.6	96	27	59	30	29	4.46	.....	1.28	0	12	11	16	3	s.	C. N. Houck.
Marked Tree	Poinsett	229	18	77.5	.....	96	21	54	29	27	8.54	+5.42	3.98	0	11	15	12	3	n.	Charles Walton.
Marshall	Searcy	1083	8	76.7	.....	96	27	54	29	25	12.13	.....	4.65	0	10	11	17	2	se.	W. F. Reeves.
Mena	Polk	1185	35	76.5	+ 0.6	96	26	54	30	28	8.53	+3.67	4.42	0	8	21	8	1	se.	E. W. St. John.
Morrillton	Conway	347	3	.....	.....	.....	.....	59	30	.....	6.06	.....	1.51	0	5	25	5	0	s.	W. C. Jackson.
Mountain Home	Baxter	800	9	73.9	.....	96	26	49	29	29	4.21	.....	1.48	0	6	15	4	11	s.	B. S. Halbert.
Mount Ida	Montgomery	730	25	76.0	.....	96	26	51	30	31	5.02	+0.60	1.65	0	9	15	12	3	sw.	G. A. Whittington.
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	2.91	.....	1.72	0	5	15	2	13	....	Henry A. Davis.
Nail	Newton	2233	30	71.4	− 0.2	87	17†	50	29	26	4.38	−0.68	1.00	0	12	5	21	4	s.	Charles Paxton.
Newport	Jackson	231	39	78.8	+ 1.2	99	27	56	30	29	8.47	+4.85	4.20	0	9	8	20	2	s.	Geo. L. Robinson.
Okay	Pope	1700	8	74.4[b]	.....	91[d]	23†	53	30	36[d]	5.92	.....	1.95	0	8	14	13	3	s.	J. A. Mason.
Osceola	Mississippi	240	23	79.8[a]	+ 2.7	98[a]	22†	55[a]	29	27[a]	4.70	+1.23	2.60	0	6	15	7	8	s.	Mrs. J. T. Driver.
Ozark	Franklin	450	26	77.4	− 0.5	97	27	54	1	25	3.85	− 0.54	0.90	0	12	14	5	11	se.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	11.48	.....	5.75	0	7	23	0	7	s.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	6.68	.....	1.26	0	12	7	15	8	se.	W. W. Wood.
Pine Bluff	Jefferson	215	39	78.8	0.0	97	22	54	30	27	4.24	+0.45	1.27	0	13	17	7	6	se.	Miss Theresa Scheu.
Pocahontas	Randolph	300	31	76.6	+ 0.6	96	22	52	30	26	6.91	+3.19	1.89	0	9	4	18	8	s.	Benedicitine Sisters.
Portland	Ashley	122	17	79.0	+ 0.4	95	22†	54	30	28	4.80	+0.91	1.10	0	12	13	10	7	w.	W. E. Edmiston.
Prescott	Nevada	329	41	78.2	− 0.3	97	26	55	50	31	2.70	−0.92	0.74	0	8	19	7	4	s.	O. J. Stephenson.
Princetown	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	1.50	−2.75	1.00	0	3	25	0	5	.....	Foote Coleman.
Rison	Cleveland	243	19	78.1	+ 0.7	95	22†	56	30	25	5.21	+1.13	1.27	0	8	8	16	6	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	73.8	+ 0.6	94	26	50	30	31	6.51	+1.78	1.92	0	9	9	7	14	s.	Carl A. Starck.
Snow Lake	Arkansas	185	2	77.8	.....	95	21	55	29	29	5.47	.....	1.30	0	10	5	24	1	.....	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	3.74	+0.08	0.85	0	10	16	5	9	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	77.6	+ 0.2	94	26†	59	30	30	4.27	+0.20	1.25	0	7	11	17	2	sw.	H. A. Buerkle.
Subiaco	Logan	1050	26	78.0	+ 0.9	99	27	56	29	26	4.55	+0.53	1.69	0	8	19	9	2	s	New Subiaco Abbey.
Texarkana	Miller	332	41	79.3	+ 0.3	97	22	60	30	28	6.18	+2.63	2.32	0	7	12	9	9	s.	H. S. Brashear.
Waldron	Scott	675	5	.. ..	.....	.....	.....	.....	.....	.....	4.52	.....	1.03	0	12	8	12	10	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	79.1	+ 0.6	98	22	55	30	29	2.95	−1.10	0.85	0	7	12	14	4	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	2.85	−0.67	1.10	0	6	21	3	6	sw.	Miss E. M. Schirmer
Wynne	Cross	250	15	77.6	+ 0.2	96	27	53	30	25	10.79	+7.85	6.00	0	11	12	10	8	s.	E. O. Allen.
State Means and Extremes				76.7	− 0.1	99	26†	46	29	36	5.20	+1.12	6.00	0	9	13	11	6	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Dam No. Judsonia, Ark.; Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for June, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Arkadelphia ‖‖	Ouachita	....	.55	.75	....	....	.45	....	....	....	.40	.45	....	....	....	....	....	.03	.10	.60	.33	.02	....	....	.76	T.	.04	T.	....	.10	.04	....	....	2.60
Arkansas City ‖	Mississippi	....	.26	....	.10	....	....	....	....	....	T.	.56	.10	....	....	....	.03	.10	.60	.33	.02	....	....	.76	T.	.04	T.	....	.10	.04	....	....	3.04
Arlberg	White	....	....	.25	....	.20	.30	.30	....	1.00	1.65	....	....	....	....	....	.30	.20	....	....	....	....	....	....	.02	....	....	....	....	.70	....	....	4.90
Batesville ‖‖	White	....	....	....	.07	....	.53	.11	.06	.22	.85	.12	T.	....	....	....	T	.98	.12	....	....	....	....	....	.02	....	....	.04	.40	....	....	....	3.52
Bee Branch	Arkansas	T.	.90	....	....	.20	2.50	....	....	1.40	.75	.20	....	....	T.	....	.35	.35	....	....	....	....	....	T.	....	....	....	....	.60	....	....	....	7.25
Bentonville ***	Arkansas	T.	.42	.06	T.	....	1.30	.88	....	.41	.03	.49	....	....	1.07	.07	.03	.01	....	....	.22	....	....	....	....	....	....	1.41	....	....	T.	....	6.40
Black Rock ‖‖	White	....	....	.10	....	....	.64	1.13	....	....	2.46	.88	.09	....	....	.28	.22	.06	....	....	....	....	....	....	.08	....	....	....	.38	....	....	....	6.32
Booneville	Arkansas	.65	....	.02	....	.65	....	....	....	.21	1.65	.13	....	....	.01	.25	....	.44	....	....	....	....	....	.20	....	....	....	....	.04	....	....	....	4.25
Brinkley ‖	White	....	....	1.54	.04	....	....	1.12	....	....	1.02	.18	.44	..	....	....	T.	.16	.28	....	....	....	....	.60	....	....	....	....	.96	.09	....	....	6.43
Calico Rock ‖	White	....	....	....	.71	....	.02	.43	.02	.02	1.95	.43	.06	....	....	.02	.76	.59	....	....	....	....	....	....	....	....	....	....	1.06	T.	....	....	6.07
Camden ‖‖	Ouachita	....	.30	....	....	....	....	....	....	....	.10	1.01	.80	....	....	....	....	.15	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	2.41
Center Point	Red	.61	..	T.	.17	.15	....	....	....	.48	.87	.14	....	....	....	....	....	....	T.	.32	.28	T.	....	.03	....	....	....	....	....	....	T.	....	3.05
Clarendon ‖‖	White	....	....	1.05	.10	....	.62	.96	....	.44	.20	.40	.55	....	....	....	.44	.10	....	....	....	....	....	....	....	....	....	....	1.45	.05	....	....	6.36
Clinton	White	....	.88	....	....	.15	.70	.09	....	1.04	.80	....	..	....	....	....	.69	.82	....	....	....	....	....	....	....	....	....	....	.84	....	....	....	6.01
Conway	Arkansas	.13	.09	....	....	.28	1.17	....	.21	.60	.22	.12	....	....	....	....	....	.28	....	....	.02	....	....	....	....	....	....	....	.44	....	....	....	3 56
Corning	White	.01	....	....	....	....	.89	.41	....	....	1.75	.25	....	....	....	.35	.13	.33	....	..	....	....	....	....	....	....	....	....	.70	....	....	....	4.82
Dam No. 1 ‖‖	White	1.82	..	.78	1.63	....	.32	.17	3.23	....	....	....	....	....	....	....	1.73	....	....	....	....	....	....	....	....	....	....	....	1.47	....	....	....	....
Danville ‖	Arkansas	.21	....	.22	....	.72	....	....	....	2.52	....	....	....	....	....	....	.90	.15	.25	....	....	....	....	....	....	....	....	.15	....	....	....	....	5.12
Dardanelle	Arkansas	.05	....	.74	.31	.28	.24	....	....	....	1.85	....	.16	....	....	....	.04	.17	....	....	....	....	....	....	....	....	....	....	1.28	....	....	....	5.10
Dodd City	White	....	....	.33	....	.07	1.00	....	....	2.72	....	.10	.02	....	.20	....	....	.10	.31	....	T.	....	....	....	....	....	....	.88	....	....	.12	....	5.85
Dumas	Arkansas	T.	....	.78	.55	T.	....	....	....	....	1.05	.05	.20	.03	....	.07	.53	....	.13	....	....	....	....	1.25	.05	....	....	....	.12	....	....	....	4.81
Dutton	White	.08	....	.11	....	T.	.41	.02	....	.26	1.38	.28	....	....	.19	.16	....	.87	....	....	T.	....	T.	T.	....	....	....	....	1.79	....	....	....	5.55
El Dorado ‖‖	Ouachita	....	.90	....	.13	....	....	....	....	....	1.05	.38	.38	....	....	....	T.	T.	....	.95	.30	....	....	.60	.46	.02	....	....	....	....	....	....	5.17
England	Arkansas	....	....	.14	....	.08	....	....	....	.09	1.59	.39	....	....	....	.35	....	2.97	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.61
Eureka Springs	White	....	....	.10	....	....	.38	1.12	....	.49	.10	.18	....	....	.76	T.	....	....	....	....	....	....	....	T.	....	....	T.	....	1.25	....	....	....	4.38
Evening Shade	White	....	....	....	.45	....	.68	.55	....	....	1.53	....	....	....	....	.20	.46	1.81	....	....	....	....	....	....	....	....	....	....	.72	....	....	....	6.40
Fayetteville	White	....	....	.05	....	....	.70	.10	....	.15	....	.10	....	....	.15	.40	....	....	....	....	....	....	....	....	.14	....	....	....	.51	....	....	....	2.30
Fort Smith ***	Arkansas	.34	T.	T.	.34	.01	.11	.	T.	1.70	.26	.40	....	....	T.	.54	....	....	....	.01	....	....	....	....	....	....	T.	.01	....	T.	....	....	3.72
Fulton ‖‖	Red	1.08	T	T.	....	.28	....	....	....	....	.60	1.08	.32	....	....	....	....	....	....	....	....	T.	....	....	.70	....	....	....	....	....	....	....	4.06
Georgetown ‖	White	....	....	1.20	T.	....	2.40	.30	....	T.	4.15	.20	.20	....	....	....	.20	.40	....	....	.20	....	....	....	.60	....	....	....	1.00	....	....	....	10.85
Grannis	Red	.06	....	.22	....	.32	....	....	....	.53	2.00	.01	....	....	....	....	....	....	....	.10	....	....	....	.07	....	....	....	....	....	....	....	....	3.31
Gravette	Arkansas	....	....	.25	T.	.35	.99	....	1.34	....	.06	....	....	.83	.16	.07	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.60
Heber Springs	White	....	....	.09	....	.12	1.39	....	....	.41	1.27	.04	....	....	.03	.02	.37	.73	.76	....	....	....	....	....	....	....	1.53	....	1.45	....	....	....	6.76
Helena	Mississippi	....	....	....	....	....	.68	.06	....	....	.20	.44	.30	....	....	....	.36	.44	.20	.01	....	....	....	.14	.12	.04	....	....	.46	.04	....	....	3.49
Higden	White	....	....	.01	....	1.20	.04	....	1.85	.02	.06	....	....	....	....	1.12	.65	....	....	....	....	....	....	.05	....	.90	....	....	....	....	....	....	5.90
Hope	Red	.84	....	....	1.25	.19	....	....	....	.08	.12	.83	....	....	....	....	....	....	....	.12	.36	.11	T.	....	....	....	....	....	....	....	....	....	3.90
Hot Springs	Ouachita	.45	.07	T.	T.	.85	....	....	T.	.06	.76	.06	....	....	....	....	T.	T	.16	T.	....	....	....	....	T.	....	....	....	....	....	....	....	2.41
Huttig	Ouachita	.25	.10	.15	.40	....	....	....	....	.05	.70	....	....	....	....	....	....	....	....	....	....	....	....	1.05	.30	....	....	....	.60	....	....	....	3.60
Jonesboro	White	.02	....	.07	....	T.	1.26	.03	....	....	3.82	.07	T.	.02	....	.78	....	.01	....	....	....	....	....	T.	....	....	....	....	.53	....	....	....	6.61
Junction	Ouachita	1.40	....	.67	....	....	....	....	....	.42	3.20	2.77	....	....	....	....	T.	....	....	.65	....	....	.20	.49	T.	....	....	....	.53	....	....	....	9.80
Little Rock ***	Arkansas	.03	T.	....	....	.15	....	.01	.01	.37	.20	.43	....	....	....	T.	.28	.25	....	T.	.02	....	....	....	T.	....	....	....	.05	....	....	....	1.80
Lutherville	Arkansas	....	....	....	.07	.25	.16	....	....	.05	1.07	.10	....	....	.10	.16	....	.40	....	....	....	....	....	.05	....	....	....	....	.95	....	....	....	3.36
Magnolia	Red	.27	....	.20	.10	....	....	....	....	.40	....	.57	....	....	....	....	.30	....	....	....	....	....	....	.57	1.30	....	....	....	....	....	....	....	3.71
Malvern	Ouachita	....	....	.03	....	....	.64	....	.23	....	.24	.42	....	....	....	....	....	1.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.26
Mammoth Spring	White	....	....	.73	....	....	.42	.84	....	....	1.48	.24	....	....	....	.96	....	.52	.10	....	....	....	....	....	....	....	....	....	.59	....	....	....	5.88
Marianna	Mississippi	....	....	....	....	.13	.90	....	....	.04	1.28	.45	.01	....	....	.15	.14	.35	.07	....	....	....	....	.49	....	....	....	....	.45	....	....	....	4.46
Marked Tree ‖‖	Mississippi	....	.13	....	....	....	1.07	.03	.56	....	3.98	.83	.05	T.	....	....	.50	T.	T	.29	....	....	....	.28	....	....	....	....	.82	T.	....	....	8.54
Marshall	White	....	....	.09	.02	....	.28	.38	....	4.65	1.06	....	T.	....	.21	....	.90	3.59	....	....	....	....	....	....	....	....	....	....	.96	....	....	....	12.14
Memphis	Ouachita	1.10	.09	....	....	4.42	.05	....	....	T.	2.48	T.	....	....	....	....	T.	....	....	....	.18	....	....	....	.20	....	....	....	.01	....	....	....	8.53
Morrilton	Arkansas	....	....	....	....	.35	....	....	....	1.51	....	1.74	....	....	....	....	....	1.98	....	....	....	....	....	....	....	....	....	....	.48	....	....	....	6.06
Mountain Home	White	....	....	....	....	....	....	.25	....	.70	1.33	T.	....	....	.05	....	.40	....	....	....	....	....	....	.60	....	....	....	....	1.48	....	....	....	4.21
Mount Ida	Ouachita	1.20	....	.12	....	1.65	....	....	....	.42	.63	.13	....	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	.09	....	....	....	5.02
Murfreesboro	Ouachita	....	.43	....	....	.32	....	.31	....	....	1.72	.13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.91
Nail	White	.15	.50	....	....	....	.25	.30	T.	.38	.80	.30	T.	....	.35	.10	....	....	....	....	.15	....	.10	....	....	....	1.00	....	....	....	....	....	4.38
Newport ‖	White	....	....	.13	.32	..	.72	.09	....	....	4 20	.05	....	....	....	....	....	2.00	.80	....	....	....	....	....	....	....	....	....	.16	....	....	....	8.47
Okay	Arkansas	.40	....	....	....	....	.78	....	....	1.08	1.95	.24	....	....	....	....	.64	.28	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	5.92
Osceola	Mississippi	.35	....	....	....	....	.30	.20	....	....	2.60	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	1.00	....	....	....	4.70
Ozark	Arkansas	T.	..	....	.03	.20	.01	....	T.	.26	.90	.28	....	....	.02	.18	....	.51	....	T.	....	.20	....	.42	....	....	....	....	.84	....	T.	....	3.85
Patterson ‖‖	White	....	....	....	....	2.14	.15	....	....	5.75	....	....	....	....	....	....	....	2.09	.49	....	....	....	....	.06	....	....	....	....	.80	....	....	....	11.48
Pindall	White	....	....	.19	....	.06	.46	.47	....	1.25	.75	.06	....	....	1.26	....	.38	1.14	....	....	....	....	....	....	....	....	....	....	.54	....	.12	....	6.68
Pine Bluff ‖	Arkansas	....	....	.06	1.27	....	.02	....	....	....	.10	.12	.74	....	....	....	.55	.10	.12	....	T.	.06	....	.30	.55	....	....	....	.25	....	....	....	4.24
Pocahontas	White	.10	....	....	.10	....	1.05	1.80	....	....	1.70	.60	....	....	....	1.03	....	....	....	....	....	....	....	....	....	....	.03	.50	....	....	....	....	6.91
Portland ‖	Ouachita	....	.97	....	....	....	.06	....	....	....	.38	.12	.30	....	....	....	.65	....	....	.18	.06	....	....	1.10	.26	....	....	.46	.26	....	....	....	4.80
Prescott	Ouachita	.71	.20	....	....	.25	....	....	....	....	.32	.17	15	....	....	....	.37	....	....	....	T.	....	....	.50	....	T.	....	....	....	....	....	....	....	2.70
Princeton ‖‖	Ouachita	....	....	....	....	....	....	....	....	....	.25	1.00	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	1.50
Rison	Ouachita	....	.30	.60	....	....	....	....	....	.58	.67	1.05	....	....	....	....	....	.37	....	....	....	....	....	1.27	.37	....	....	....	....	....	....	....	5.21
Rogers	Arkansas	....	....	T.	....	1.24	.77	.89	..	.21	....	.32	....	....	.98	.09	....	....	....	....	....	....	....	.09	....	....	....	....	1.92	....	....	....	6.51
Snow Lake	Mississippi	....	.80	....	....	....	....	....	.10	....	.39	.61	....	.20	....	....	.15	....	....	.07	....	....	.95	.90	....	....	1.30	....	....	....	....	....	5.47
Springbank ‖‖	Red	.45	.07	T	....	.30	....	....	..	T.	.65	.70	.04	....	....	....	....	....	....	....	....	....	.51	.10	.85	.07	....	....	....	T.	....	....	3.74
Stuttgart	Arkansas	....	.22	.92	....	....	.24	....	....	T.	T.	1.25	....	....	....	.15	....	.32	....	....	....	....	....	....	....	....	....	....	1.17	....	....	....	4.27
Subiaco	Arkansas	.05	....	....	....	.94	....	....	....	1.69	....	.53	....	....	....	.12	....	.31	.29	....	....	....	....	....	.85	....	....	.62	....	....	....	....	4.55
Texarkana ‖	Red	.75	....	....	....	.30	....	....	....	....	1.20	2.32	.13	....	....	.63	....	....	....	....	....	....	....	....	.85	....	....	....	....	....	....	....	6.18
Waldron	Arkansas	1.03	....	.02	.06	.86	....	....	....	.28	.96	.12	T.	....	T.	.36	....	....	....	.66	.08	....	....	.05	T.	....	....	....	.04	....	....	....	4.52
Warren	Ouachita	.15	T.	.48	....	....	....	....	....	T.	.85	.22	....	....	....	T.	....	.45	T.	....	....	....	....	.65	.15	....	....	....	T.	....	....	....	2.95
Whitecliffs	Red	.80	....	....	....	.20	....	....	....	.45	.10	1.10	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	2.85
Wynne ‖	Mississippi	.01	....	T.	....	....	1.18	.16	....	....	6.00	1.80	.08	....	....	....	T.	.40	.25	.16	....	....	....	.45	....	....	....	....	.30	....	....	....	10.79

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 ours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for June, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	19.1	18.9	20.1	20.1	18.6	18.4	18.4	17.2	16.6	20.2	22.8	27.3	28.9	28.8	29.4	28.7	28.1	27.1	24.1	23.4	23.2	21.5	20.1	18.8	18.1	15.1	11.3	10.9	10.5	9.8	....
Dardanelle	.....do	20	20.0	17.9	17.4	18.0	18.2	17.0	16.8	16.4	15.4	16.2	19.7	20.9	24.0	25.8	25.8	26.3	26.5	26.2	25.5	23.5	22.0	21.5	20.0	18.5	17.0	16.5	14.2	11.5	9.9	9.2	....
Little Rock	.....do	23	21.5	20.9	19.5	18.9	19.0	19.0	18.5	18.1	17.8	16.9	17.5	19.6	21.3	23.0	23.9	24.3	24.7	25.3	25.2	24.9	23.9	23.3	22.5	21.5	20.4	18.9	17.7	15.6	12.3	10.4	....
Pine Bluff	.....do	25	25.0	24.7	24.1	23.4	22.8	22.9	22.8	22.4	22.1	21.7	21.2	21.9	23.5	24.8	26.1	26.9	27.2	27.5	27.7	27.7	27.5	26.9	26.4	25.8	25.2	24.1	23.1	21.8	19.5	16.8	....
Black Rock	Black	14	18.0	17.6	16.3	15.6	14.8	14.3	15.5	15.8	15.8	15.8	18.4	20.3	19.0	16.6	15.7	16.0	16.8	16.8	16.6	15.7	15.0	13.8	12.5	11.2	10.5	10.0	9.6	9.4	9.0	8.8	....
Calico Rock	White	18	7.9	7.5	6.4	7.4	6.7	6.1	6.9	6.7	6.1	11.8	13.0	10.1	8.2	7.1	6.4	6.4	5.7	5.6	5.5	5.2	4.7	4.4	4.0	3.8	3.0	2.6	2.4	2.5	2.7	2.5	....
Batesville	.....do	28	14.5	15.0	13.2	14.0	13.5	13.0	12.5	13.4	12.7	13.6	22.8	19.1	16.2	14.4	13.3	12.6	15.6	12.9	13.2	11.6	11.2	10.6	10.2	9.8	9.5	8.9	8.1	8.6	8.7	8.5	....
Newport	.....do	26	26.6	24.5	23.0	22.3	21.3	20.9	20.3	19.2	18.5	19.3	21.1	23.4	23.4	23.2	21.9	21.1	21.3	21.6	20.8	20.5	19.3	18.4	17.2	15.5	14.2	13.5	10.2	9.6	9.2	8.8	....
Georgetown	.....do	22	25.8	25.5	25.2	24.8	24.2	23.8	23.4	22.9	22.4	22.6	22.9	23.0	23.0	22.8	22.7	22.6	22.4	22.3	22.2	22.1	21.9	21.6	21.3	21.0	20.8	20.4	19.9	19.4	18.6	17.6	....
Clarendon	.....do	30	30.2	30.3	30.4	30.4	30.4	30.3	30.3	30.1	29.9	29.6	29.5	29.4	29.4	29.4	29.3	29.2	29.1	29.0	28.8	28.7	28.6	28.4	28.2	28.0	27.8	27.6	27.3	27.2	26.9	26.5	....
Helena	Mississippi	42	32.3	32.0	31.7	31.6	31.5	31.3	30.9	30.1	29.3	28.3	27.8	27.1	26.2	25.4	25.1	25.7	27.0	28.5	29.9	31.0	31.8	32.3	32.4	32.3	31.7	30.8	29.6	28.4	27.1	25.7	....
Arkansas City	.....do	42	42.8	43.0	43.1	43.1	43.1	43.1	43.0	42.8	42.4	42.0	41.6	41.1	40.5	39.9	39.3	39.2	39.2	39.6	40.3	41.1	41.8	42.5	43.1	43.3	43.6	43.5	43.2	42.6	41.9	40.9	....
Camden	Ouachita	49	20.6	18.5	16.3	16.5	16.0	14.2	15.6	21.5	24.0	24.3	20.6	19.8	22.9	24.8	24.0	21.6	18.0	14.2	13.3	11.5	10.3	8.6	8.0	7.8	7.6	7.4	7.2	7.0	6.9	6.6	....
Danville	Petit Jean	20	19.3	19.2	19.8	17.1	11.9	15.6	17.0	13.3	9.4	18.4	21.4	22.2	21.4	19.1	14.4	9.4	9 8	12.5	11.3	6.4	6.6	5.5	4.3	4.2	4.4	4.2	4.1	4.1	3.2	3.2	....
Fulton	Red	28	24.1	23.5	23.0	22.9	23.4	24.4	24.8	24.6	24.2	23.7	24.0	24.4	24.7	24.5	25.7	24.4	23.4	22.6	21.3	19.5	17.8	16.4	15.4	14.6	13.9	13.5	13.3	13.0	12.6	12.4	....
Arkadelphia	Ouachita	18	2.9	2.9	3.2	3.5	3.0	9.0	10.0	9.4	4.9	4.0	8.0	10.0	7.0	4.9	3.9	3.4	3.2	3.0	2.6	2.0	1.8	1.5	1.3	1.2	1.2	1.0	1.0	1.0	0.9	0.8	....
Patterson	Cache	9	9.9	9.4	9.0	8.6	8.1	8.0	8.1	8.1	8.0	9.2	9.9	10.2	10.2	10.1	9.9	9.8	10.0	10.2	10.1	9.8	9.5	9.2	9.0	8.8	8.5	8.2	7.9	7.7	7.5	7.1	....

Daily Temperatures for June, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§§	Maximum	84	84	87	85	81	87	89	86	84	82	83	72	82	84	85	86	86	90	88	88	91	95	90	88	87	94	93	77	76	73	....	85.
	Minimum	66	67	65	64	65	66	65	66	65	69	70	65	60	60	62	70	68	69	68	68	68	69	68	72	72	72	75	68	55	53	....	66.
Bee Branch	Maximum	91	86	88	88	86	88	90	90	88	82	83	79	88	87	82	92	96	94	94	94	94	96	95	92	94	98	97	94	79	76	....	89.
	Minimum	65	61	62	62	62	61	61	65	65	62	63	59	59	57	62	61	65	62	64	65	66	64	64	68	69	66	60	66	53	50	....	62.
Bentonville	Maximum	85	86	78	84	82	82	84	86	78	80	72	69	79	78	77	85	88	88	89	87	87	90	91	90	90	92	92	72	75	74	....	83.
	Minimum	67	65	65	67	65	63	59	64	70	68	61	59	58	62	65	68	68	70	70	70	70	66	68	69	69	72	63	55	51	57	....	64.
Booneville	Maximum	81	89	80	79	87	87	84	86	84	79	76	74	76	81	77	94	90	90	90	91	89	90	88	86	91	99	95	87	75	75	....	85.
	Minimum	63	70	68	68	65	65	68	70	74	66	68	62	60	65	69	67	68	72	71	73	72	73	71	71	72	74	72	69	59	60	....	68.
Brinkley	Maximum	88	87	90	90	87	91	92	92	84	81	82	79	84	88	87	92	88	91	93	93	95	95	91	90	91	95	95	90	76	80	....	88.
	Minimum	67	70	66	64	67	69	65	72	71	71	71	63	65	61	66	69	70	70	70	69	70	70	70	71	71	72	75	67	57	52	....	67.
Calico Rock§§§	Maximum	85	88	82	87	82	....	....	86	83	83	85	71	84	84	87	91	86	91	90	90	92	95	93	90	91	98	97	76	78	74	....	86.
	Minimum	66	68	65	65	65	66	64	66	67	69	68	64	60	61	61	68	67	67	69	69	69	67	69	70	70	71	76	67	54	55	....	66.
Camden§§§	Maximum	82	89	89	83	88	91	93	92	88	77	85	80	82	88	91	93	91	92	90	89	90	93	89	87	89	94	93	83	80	80	....	87.
	Minimum	69	65	68	66	65	66	69	69	70	73	66	64	60	63	67	68	68	69	69	71	69	69	69	71	71	69	72	77	61	53	....	67.
Center Point	Maximum	82	85	84	82	85	88	91	91	86	78	84	76	81	88	90	91	90	89	89	87	87	88	83	87	89	85	93	84	79	73	....	85.
	Minimum	64	69	68	65	64	66	70	71	71	65	69	64	59	66	70	69	70	73	69	71	71	68	70	70	72	70	75	72	67	59	....	68.
Conway	Maximum	82	80	88	87	85	90	92	90	86	85	83	78	82	84	85	93	94	90	89	88	90	94	90	89	89	96	94	87	78	77	....	87.
	Minimum	67	69	66	67	68	65	67	68	70	68	68	65	62	62	67	70	69	70	70	71	71	70	70	71	73	71	73	67	59	56	....	67.
Corning	Maximum	79	87	90	90	90	85	87	84	82	77	82	74	84	87	83	85	86	89	90	92	95	95	93	90	91	96	96	85	76	77	....	86.
	Minimum	64	66	64	64	61	64	63	65	61	62	66	62	56	60	64	68	68	69	67	69	68	70	68	69	69	71	75	65	51	51	....	64.
Dardanelle	Maximum	84	82	86	83	83	82	92	91	90	88	87	81	80	82	84	93	91	91	94	87	89	92	91	87	93	97	99	98	79	83	....	88.
	Minimum	64	70	69	70	67	66	66	70	74	68	69	64	63	62	70	68	67	66	66	74	73	71	73	72	72	75	73	68	64	62	....	68.
Dodd City	Maximum	83	88	82	85	79	83	87	84	76	79	78	86	80	75	80	86	80	85	87	87	86	92	86	86	91	93	87	85	78	72	....	83.
	Minimum	66	65	62	63	60	61	60	61	64	64	63	58	55	56	58	65	66	64	66	66	66	66	62	66	67	71	62	58	62	48	....	62.
Lumas	Maximum	82	92	86	87	87	92	92	92	90	78	84	80	80	87	90	90	85	91	88	90	92	92	90	87	90	92	95	80	76	77	....	86.
	Minimum	67	66	67	64	67	70	68	72	70	70	70	67	64	61	68	67	67	69	68	70	68	70	69	73	70	71	75	70	64	53	....	67.
Dutton	Maximum	83	83	81	82	80	81	87	87	76	78	76	68	76	78	76	85	91	87	85	86	85	89	88	92	87	91	90	80	74	72	....	82.
	Minimum	62	61	65	63	62	57	61	60	68	65	62	58	56	55	62	61	65	66	65	61	66	60	62	63	67	64	69	61	46	48	....	61.
El Dorado	Maximum	83	91	89	89	90	93	95	94	89	79	84	82	83	90	93	95	94	91	90	90	92	95	95	87	92	96	94	90	82	84	....	89.
	Minimum	64	67	68	67	67	71	73	71	71	68	68	66	61	65	70	72	69	72	69	70	69	70	70	70	71	72	76	78	62	58	....	68.
England	Maximum	83	....	89	89	88	92	94	93	92	83	85	78	83	88	88	94	86	93	90	90	93	95	89	92	90	96	96	87	81	80	....	88.
	Minimum	68	....	66	63	67	68	66	67	68	69	69	62	66	72	67	70	68	70	70	70	70	71	70	71	71	70	73	70	72	55	....	68.
Eureka Springs	Maximum	86	87	81	79	87	82	85	88	85	80	79	69	81	78	79	85	90	88	88	90	89	93	92	89	91	92	91	86	78	75	....	84.
	Minimum	65	66	65	65	64	62	59	61	67	65	63	58	57	59	61	67	69	70	69	68	67	65	68	67	69	72	75	62	49	53	....	64.
Evening Shade	Maximum	91	85	....	87	85	89	88	86	82	78	85	72	85	85	83	89	89	89	88	89	91	94	92	90	....	98	95	91	76	74	....	86.
	Minimum	69	66	....	63	62	63	63	65	65	66	67	62	57	57	62	66	65	67	66	66	68	65	69	....	70	73	65	53	51	....	63.
Fayetteville	Maximum	83	85	85	83	....	81	81	88	88	78	73	70	80	77	79	85	87	86	86	87	88	90	91	88	88	90	91	89	79	81	....	84.
	Minimum	55	67	65	67	....	62	63	65	69	64	64	58	55	61	60	69	67	71	71	69	66	67	70	75	70	73	74	63	51	53	....	65.
Fort Smith	Maximum	89	90	85	86	81	87	90	89	83	80	79	75	79	83	81	91	93	92	91	89	89	93	94	89	93	97	96	82	79	80	....	86.
	Minimum	64	70	60	67	68	65	69	71	69	70	67	65	62	65	66	69	70	72	74	74	73	72	75	73	73	74	78	65	59	60	....	69.
Franklin	Maximum	81	85	83	80	81	87	86	86	81	77	81	75	75	83	86	89	89	90	89	90	89	85	89	90	86	89	93	92	84	79	77	....	84.
	Minimum	60	71	64	62	61	62	66	68	68	63	66	60	55	61	67	65	67	68	66	69	63	65	63	68	68	66	68	69	56	54	....	64.
Gravette	Maximum	86	86	86	76	87	83	83	83	76	73	70	77	77	77	84	89	86	86	88	85	84	87	90	88	88	88	88	83	75	75	....	82.
	Minimum	63	62	65	65	63	63	61	67	67	63	59	52	52	65	65	66	71	69	69	68	69	64	67	67	69	73	70	62	48	52	....	64.
Hope	Maximum	85	97	86	82	91	93	95	95	93	78	87	80	86	91	93	92	95	92	96	92	91	93	92	92	93	98	....	95	83	84	....	90.
	Minimum	65	69	70	65	68	68	71	71	70	63	68	64	65	65	70	69	70	69	70	71	71	67	69	70	71	72	....	70	61	58	....	67.
Hot Springs	Maximum	83	85	83	80	85	89	91	91	88	83	85	81	82	85	86	91	91	92	91	90	92	94	91	86	91	94	95	93	78	78	....	87.
	Minimum	64	67	66	64	64	64	67	68	70	68	68	61	61	61	68	66	66	70	68	70	68	67	69	69	72	70	74	70	56	57	....	66.
Huttig	Maximum	95	90	93	86	92	93	93	95	93	88	88	85	89	88	94	96	93	93	92	90	92	95	95	82	95	96	96	92	87	89	....	91.
	Minimum	65	67	69	66	68	70	70	70	71	68	70	61	61	65	70	72	69	70	69	68	69	70	71	72	70	71	74	76	61	56	....	68.
Jonesboro	Maximum	83	88	90	90	90	89	88	82	83	80	81	76	83	88	83	87	86	88	92	91	95	93	92	90	91	96	96	90	75	76	....	7
	Minimum	67	68	67	64	65	67	64	70	66	66	68	64	62	62	65	70	70	70	69	69	70	74	69	69	70	72	77	67	56	52	....	67.
Junction	Maximum	81	89	81	87	92	95	96	93	90	77	86	84	88	91	94	95	93	91	92	90	92	91	88	87	94	96	92	91	80	81	....	89.
	Minimum	62	64	63	65	66	67	70	65	65	67	65	63	64	66	67	66	67	69	70	69	70	71	67	68	70	74	77	70	64	55	....	67.
Little Rock	Maximum	82	80	87	86	84	89	89	89	89	82	82	74	81	84	87	92	86	90	89	89	93	93	89	87	88	93	93	82	76	78	....	86.
	Minimum	66	69	68	67	67	69	68	70	72	68	69	65	65	66	70	69	68	72	71	72	73	71	72	72	72	75	69	61	62	63	....	69.
Lutherville	Maximum	84	81	82	80	80	84	87	87	82	80	77	71	80	82	76	87	90	90	88	88	89	92	86	81	90	93	93	86	76	79	....	84.
	Minimum	65	69	62	67	66	63	65	70	69	65	67	63	59	63	68	67	67	69	69	76	71	71	71	72	71	74	65	54	58	53	....	66.
Magnolia	Maximum	95	....	93	84	90	91	91	92	90	80	85	....	....	88	91	92	90	93	91	91	93	94	88	89	91	93	94	92	85	86	....	91.
	Minimum	65	....	57	66	65	65	65	71	70	67	67	....	....	60	71	72	72	73	71	72	68	67	70	69	70	72	72	70	63	66	....	68.
Malvern	Maximum	92	82	88	84	87	93	93	91	90	85	87	86	81	88	90	93	91	93	92	91	91	96	92	89	92	98	96	88	82	82	....	89.
	Minimum	69	68	65	65	65	67	67	68	71	70	70	64	63	61	69	66	68	70	68	70	69	69	70	71	72	70	73	72	63	54	....	67.
Mammoth Spring	Maximum	85	85	86	87	85	88	88	85	81	77	85	72	85	85	83	88	89	92	92	93	96	92	93	91	91	96	97	....	....	75	....	88.
	Minimum	68	67	64	65	65	67	65	66	67	67	68	65	58	61	65	69	69	70	69	67	67	69	68	70	69	70	74	61	52	52	....	65.
Marianna	Maximum	84	87	89	90	87	92	95	89	90	84	82	78	82	85	89	88	87	87	90	93	93	93	91	88	91	94	96	90	75	78	....	88.
	Minimum	68	65	65	66	67	69	66	71	71	71	71	65	65	63	67	69	69	70	70	74	71	70	71	76	77	68	69	72	60	62	....	68.
Marked Tree §§§	Maximum	85	88	89	85	90	90	88	86	81	83	73	83	87	82	88	86	87	90	91	91	93	89	84	93	95	95	78	78	73	83	....	85.
	Minimum	70	70	70	71	69	68	69	69	70	69	66	64	65	68	66	71	72	70	71	73	73	71	71	72	71	76	67	58	54	56	....	69.
Marshall	Maximum	85	88	86	86	87	91	88	84	78	81	77	74	81	82	84	89	87	92	91	93	92	88	89	88	93	96	96	87	73	76	....	86.
	Minimum	70	71	68	69	66	69	63	68	69	67	68	60	61	61	63	68	69	70	71	71	73	76	73	73	74	77	65	55	54	57	....	67.
Mena	Maximum	85	88	81	83	83	88	89	90	83	80	87	75	83	83	86	91	90	92	91	89	89	92	92	93	93	96	94	85	81	77	....	87.
	Minimum	63	67	69	64	63	63	68	68	72	65	67	61	55	60	68	66	69	71	67	67	68	66	70	71	70	71	69	58	54	55	....	65.
Mt. Home	Maximum	84	88	85	88	81	86	89	84	76	82	81	71	82	81	83	87	88	92	90	88	91	92	91	88	93	96	96	93	81	76	73	....	85.
	Minimum	64	65	60	62	60	61	60	64	63	64	63	58	57	56	60	66	66	65	66	66	66	65	66	67	67	72	69	49	50	50	....	62.
Mount Ida	Maximum	84	89	83	81	85	90	91	90	87	83	85	76	84	85	88	92	92	92	90	90	91	91	87	92	96	95	85	80	78	87	....	87.
	Minimum	61	65	68	63	64	60	65	66	70	66	68	60	56	59	65	67	65	67	66	67	66	63	68	70	67	70	68	69	54	51	....	64.
Nail	Maximum	82	80	79	78	76	79	82	85	76	77	75	70	75	76	76	85	87	86	85	83	90	87	87	83	85	86	87	80	76	69	....	80.
	Minimum	60	61	60	63	62	60	60	66	67	63	63	53	55	57	60	65	64	65	64	64	65	64	68	69	67	63	67	62	60	59	51	....	62.
Newport	Maximum	88	89	90	90	86	90	95	89	85	82	85	77	85	91	87	88	87	93	94	91	95	96	91	91	95	97	98	89	78	75	....	88.
	Minimum	69	70	69	66	69	67	66	71	69	66	70	65	64	64	69	70	68	71	71	72	72	75	71	73	71	74	77	67	59	56	....	68.
Osceola	Maximum	86	85	87	83	87	90	88	87	88	87	85	87	82	87	....	86	89	94	91	92	96	98	96	85	96	97	98	89	76	76	....	88.
	Minimum	79	76	77	77	70	70	76	75	76	76	67	68	71	73	....	74	69	69	69	69	69	72	71	69	71	72	72	66	55	64	....	71.
Ozark	Maximum	70	86	84	84	81	87	90	92	85	92	82	74	76	84	79	90	91	90	90	91	93	92	93	89	92	96	97	86	80	78	....	86.
	Minimum	54	62	70	69	69	64	66	68	73	68	68	61	70	71	61	70	66	68	74	73	75	78	74	70	74	73	72	74	70	55	55	....	68.
Pine Bluff	Maximum	85	90	89	89	89	92	95	93	92	84	86	80	85	88	90	94	89	93	90	92	93	97	88	89	90	95	96	85	81	81	....	89.
	Minimum	69	67	67	67	67	69	68	70	71	71	70	65	63	62	68	69	69	69	70	69	71	70	71	71	71	74	72	64	51	....	68.
Pocahontas	Maximum	82	87	86	87	87	85	86	87	82	81	81	76	84	85	82	87	85	82	84	89	93	96	93	88	87	95	95	93	78	75	....	86.
	Minimum	67	68	69	65	65	65	63	68	65	66	68	64	60	61	65	70	70	73	69	69	70	75	69	70	70	72	76	67	55	52	....	66.
Portland	Maximum	88	88	87	89	90	92	91	90	90	76	87	85	85	88	92	93	87	92	89	90	92	95	90	86	88	95	94	89	79	82	....	88.
	Minimum	66	66	69	65	68	72	72	71	71	72	70	69	65	64	71	69	68	68	68	70	68	73	68	71	69	70	74	72	64	54	....	68.
Prescott	Maximum	87	90	85	75	86	92	93	92	90	82	85	79	83	88	92	95	91	94	93	90	90	93	91	87	92	97	96	82	81	80	....	88.
	Minimum	64	68	70	65	64	67	70	70	71	67	68	64	60	63	69	67	69	63	68	71	69	68	69	70	70	70	74	78	61	55	....	67.
Rison	Maximum	85	88	89	86	89	93	94	92	88	77	84	81	83	87	89	94	90	91	90	90	93	88	87	83	95	94	86	79	80	....	87.
	Minimum	67	69	66	64	67	69	69	71	71	70	67	66	62	66	69	69	69	70	68	76	68	69	68	70	70	71	71	77	64	56	....	68.
Rogers	Maximum	87	86	81	85	83	81	84	86	79	82	73	69	78	77	76	85	93	88	88	88	86	90	94	92	93	94	92	70	80	77	....	83.
	Minimum	65	66	66	67	67	64	58	64	69	67	64	59	57	59	62	66	66	69	69	70	67	69	63	66	61	66	64	63	61	50	....	64.
Snow Lake§§§	Maximum	89	87	90	88	92	92	93	90	87	84	87	88	89	88	85	81	87	90	90	94	95	88	88	91	94	84	84	71	84	86	....	87.
	Minimum	67	67	65	65	70	68	73	70	73	72	65	67	67	67	67	70	69	69	68	69	70	71	70	71	71	68	65	63	55	59	....	67.
Stuttgart	Maximum	84	84	86	85	87	91	93	91	89	82	84	77	82	86	88	90	84	89	88	88	90	93	87	86	87	94	94	85	76	77	....	86.
	Minimum	67	68	67	64	67	67	68	71	70	72	70	63	64	64	70	72	70	71	71	71	73	71	73	71	75	74	68	61	57	....	68.
Subiaco	Maximum	89	95	84	87	85	89	91	90	85	83	83	76	81	87	81	93	92	90	92	91	92	95	93	89	93	97	99	87	80	80	....	88.
	Minimum	65	69	70	67	67	63	66	67	73	67	68	63	63	63	69	67	69	70	71	72	71	69	72	71	72	71	77	68	56	60	....	67.
Texarkana	Maximum	85	97	89	81	87	92	95	92	89	77	82	80	83	91	92	92	93	95	93	91	97	94	92	91	96	94	89	86	81	....	89.
	Minimum	65	72	69	65	67	67	70	73	73	66	64	64	63	63	65	70	73	73	72	73	72	70	72	72	73	74	75	77	62	60	....	69.
Warren	Maximum	84	96	88	89	92	91	96	93	89	77	86	83	86	90	94	92	93	91	92	90	94	98	90	83	90	94	95	89	83	84	....	89.
	Minimum	69	66	68	66	70	70	72	71	71	70	67	67	62	62	70	69	70	71	69	71	69	70	72	71	71	75	77	64	55	....	68.
Wynne	Maximum	83	85	88	90	86	91	93	89	88	81	82	76	84	....	....	89	86	87	88	90	91	94	95	90	86	90	95	96	85	75	76	....	87.
	Minimum	67	69	67	65	66	67	66	70	69	69	71	62	6	62	66	68	69	70	68	69	71	72	69	71	71	73	75	68	59	53	....	67.

§§§ Temperatures are read in the morning; the maximum temperature then read is credited to the preceding day on which it actually occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., JULY, 1923. No. 7.

GENERAL SUMMARY.

The weather during July was characterized by normal temperature, a slight deficiency in precipitation, about the normal amount of sunshine, and nearly the normal number of clear, partly cloudy, cloudy, and rainy days. The month opened with a cool wave, temperatures being 8° to 10° below normal during which time 48° was recorded in Benton County. From the 17th to the 22d and during the last few days of the month temperatures were near or slightly below normal, while during most other periods they were above normal, 105°, which is not an unusual July temperature, being the highest recorded. Little rain fell from the 1st to the 12th but thereafter moderate showers were frequent. Conditions as a whole were favorable for cotton which was rather late. Boll weevil infestation was less than a year ago and the close of the month found fields clean and the crop growing and fruiting satisfactorily. The weather was rather dry for corn in a few western and northern counties but in most sections corn did well and early corn was nearly matured at the close of the month. Melons, potatoes, rice, pastures, and truck were favorably effected and at the close of the month the early peach crop was being harvested under favorable conditions.

W. C. H.

TEMPERATURE.

The mean temperature for the month of July, as determined from the records of 51 stations, was 79.9° which is normal. There were slight positive and negative departures in all sections of the State. The highest monthly mean was 82.6° at Hope; the lowest 75.0° at Dutton. The highest temperature recorded was 105° at Hope on the 24th; the lowest 48° at Rogers on the 1st. Extremes occurred near these dates throughout the State. The greatest daily range was 42° at Harrison on the 7th.

PRECIPITATION.

The average precipitation for the State, as determined from the reports of 73 stations, was 3.53 inches which is 0.39 inch below normal. Amounts varied from 7.86 inches at Little Rock to 0.33 inch at Harrison, but considering the season, the distribution was fairly regular over the State. The greatest amount measured in 24 consecutive hours was 4.75 inches at Hot Springs on the 17th. The average number of rainy days was 6.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles.	Maximum velocity.	Direction.	Date	7 a. m.	7 p. m.	
Bentonville..	29.98	30.19	21	29.73	29	2,446	24	e.	15	.....	.....	68
Fort Smith...	29.95	30.17	2	29.74	25	4,368	42	n.	15	82	55	75
Little Rock	29.97	30.17	2	29.77	25	4,506	41	n.	27	85	63	72
Memphis....	29.99	30.20	2	29.77	28	4,294	39	sw.	28	81	66	65

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 5th, 2; 7th, 2; 9th, 6; 10th, 2; 11th, 7; 12th, 7; 13th, 11; 14th, 8; 15th, 9; 16th, 6; 17th, 7; 18th, 1; 19th, 3; 20th, 9; 21st, 2; 23d, 1; 24th, 1; 25th, 10; 26th, 3; 27th, 16; 28th, 13; 29th, 3; 30th, 23; 31st, 2.

Lunar Halos:– 25th, 1.
Solar Halos:– 23d, 1.
Dense Fog:– 19th, 1.

Year.	Temperature.				Precipitation.		Number of days.			
	Mnthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
***Means and Extremes.**	**79.9**		**111**	**41**	**3.92**		**15**	**11**	**5**	**8**
1891.....	76.5	−3.4	103	50	7.24	+3.32	13	8	10	10
1892.....	79.0	−0.9	104	50	3.58	−0.34	10	11	10	10
1893.....	80.9	+1.0	103	59	2.94	−0.98	17	11	3	6
1894.....	78.4	−1.5	108	51	3.98	+0.06	17	9	5	6
1895.....	78.9	−1.0	104	55	7.34	+3.42	12	10	9	12
1896.....	83.4	+3.5	110	52	1.61	−2.31	16	11	4	4
1897.....	82.4	+2.5	109	50	3.25	−0.67	16	11	4	5
1898.....	79.9	0.0	105	50	4.25	+0.33	12	13	6	8
1899.....	79.0	−0.9	100	52	5.14	+1.22	15	11	5	8
1900.....	79.7	−0.2	102	51	4.46	+0.54	10	15	6	9
1901.....	83.7	+3.8	116	50	2.49	−1.43	15	13	3	6
1902.....	79.4	−0.5	105	50	4.49	+0.57	14	12	5	6
1903.....	79.6	−0.3	105	53	3.86	−0.06	13	12	6	9
1904.....	77.9	−2.0	104	49	4.43	+0.51	13	13	5	10
1905.....	76.7	−3.2	106	51	7.60	+3.68	10	13	8	13
1906.....	76.7	−3.2	99	48	5.96	+2.04	13	9	9	10
1907.....	81.4	+1.5	108	53	1.96	−1.96	21	8	2	4
1908.....	79.2	−0.7	103	48	3.00	−0.92	15	12	4	8
1909.....	81.9	+2.0	106	50	2.51	−1.41	19	9	3	5
1910.....	79.4	−0.5	105	41	5.46	+1.54	15	12	4	10
1911.....	78.4	−1.5	106	43	4.83	+0.91	9	14	8	11
1912.....	81.3	+1.4	104	56	2.82	−1.10	15	13	3	6
1913.....	81.5	+1.6	104	55	4.31	+0.39	13	14	4	8
1914.....	82.6	+2.7	110	54	2.69	−1.23	11	15	5	7
1915.....	77.1	−2.8	107	43	2.40	−1.52	20	7	4	5
1916.....	82.8	+2.9	106	55	2.09	−1.83	19	9	3	6
1917.....	79.6	−0.3	106	50	5.10	+1.18	15	9	7	8
1918.....	79.6	−0.3	111	49	1.53	−2.39	19	7	5	4
1919.....	81.2	+1.3	104	54	1.91	−2.01	19	8	4	5
1920.....	79.8	−0.1	105	52	4.22	+0.30	15	10	6	7
1921.....	82.0	+2.1	107	54	2.42	−1.50	19	8	4	6
1922.....	80.2	+0.3	106	48	4.12	+0.20	14	11	6	7
1923.....	79.9	0.0	105	48	3.53	−0.39	16	9	6	6

*Based on 30 years record.

Climatological Data for July, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Arkadelphia	Clark	186	27	.....	.....	.....	.....	.....	.....	.....	2.80	−1.20	0.95	0	6	9	0	22	s.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	5.95	+1.98	1.60	0	8	15	6	10	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	2.50	.....	1.00	0	5	17	7	7	.....	J. D. Reeves.
Batesville	Independence	277	24	78.8	− 1.0	99	24	56	1	31	2.60	−0.59	1.22	0	10	16	7	8	s.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	31	80.2°	+ 0.3	103°	12	60°	29	37°	2.25	−1.31	1.10	0	4	18	6	7	s.	J. E. Scanlan.
Bentonville	Benton	1303	17	78.4	− 0.1	98	24	59	1	27	1.28	−3.03	1.25	0	3	16	11	4	e	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	2.98	−0.86	1.15	0	7	17	0	14	.....	Vernon C. Howe.
Booneville	Logan	600	9	81.7	.....	101	24	60	1	32	1.06	.....	0.82	0	5	19	9	3	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	41	81.6	+ 1.4	99	24	55	1	32	2.77	−1.44	1.31	0	6	18	8	5	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	79.9	.....	102	24	57	1	33	1.67	−1.57	0.47	0	6	15	7	9	s.	W. J. Copp.
Camden	Ouachita	158	37	79.5	− 1.5	102	25	55	1	30	3.33	−0.66	1.13	0	9	16	10	5	sw.	A. B. Quarterman.
Centerpoint	Howard	470	24	80.4	− 1.5	100	24	61	1	29	1.80	−2.33	0.45	0	6	15	13	3	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	4.33	+0.70	1.13	0	9	12	8	11	sw.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	0.96	.....	0.29	0	5	17	11	3	s.	Dr. R.M. Hunter.
Conway	Faulkner	309	39	79.8	− 0.9	98	24	57	1	30	6.85	+3.32	3.11	0	6	19	10	2	s.	E. E. Cordrey.
Corning	Clay	293	23	79.2	+ 0.4	100	24	58	2	32	3.63	−0.09	2.30	0	7	22	5	4	s.	Rev. N. E Skinner
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	3.05	.....	0.90	0	5	22	0	9	s.	C. P. Evans.
Dardanelle	Yell	330	37	80.9	0.0	100	24	61	1	28	3.52	−0.21	1.07	0	5	20	1	10	w.	J. D. Riley.
Dodd City	Marion	1175	41	75.6	− 3.7	97	24	54	1	32	2.20	−2.49	0.55	0	6	7	21	3	s.	Neal Dodd.
Dumas	Desha	162	16	80.1	− 1.1	99	25	57	1	29	5.40	+1.56	2.45	0	10	2	24	5	s.	Ben Johnson.
Dutton	Madison	1590	21	75.0[b]	− 0.1	97[b]	25†	53[b]	2	34[b]	2.76	−1.39	1.80	0	5	22[b]	6[b]	1[b]	sw.	J. M. Ricketts.
Elaine	Phillips	155	1	.....	.....	.....	.....	.....	.....	.....	7.57	.....	2.40	0	5	22	0	9	.....	G. A. Newton.
El Dorado	Union	270	23	.....	.....	.....	.....	.....	.....	.....	2.36	−1.55	.....	0	.....	.....	.....	.....	.....	J. J. Babb.
England	Lonoke	229	16	80.2[a]	− 1.3	99[a]	21	56[a]	1	35[a]	6.24	+3.26	2.88	0	6	11[a]	13[a]	6[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	78.8	+ 1.0	97	24	55	1	27	3.36	−0.80	1.43	0	4	19	11	1	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	21	78.4[b]	.....	98[b]	12†	55[b]	1	31[b]	3.30	.....	1.33	0	5	18[b]	8[b]	3[b]	e.	C. C. Price.
Fayetteville	Washington	1451	37	79.0	+ 1.3	98	24	58	2	33	1.94	−2.19	0.75	0	5	15	10	6	se.	University of Arkansas.
Fort Smith	Sebastian	481	41	82.4	+ 1.4	101	24	63	1	26	3.41	−0.43	1.45	0	9	13	14	4	e.	U. S. Weather Bureau.
Fulton	Hempstead	269	37	.....	.....	.....	.....	.....	.....	.....	1.51	−1.99	0.40	0	6	10	13	8	.....	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	3.92	.....	1.40	0	6	15	3	13	s.	Arthur Lentz.
Grannis	Polk	900	5	78.4	.....	99	25	55	1	30	4.60	.....	1.70	0	11	19	12	0	e.	W. E. Mc Vay.
Gravette	Benton	1250	25	77.2	0.0	99	24	55	28	37	0.44	−4.39	0.44	0	1	19	9	3	sw.	A. F. Stevens.
Harrison	Boone	1352	2	79.5	+ 3.6	99	9	52	2	42	0.33	−3.79	0.25	0	3	19[b]	8[b]	2[b]	sw.	A. C. Books.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	1.37	.....	0.65	0	7	15	15	1	e.	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	6.23	+2.39	2.64	0	10	20	1	10	.....	James A. Burnett.
Higden	Cleburne	445	5	.....	.....	.....	.....	.....	.....	.....	2.36	.....	0.95	0	7	17	12	2	ne.	J. A. Ingram.
Hope	Hempstead	377	51	82.6[a]	+ 2.3	105[a]	24	57[a]	1	32[a]	4.89	+0.30	2.03	0	8	22[a]	1[a]	6[a]	se.	N. P. O' Neal.
Hot Springs	Garland	600	30	79.0	− 2.1	98	9	55	1	30	7.10	+2.56	4.75	0	10	16	9	6	.....	P. P. Patraw.
Huttig	Union	175	16	81.7	− 0.1	102	25	60	1	31	2.75	−1.36	0.70	0	8	15	8	8	se.	J. L. Collett.
Jonesboro	Craighead	345	28	80.7	+ 0.4	100	24	56	1	30	2.32	−0.81	0 90	0	7	21	6	4	sw.	Benedictine Sisters.
Lincoln	Washington	1500	2	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. E. Nabers.
Little Rock	Pulaski	286	44	80.0	− 0.9	98	24	61	1	23	7.86	+3.87	3.84	0	8	9	13	9	s.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	26	79.2	0.0	95	8†	58	1	25	5.37	+1.79	4.30	0	8	8	20	6	5	e	H. Kauffeld.
Magnolia	Columbia	315	5	81.4[a]	.....	102[a]	13	60[a]	1†	32[a]	4.70	.....	1.60	0	7	7[a]	15[a]	8[a]	ne.	State Agri. School.
Malvern	Hot Springs	277	40	80.3	− 0.7	101	9†	55	1	33	2.26	−1.16	1.00	0	6	18	7	6	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	18	80.0	+ 2.2	101	24	59	1[b]	33	2.90	+1.10	1.02	0	9	14	16	1	s.	F. Wallick.
Marianna††	Lee	235	14	79.9	− 1.2	97	24	58	2	32	3.41	.....	1.40	0	10	15	12	4	s.	C. N. Houck.
Marked Tree	Poinsett	229	18	80.3	.....	97	23	59	1	28	3.81	+0.86	1 65	0	6	16	12	3	s.	Charles Walton.
Marshall	Searcy	1083	8	78.8	.....	97	24	58	1	25	2.76	.....	0.86	0	6	17	13	1	s.	W. F. Reeves.
Mena	Polk	1185	35	80.2	0.0	153	24	58	1	34	2 15	-2.27	0.70	0	9	24	6	1	s.	E. W. St. John.
Morrillton	Conway	347	3	.....	.....	.....	.....	59[a]	1	.....	6.25	.....	2.52	0	8	22[a]	7[a]	1[a]	s	W. C. Jackson.
Mountain Home	Baxter	800	9	76.7	.....	97[a]	12	54[a]	1	32[a]	3.92	.....	1.23	0	7	20[a]	5[a]	5[a]	sw.	B. S. Halbert.
Mount Ida	Montgomery	730	25	79.0	.....	102	24	54	1	34	4.23	+0.41	1.20	0	7	15	11	5	se.	G. A. Whittington.
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	2.31	.....	0.71	0	5	13	6	12	.....	Henry A. Davis.
Nail	Newton	2233	30	76.8	+ 1.5	95	24	55	1	27	3.5	−1.59	2.00	0	4	18	8	5	s.	Charles Paxton.
Newport	Jackson	231	39	82.2	+ 1.1	101	24	60	1	29	4.89	+1.80	0.90	0	11	11	13	7	sw	Geo. L Robinson.
Okay	Pope	1700	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Mason.
Osceola	Mississippi	240	23	80.6	+ 0.5	99	8†	50	1	33	4.37	+0.86	1.66	0	4	19	7	5	s	Mrs. J. T. Driver.
Ozark	Franklin	450	27	81.2[g]	− 0.3	100[g]	24	61[g]	1	28[g]	2.86	−0.90	1.21	0	6	15[h]	2[h]	6[h]	se.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	....	6.81	.....	1.85	0	7	20	0	11	s	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	3.17	.....	0.91	0	7	13	13	5	se.	W. W. Wood.
Pine Bluff	Jefferson	215	39	80.8	− 1.2	100	24	59	1	29	3.41	-0.45	1.15	0	9	19	3	9	se.	Miss Theresa Scheu.
Pocahontas	Randolph	300	31	80.9	+ 1.0	99	8†	58	1	29	4.30	−0.40	1.55	0	6	12	14	5	s.	Benedicitine Sisters.
Portland	Ashley	122	17	80.3	− 1.1	100	25	55	1	30	1.94	−2.83	0.61	0	6	16	7	8	w.	W. E. Edmiston.
Prescott	Nevada	329	41	81.0	− 0.8	102	25	57	1	30	4.01	+0.77	1.52	0	9	20	6	5	s.	O. J. Stephenson.
Princetown	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	5.55	+1.47	2.20	0	5	19	4	8	.....	Foote Coleman.
Rison	Cleveland	243	19	80.0	− 0.3	100	12	57	1	28	6.10	+2.58	2.23	0	5	18	8	5	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	77.5	+ 0.7	98	21†	48	1	35	1.68	−2.72	0.68	0	4	23	7	1	s.	Carl A. Starck.
Snow Lake	Arkansas	185	2	80.2	.....	97	23†	63	20	27	5.76	.....	3.80	0	6	16	11	4	.....	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	2.64	−0.36	1.50	0	3	18	7	6	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	79.6	− 1.1	97	24	58	1	25	5.54	+1.18	1.87	0	7	20	8	3	s.	H. A. Buerkle.
Subiaco	Logan	1050	26	82.4[a]	+ 1.5	102[a]	13	59[a]	1	31[a]	2.46	−1.02	0.90	0	10	20	9	2	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	83.1	− 0.8	105	25	59	1	34	2.89	−0 26	1.80	0	5	17	4	10	s	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	1.61	.....	0.73	0	6	3	17	11	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	81.9	+ 0.1	103	24	57	1	32	2.25	−1.42	0.80	0	6	9	17	5	s.	Mrs. J. L. Clegg.
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	3.41	−1.47	2.00	0	3	16	10	5	sw.	Miss E. M. Schirmer.
Wynne	Cross	250	15	80.6	+ 0.4	99	8	56	1	28	4.99	+1.51	2.40	0	7	8	12	11	s.	E. O. Allen.
State Means and Extreme				79.9	0.0	105	24	48	1	42	3.53	−0.39	4.75	0	6	16	9	6	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Dam No. 1 Judsonia, Ark.; Junction, Randolph, La.; Lutherville, R.F.D. No 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for July, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia ‖‖	Ouachita	....	....	....	....	....	....	....	....	....	.95	....	....	....	....	.60	....	.35	.20	....	....	....	....	....	....	....	....	...	.45	....	....	.25	2.80
Arkansas City ‖‖	Mississippi	....	....	....	....	....	....	.32	....	....	....	....	....	....	1.15	1.60	.92	T.	.64	T.	....	.17	....	....	....	....	.05	....	T.	....	....	1.10	5.95
Arlberg	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	.50	....	....	....	....	....	....	....	....	....	.10	1.00	....	.50	....	2.50
Batesville ‖‖	White	T.	....	....	....	....	....	....	....	.02	....	....	....	....	1.22	.12	.04	.47	.08	....	....	.16	....	....	....	....	.01	....	.18	....	.16	.14	2.60
Bee Branch	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.40	T.	..	T.	1.10	....	....	T.	....	....	....	....	....	....	T.	.50	....	.25	....	2.25
Bentonville ***	Arkansas	....	....	....	....	....	....	....	....	....	....	.03	T.	....	....	.93	.32	....	....	....	....	T.	....	....	....	....	....	T.	....	T.	....	....	1.28
Black Rock‖ ‖‖	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.52	....	....	1.15	.15	....	....	....	....	....	....	....	.02	....	.65	...	.06	.43	2.98
Booneville	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	.82	....	.08	.11	....	....	.03	....	....	....	....	....	....	....	....	....	.02	....	1.06
Brinkley ‖	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	.18	1.31	....	....	.22	....	....	....	....	....	....	.13	....	....	.48	2.77
Calico Rock ‖ ‖	White	T.	..	....	....	....	....	....	....	....	....	....	....	....	.47	....	....	.20	.09	....	T.	....	....	....	....	T.	....	....	.25	....	.34	.32	1.67
Camden ‖‖	Ouachita	....	....	....	....	....	....	....	....	....	.06	....	....	1.13	.96	.36	....	.12	.05	.03	....	.12	....	....	....	....	....	....	....	....	....	.50	3.33
Center Point	Red	....	....	....	....	T.	....	....	T.	T	.18	.20	T.	....	.50	....	.05	....	.45	....	T.	....	....	....	....	T.	T.	....	T.	....	.42	....	1.80
Clarendon ‖‖	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.43	.20	....	1.13	.62	T.	.12	.32	....	....	....	....	.28	....	.33	....	....	.95	4.38
Clinton	White	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	.16	....	....	.29	....	....	....	....	....	....	....	.20	....	....	.23	....	0.96
Conway	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	.27	....	.22	3.11	....	....	.37	....	....	....	....	1.27	....	1.61	....	....	....	....	6.85
Corning	White	....	....	....	....	....	....	....	....	....	....	....	.24	.46	....	....	.30	.19	....	....	....	....	....	....	....	....	....	.02	2.30	....	.12	....	3.63
Danville ‖	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	.90	....	.45	....	....	....	....	....	....	....	....	.60	....	....	.82	....	3.05
Dardanelle	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	....	....	1.00	1.07	....	....	.55	....	....	....	....	....	....	.37	....	....	....	3.52
Dodd City	White	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	.52	.10	....	....	....	....	....	....	.28	....	....	.55	....	.50	....	....	2.20
Dumas	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.15	2.45	.33	....	.28	1.40	T.	....	.06	....	....	....	.03	.15	....	.05	....	....	.50	5.40
Dutton	White	....	....	....	....	....	....	....	....	....	....	....	....	.53	....	....	1.80	....	....	....	.25	....	....	....	....	....	T.	.17	....	....	.01	....	2.76
Elaine	White	..	..	....	....	....	....	....	....	....	....	....	....	....	.96	....	....	2.40	....	....	1.60	....	....	....	1.75	T.	....	....	....	....	.86	....	7.57
El Dorado‖‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.36	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	*	1.60	....	2.36
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	.34	T.	.15	2.88	T.	....	.33	....	....	....	....	....	....	....	1.65	....	.89	....	6.24
Eureka Springs	White	T.	....	....	....	....	....	....	....	....	....	....	.47	T.	....	....	1.43	....	....	....	....	....	....	....	....	....	....	.61	....	....	.85	....	3.36
Evening Shade	White	....	....	....	....	....	....	....	....	....	....	....	....	1.33	.13	....	.90	.34	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	3.30
Fayetteville	White	....	....	....	....	....	....	....	....	....	....	....	.50	....	.45	.02	.75	....	....	....	....	....	....	....	....	.22	....	....	....	....	....	....	1.94
Fort Smith ***	Arkansas	T.	..	....	....	T.	....	....	....	....	....	....	....	.61	.84	.60	.82	.29	....	....	.20	....	..	....	.02	.01	....	....	T.	.02	....	3.41
Fulton ‖‖	Red	....	....	....	....	....	....	.18	....	....	.35	....	....	....	.24	....	.12	T.	....	....	....	T.	....	....	....	....	....	.40	....	....	....	.22	1.51
Georgetown ‖ ‖	White	..	..	....	....	....	....	....	.25	T.	....	....	....	....	.20	T.	....	T.	.55	T.	.40	....	....	....	....	....	....	....	1.40	....	....	1.12	3.92
Grannis	Red	....	....	..	....	....	....	....	....	....	.78	.90	1.70	.10	.21	....	....	.47	.05	....	.01	....	....	....	....	.18	.03	....	....	....	.17	....	4.60
Gravette	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	.44	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.44
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	.25	....	....	....	....	....	....	....	....	....	....	.06	....	....	....	....	0.33
Heber Springs	White	...	....	....	....	....	....	....	....	....	....	....	....	.11	.02	....	.10	.65	....	.08	....	....	....	....	....	....	....	.16	....	.25	....	....	1.37
Helena	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	.70	.62	....	.60	2.64	.04	.10	.01	....	....	....	....	1.34	....	.12	....	....	.06	6.23
Higden	White	....	....	....	....	....	....	....	....	....	.95	....	....	.95	.05	....	.35	....	...	.35	....	....	....	....	....	....	....	.25	....	.05	.36	....	2.36
Hope	Red	....	....	....	....	....	.08	....	....	.43	....	....	....	.98	.74	...	.03	.30	....	....	....	....	....	....	....	....	....	....	2.03	.30	....	....	4.89
Hot Springs	Ouachita	....	....	....	....	....	....	....	....	....	.02	....	T.	.01	.60	....	.24	4.75	.03	..	.61	....	....	....	....	.44	T.	....	.09	....	.31	T	7.10
Huttig	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.10	.30	.10	.20	....	....	.60	....	.70	....	....	....	....	....	....	....	....	....	.50	.25	2.75
Jonesboro	White	....	....	....	....	....	....	....	.24	....	....	....	....	.90	....	....	.01	.54	....	....	....	.06	....	....	....	....	....	T.	.38	....	.19	....	2.32
Little Rock ***	Arkansas	....	....	....	....	....	....	T.	....	.01	..	....	....	....	.44	T	.33	3.77	T.	....	.30	....	....	....	....	2.23	....	....	....	....	.36	....	7.86
Lutherville	Arkansas	....	....	....	....	....	....	....	....	....	....	....	.16	....	.30	....	.20	4.30	....	.20	....	....	....	....	....	.10	....	....	.04	....	.07	....	5.37
Magnolia	Red	..	..	....	....	....	.20	....	....	....	....	....	....	1.20	.40	....	....	....	.10	....	....	....	....	....	....	....	1.60	....	....	....	.90	.30	4.70
Malvern	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.27	.46	....	1.00	.18	....	....	.08	....	....	....	....	....	....	.27	....	....	....	2.26
Mammoth Spring	White	....	....	....	....	....	....	....	....	....	....	....	.04	.78	....	....	1.02	.05	....	.06	....	.05	....	....	....	....	....	....	.24	.25	....	.41	....	2.90
Marianna	Mississippi	....	....	....	....	....	....	....	.01	....	....	....	....	.23	1.40	....	.03	.61	.06	.04	.25	....	....	....	....	.65	....	....	....	....	.13	....	3.41
Marked Tree ‖‖	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	....	....	1.65	.92	....	....	.08	....	....	....	....	.05	....	.41	....	....	.25	3.81
Marshall	White	..	....	....	....	....	....	....	....	....	....	....	.02	T.	....	....	.60	.86	....	....	.08	....	....	....	....	....	....	.38	....	....	.82	....	2.76
Mena ‖‖	Ouachita	....	....	....	....	....	....	....	....	T.	.46	T.	....	....	.17	.06	.15	.17	.15	....	....	.14	....	....	....	....	....	T.	.15	....	....	.70	2.15
Morrillton	Arkansas	....	....	....	....	....	....	.20	....	.25	....	....	....	....	.52	....	.05	2.23	....	....	.23	....	....	....	....	.25	....	....	2.52	....	....	....	6.25
Mountain Home	White	....	....	....	....	....	....	....	....	....	....	....	....	.68	.10	....	.80	.35	....	....	....	....	....	....	....	.33	....	.43	....	....	1.23	....	3.92
Mount Ida	Ouachita	....	....	....	....	....	....	....	27	....	....	....	.63	....	.93	....	.21	.54	....	....	.45	....	....	....	....	....	....	....	....	....	1.20	....	4.23
Murfreesboro	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	.71	.66	.19	.15	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	2.31
Nail	White	....	....	....	....	....	....	....	....	....	....	....	....	T.	.10	T.	2.00	T.	T.	...	T.	....	....	....	....	....	....	.15	....	....	1.30	....	3.55
Newport ‖	White	....	....	....	....	....	.04	....	....	.84	....	....	....	....	.90	....	....	.40	.60	.90	.05	....	....	....	....	.04	....	.35	....	.42	.35	4.89
Osceola	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	1.33	....	....	.31	1.07	....	....	....	....	....	....	....	....	....	1.66	....	....	....	4.37
Ozark	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.23	.18	1.05	....	....	.08	....	....	....	....	.11	....	....	....	....	1.21	....	2.86
Patterson‖‖	White	....	....	....	....	....	....	....	....	....	....	....	....	....	1.85	.75	....	.95	.18	....	....	.75	....	....	....	....	....	....	.98	....	....	1.35	6.81
Pindall	White	..	....	....	....	....	....	....	....	.01	....	....	....	.20	.83	....	.91	.67	....	....	....	....	....	....	....	....	....	.52	....	....	.03	....	3.17
Pine Bluff ‖‖	Arkansas	....	....	....	....	....	....	....	.03	....	T.	....	....	....	.70	.40	..	.85	1.15	T.	....	.05	....	....	....	....	.04	....	.12	....	....	.07	3.41
Pocahontas	White	....	....	....	....	....	....	....	....	....	....	....	....	.95	....	....	....	1.55	....	....	....	....	....	....	....	....	....	.20	.70	....	.20	.70	4.30
Portland ‖	Ouachita	....	....	....	....	....	....	....	....	.61	....	....	....	....	.28	.15	....	....	.32	.08	....	....	....	....	....	....	....	....	....	....	....	.50	1.94
Prescott	Ouachita	....	....	....	....	....	....	T.	T.	....	T.	....	....	.47	.76	.49	T.	.10	.03	.02	....	.06	....	....	....	....	T.	..	1.52	....	....	.56	4.01
Princeton ‖‖	Ouachita	....	....	....	....	....	....	....	....	2.20	....	....	....	....	1.20	1.10	....	....	....	....	....	....	....	....	....	....	....	.80	....	....	.25	....	5.55
Rison	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	2.33	1.10	....	.53	....	....	....	....	....	....	....	....	....	....	....	....	1.97	.17	6.10
Rogers	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	.03	.65	....	....	....	....	....	....	....	....	.58	....	....	....	....	.42	....	1.68
Searcy	White	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	....
Snow Lake	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	.34	.04	....	....	1.20	.09	....	....	....	....	....	....	.29	....	....	....	....	3.80	....	5.76
Springbank ‖‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	.39	....	T.	....	....	....	....	....	....	....	....	....	....	T.	....	....	1.50	2.64
Stuttgart	Arkansas	..	..	....	....	....	....	....	....	....	....	....	....	....	T.	.42	.03	1.87	....	1.21	T.	....	....	....	....	.09	....	T.	1.06	....	.86	....	5.54
Subiaco	Arkansas	....	..	....	....	....	....	....	....	....	....	....	....	....	.55	.06	.06	.90	....	.03	.05	.03	....	....	....	.01	....	T.	.76	....	.01	....	2.46
Texarkana ‖	Red	....	....	....	....	....	....	T.	....	....	....	....	.67	....	....	....	.17	....	.23	....	....	....	....	....	....	....	....	....	.02	....	....	1.80	2.89
Waldron	Arkansas	....	....	....	....	....	....	....	T.	....	T.	....	....	....	.42	.11	.22	.73	....	....	.01	....	....	....	....	....	....	T.	T.	....	.12	....	1.61
Warren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.22	.80	.35	....	....	.40	T.	....	T.	....	....	....	....	....	....	....	.20	....	.28	....	2.25
Whitecliffs	Red	....	....	....	....	....	....	....	....	.23	....	....	....	....	....	....	.28	T.	....	....	....	....	....	....	....	....	....	....	.90	....	....	2.00	3.41
Wynne‖	Mississippi	....	....	....	....	....	....	....	T.	.02	....	....	....	....	.30	....	....	1.30	2.40	T.	.11	....	....	....	....	....	.21	....	.65	....	....	T.	4.99

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for July, 1923.

Stations	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.3	9.8	8.9	8.7	8.5	8.1	7.8	7.5	7.2	7.1	8.5	8.9	8.8	8.4	7.3	6.8	7.1	7.9	7.6	9.4	8.9	7.9	7.2	6.9	6.5	6.2	5.7	5.5	5.3	5.1	5.1
Dardanelle	do	20	8.5	8.1	8.1	7.8	7.2	7.2	7.1	6.5	6.1	6.1	5.8	6.2	7.4	7.5	7.0	6.4	7.3	6.3	6.3	6.4	7.4	7.9	6.8	6.8	6.2	5.6	5.2	4.9	4.7	4.3	3.8
Little Rock	do	23	9.3	8.3	7.7	7.4	7.3	6 7	6.4	6.1	5.8	5.3	5.1	4.8	4.7	5.6	6.8	6.4	6.5	6.5	6.8	5.4	5.5	5.5	6.7	6.5	5.4	4.6	4.3	4.7	4.5	4.1	3.5
Pine Bluff	do	25	15.0	14.0	13.2	12.4	12.2	12.0	11.5	11.2	11.0	10 7	10.3	10.0	9.8	9.9	10.7	11.1	11.1	10.9	11.0	11.2	10.7	10.5	10.8	11.5	10.9	10.2	9.7	9.4	9.9	9.8	9.3
Black Rock	White	14	8.2	7.7	7.0	6.7	6.5	6.5	6.5	6.3	5.9	5.6	5.3	5.0	5.0	5.0	5.0	5.0	5.2	5.6	5.1	5.0	5.0	5.0	4.7	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.7
Calico Rock	White	18	3.2	3.1	2.8	2.4	2 4	2.0	2.0	1.7	1.6	1.7	1.2	1.2	1.2	2.2	2.0	1.8	2.3	2.9	3.3	2.8	2.0	1.8	1.7	1.5	1.3	1.7	1.2	1.2	0.9	1.0	1.2
Batesville	do	23	8.7	8.9	8.7	8.3	8.1	8.0	7.3	7.3	7.1	6.9	6.9	6.5	6.3	6.6	8.0	7.3	7.5	8.8	9.4	8.9	8.4	7.4	7.1	7.0	6.7	6.5	6.7	6.4	6.3	6.1	6.3
Newport	do	26	8.5	8.1	7.6	7.4	7.1	6.7	6.4	6.1	5.9	5.8	5.7	5.4	5.3	5.3	5.8	6.2	6.5	6.9	7.8	8.1	7.4	6.2	5.5	5.3	5.1	5.0	4.9	4.9	4.7	4.4	4.4
Georgetown	do	22	16.6	15.6	14.6	13.6	12.6	11.6	10.8	9.8	9.6	8.8	8.0	7.4	7.6	6.8	6.4	6.4	6.8	7.0	6.9	7.0	7.4	7.8	7.6	7.2	6.6	6.2	5.8	5.6	5.4	5.2	5.0
Clarendon	do	30	26.2	25.8	25.2	24.7	24.1	23.4	22 8	21.9	20.9	19.9	18.9	17.9	16.9	16.0	15.2	14.5	14.1	14.4	14.6	14.6	14.8	14.9	15.0	15.0	14.7	14.3	13.8	13.3	12.8	12.5	12.4
Helena	Mississippi	42	24.1	22.3	20.7	19.7	19.3	19.4	19.9	20.3	20.6	21.1	21.6	21.9	21.6	21.4	21.1	20.7	20.3	19.8	19.0	18 4	18.0	18.0	18.1	18.1	17.8	17.3	16.6	15.8	15.0	14.3	13.8
Arkansas City	do	48	39.5	38.0	36.0	34.0	32.2	30.8	29.8	29.1	28.6	28.2	28.0	27.8	27.5	27.1	26.8	26.5	26.0	25.6	25.0	24.4	23 7	23.2	22.7	22.5	22.4	22.4	22.2	21.8	20.2	19.3	19.4
Camden	Ouachita	49	6.5	6.4	6.4	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5 6	5.6	5.6	5.6	5.7	5.8	6.0	6.2	6.5	6.5	6.4	6.6	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.1	6.1
Danville	Petit Jean	20	3.1	3.1	3.1	2.8	2.4	2 2	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.8	2.0	1.9	2.5	2.8	2.8	2.5	2.3	2.1	2.1	2.5	2.1	2.0	2.0	2.1	1.9	1.7	1.9
Fulton	Red	28	11.8	11.2	10.8	10.3	10.1	9.9	9.9	9.8	9.5	9.3	9.0	8.9	8.8	8.6	8.6	8.5	8.4	8.3	8.1	8.1	8.0	8.0	7.9	7.8	7.6	7.5	7.5	7.5	7.4	7.4	7.5
Arkadelphia	Ouachita	18	0.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.2	2.6	1.9	1.7	1.0	0.9	0.7	0.5	0.4	0.2	0.0	0.0	0.0
Patterson	Cache	9	6.8	6.5	6.3	6.1	5.9	5.4	5.0	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	5.3	5.3	5.4	5.1	4.9	4.7	4.7	4.7	4.7	4 7	4.7	4.7	4.6	4.6	4.6	4.6

Daily Temperatures for July, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	81	82	90	90	92	91	94	95	95	94	95	98	83	89	89	87	87	87	91	87	90	90	94	99	90	92	86	85	89	86	87	89.6
	Minimum	56	57	59	62	63	66	66	68	73	69	66	69	73	72	71	75	72	72	67	69	67	67	69	70	73	71	70	70	63	67	69	67.8
Bee Branch	Maximum	....	....	....	91	93	97	98	102	96	99	100	103	100	91	93	93	84	84	90	87	92	96	97	101	97	98	92	88	87	90	90	93.9
	Minimum	....	....	....	61	63	63	63	65	71	69	65	68	69	72	71	73	67	67	66	65	61	63	65	68	73	71	68	65	60	65	68	66.6
Bentonville	Maximum	78	84	87	88	90	90	89	91	92	92	93	94	87	90	94	83	84	84	88	88	87	88	92	98	95	90	88	87	89	93	91	89.2
	Minimum	59	60	64	66	68	70	66	68	69	70	70	70	73	69	70	70	70	70	68	67	64	65	67	71	73	72	68	62	62	67	64	67.5
Booneville	Maximum	79	84	90	92	91	92	93	96	98	96	97	99	90	93	94	89	89	84	90	84	90	93	96	101	100	94	96	92	95	99	98	92.7
	Minimum	60	66	66	68	70	66	70	72	72	74	76	73	75	70	74	74	74	73	70	70	64	68	70	76	76	76	74	68	70	72	66	70.7
Brinkley	Maximum	84	89	93	95	94	94	94	97	95	96	95	97	93	90	91	98	83	88	91	85	89	94	95	99	97	97	91	89	92	85	91	92.3
	Minimum	55	57	67	68	70	69	69	73	72	74	72	73	74	72	71	80	90	89	94	90	91	92	96	102	93	94	88	88	83	90	90	91.8
Calico Rock§§	Maximum	82	87	93	91	94	93	94	98	96	96	97	100	86	91	91	86	90	89	94	90	91	92	96	102	93	94	88	88	83	90	90	91.8
	Minimum	57	59	61	63	62	67	66	68	70	68	67	69	72	72	73	75	73	72	69	70	69	67	69	69	73	71	70	68	65	67	68	68.0
Camden§§	Maximum	85	89	91	91	92	90	92	91	97	94	95	95	96	83	90	85	83	82	87	82	89	92	95	98	102	91	91	89	92	88	93	90.6
	Minimum	55	59	61	66	67	67	66	67	70	71	70	70	72	72	72	74	73	72	68	69	63	65	68	72	75	75	71	72	64	67	68	68.4
Center Point	Maximum	83	87	89	89	92	90	90	93	96	94	94	95	96	86	91	85	83	83	86	85	89	92	96	100	98	93	95	92	93	92	95	91.0
	Minimum	61	64	65	68	70	69	68	69	73	70	72	71	70	73	73	74	73	73	70	68	63	66	69	71	74	75	75	72	67	70	70	69.9
Conway	Maximum	81	87	90	90	92	91	92	97	97	93	95	97	91	89	89	87	85	85	88	87	88	92	94	98	95	89	87	89	89	87	88	90.3
	Minimum	57	60	63	67	68	61	68	70	76	72	70	72	71	72	75	75	73	73	70	71	66	67	71	72	70	71	71	70	67	71	70	69.4
Corning	Maximum	81	88	92	94	91	94	96	97	95	94	98	97	85	91	94	83	83	90	93	92	91	93	94	100	97	94	85	88	90	88	92	91.6
	Minimum	66	58	60	63	67	67	67	70	68	67	69	70	70	69	71	65	68	67	67	63	65	66	70	70	73	68	66	69	63	69	63	66.9
Dardanelle	Maximum	80	87	89	90	93	91	92	96	98	93	95	97	91	92	88	89	86	83	89	86	87	92	95	100	98	88	91	90	89	88	89	90.7
	Minimum	61	62	66	69	68	73	70	71	70	73	71	74	74	72	77	76	75	75	75	63	69	68	69	76	77	74	73	71	72	72	69	71.1
Dodd City	Maximum	70	83	89	84	86	87	86	91	95	95	96	87	87	85	93	85	83	86	80	81	88	91	95	97	87	81	84	83	82	81	89	86.7
	Minimum	54	55	59	62	64	66	62	64	66	65	64	66	68	68	68	69	69	68	62	63	65	64	64	67	70	69	69	62	62	62	66	64.5
Dumas	Maximum	82	88	92	93	94	90	93	95	95	92	97	98	95	82	92	88	82	82	90	82	88	90	92	97	99	92	93	85	90	94	87	90.6
	Minimum	57	60	63	67	70	68	70	70	70	74	71	74	74	72	72	75	73	73	67	72	64	67	72	72	76	73	71	74	65	68	65	69.6
Dutton	Maximum	79	84	84	85	88	96	90	92	92	79	86	86	84	89	92	79	85	84	87	90	....	....	....	90	95	97	97	94	89	89	91	93	88.5
	Minimum	54	53	55	58	61	62	58	59	60	63	63	63	66	60	68	68	67	64	59	62	....	....	59	63	66	65	63	55	59	63	70	61.6
England	Maximum	84	....	92	93	94	92	92	96	97	94	91	97	94	89	91	87	80	84	90	89	99	92	97	97	94	91	88	87	88	88	91	91.0
	Minimum	56	....	59	67	68	67	68	70	74	73	68	72	72	73	72	74	70	71	69	69	64	68	71	71	76	73	71	70	66	68	68	69.3
Eureka Springs	Maximum	80	85	87	89	90	90	91	94	94	94	96	94	88	92	95	90	86	86	91	89	87	90	92	97	96	93	89	88	90	91	91	90.5
	Minimum	55	57	64	67	68	70	67	67	69	69	70	71	70	68	69	68	70	70	65	67	64	65	66	75	73	69	72	60	63	64	64	67.0
Evening Shade	Maximum	81	82	83	90	92	93	95	97	96	95	96	98	87	90	....	90	85	88	92	89	90	92	95	98	96	91	85	86	....	91	90	90.8
	Minimum	55	56	58	61	65	65	65	69	70	67	65	67	69	70	....	69	69	70	66	67	65	66	69	68	70	70	68	67	....	60	67	66.0
Fayetteville	Maximum	85	82	89	88	89	89	93	94	94	94	92	95	90	91	93	85	84	89	90	87	89	91	92	98	97	94	88	89	89	96	97	90.7
	Minimum	60	58	61	65	68	70	68	66	68	69	72	70	71	69	71	69	70	69	65	67	62	65	63	73	73	72	75	61	63	70	64	67.3
Fort Smith	Maximum	81	87	91	92	94	92	92	95	98	96	97	100	94	93	96	83	90	85	90	88	88	93	96	101	101	93	97	91	93	95	96	92.8
	Minimum	63	66	67	70	72	73	73	75	74	77	76	74	71	71	73	74	75	74	73	66	67	70	71	75	79	77	77	70	69	73	70	72.1
Grannis	Maximum	84	87	90	90	90	90	89	93	94	95	94	93	90	86	91	85	85	85	85	85	86	89	95	97	99	93	92	91	92	93	98	90.5
	Minimum	55	59	62	62	62	65	64	64	68	70	68	64	66	70	71	71	71	70	67	65	60	63	65	67	68	70	73	66	62	61	79	66.2
Gravette	Maximum	76	80	81	86	86	89	89	89	92	93	90	92	87	88	88	85	83	86	85	85	86	90	92	99	96	93	94	86	90	95	97	88.6
	Minimum	59	60	62	65	65	69	65	66	67	68	69	70	71	67	71	70	69	68	65	65	61	61	63	70	71	71	75	55	59	65	60	65.9
Harrison	Maximum	82	92	93	96	96	95	97	95	99	95	97	95	94	90	95	90	88	92	89	92	93	92	94	98	96	92	88	82	92	92	90	92.5
	Minimum	60	52	56	59	58	54	55	62	62	61	63	61	77	77	78	77	77	78	63	79	65	69	64	83	76	78	64	63	67	62	62	66.5
Hope	Maximum	88	95	95	93	94	93	96	97	98	99	98	97	99	86	92	93	88	83	88	89	93	98	99	105	100	97	98	96	....	93	98	94.6
	Minimum	57	63	64	68	68	67	67	67	72	73	73	71	72	73	74	76	75	71	70	70	70	70	72	75	76	76	76	71	..	68	69	70.5
Hot Springs	Maximum	84	89	91	91	93	91	93	94	98	94	95	96	91	85	90	86	84	79	86	83	88	90	93	97	97	91	89	89	88	89	89	90.1
	Minimum	55	59	63	65	68	68	67	69	71	68	71	70	69	71	74	74	74	71	69	66	61	64	67	71	70	72	73	71	64	68	66	68.0
Huttig	Maximum	91	88	90	93	92	94	92	92	98	100	96	98	99	80	92	93	90	85	88	87	90	94	95	103	102	99	95	92	94	94	92	93.1
	Minimum	60	72	74	64	70	69	69	69	72	74	71	71	73	71	74	74	76	74	66	66	63	67	70	72	72	76	72	76	72	76	70	70.3
Jonesboro	Maximum	80	87	92	93	95	96	98	99	92	95	98	99	91	91	93	88	82	85	90	89	90	93	94	100	94	93	89	86	94	87	91	91.7
	Minimum	56	62	63	66	68	70	70	74	72	70	72	75	72	71	73	75	70	69	70	69	66	70	74	74	77	72	68	71	64	70	67	69.7
Junction	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Rock	Maximum	81	88	89	90	92	92	90	95	96	93	95	96	91	85	90	84	77	82	87	83	87	90	94	98	91	90	86	86	86	83	87	88.8
	Minimum	61	65	68	70	73	72	72	73	76	75	74	74	73	73	73	75	71	70	72	65	65	70	73	75	69	74	70	72	70	71	69	71.1
Lutherville	Maximum	79	85	89	87	91	91	92	95	94	92	94	95	91	85	89	84	85	82	87	83	85	87	90	93	92	89	98	86	91	88	91	88.8
	Minimum	58	62	64	67	70	69	69	70	71	73	73	73	73	70	73	73	72	70	72	68	65	67	69	73	75	74	73	68	67	71	70	69.7
Magnolia	Maximum	85	88	89	90	92	93	91	93	99	98	100	....	102	86	92	85	93	89	89	88	92	93	95	99	100	96	92	90	93	90	95	92.6
	Minimum	60	64	65	63	60	64	71	72	78	73	71	....	71	72	74	76	74	74	68	62	67	69	70	74	71	71	72	73	68	71	84	70.2
Malvern	Maximum	86	91	94	94	94	93	96	97	101	96	97	99	96	87	93	86	81	83	88	86	90	95	96	101	100	95	92	91	91	87	91	92.4
	Minimum	55	59	62	61	68	66	68	69	71	70	71	70	70	72	74	75	73	72	69	61	62	64	68	70	73	.73	7:	71	68	68	69	68.2
Mammoth Spring	Maximum	81	88	91	91	94	94	95	100	96	95	97	98	82	92	92	86	86	91	92	91	92	98	98	101	94	94	86	89	92	92	91	92.2
	Minimum	59	60	59	62	66	66	65	67	71	67	66	68	71	71	71	76	71	72	67	67	68	67	68	68	77	76	6:	68	67	72	67	67.7
Marianna	Maximum	88	90	90	91	92	90	93	95	95	93	92	91	89	87	85	88	83	85	87	83	90	91	93	97	93	90	87	88	87	86	90	89.6
	Minimum	62	58	64	67	70	70	71	73	74	73	73	73	74	70	72	73	72	71	71	72	74	72	66	74	71	71	70	70	71	67	67	70.2
Marked Tree §§	Maximum	88	92	93	94	93	96	96	94	93	96	96	94	93	91	90	91	72	87	90	89	88	92	92	97	92	92	87	84	90	82	99	90.4
	Minimum	59	64	68	70	72	71	72	73	71	71	74	75	72	73	74	71	70	70	70	66	68	73	74	75	71	67	71	66	68	68	70	70.2
Marshall	Maximum	78	79	89	88	93	92	94	92	90	89	91	93	90	88	92	84	81	83	86	83	87	84	89	97	88	93	87	83	88	88	86	87.9
	Minimum	58	60	64	68	72	72	72	69	72	71	72	74	72	74	74	73	72	70	71	67	67	67	68	74	77	73	74	65	66	69	68	69.8
Mena	Maximum	85	83	92	91	94	94	96	96	98	97	94	94	93	91	93	86	84	80	89	80	90	91	98	103	101	95	99	92	96	97	100	92.6
	Minimum	58	59	62	64	68	67	65	66	72	71	69	67	69	69	72	73	72	71	70	66	61	64	66	71	73	74	72	68	71	73	70	67.7
Mt. Home	Maximum	77	85	88	79	79	76	94	92	93	94	95	97	85	89	93	85	84	86	82	88	....	92	95	95	90	92	86	88	92	90	92	88.4
	Minimum	54	57	58	61	66	64	62	66	70	66	65	66	67	70	69	68	68	68	65	65	....	65	64	67	70	69	67	62	60	63	67	65.0
Mount Ida	Maximum	84	86	92	92	93	91	94	96	99	96	96	96	92	90	93	82	88	80	88	86	89	92	97	102	99	93	96	92	93	97	95	92.2
	Minimum	54	57	58	60	64	67	65	66	69	69	68	68	67	71	70	71	73	71	66	64	61	64	64	68	70	72	7:	61	64	65	64	65.9
Nail	Maximum	78	79	78	79	83	85	85	90	92	90	90	92	90	86	86	82	86	85	83	81	83	84	93	95	92	93	92	92	90	84	92	86.8
	Minimum	55	60	60	62	62	65	67	69	70	71	70	70	69	68	67	65	68	65	67	60	70	69	70	73	72	73	71	70	69	60	65	66.8
Newport	Maximum	85	89	94	95	93	96	99	100	95	95	98	100	91	92	93	86	83	91	86	86	90	94	96	101	96	94	88	90	91	90	90	92.5
	Minimum	60	63	65	78	70	71	71	74	75	73	73	75	76	73	75	77	74	70	72	71	69	70	74	74	79	74	72	71	66	69	71	71.8
Osceola	Maximum	83	89	91	96	94	95	97	99	97	92	97	98	86	90	99	91	83	90	92	90	89	92	94	99	96	93	91	89	89	95	91	92.5
	Minimum	50	60	62	66	70	71	70	73	70	70	73	71	71	71	72	75	70	68	71	68	66	68	69	71	71	71	67	70	66	69	69	68.7
Ozark	Maximum	85	90	91	92	93	93	....	....	....	....	....	....	....	94	95	85	88	86	91	86	90	93	95	100	99	94	94	92	94	95	93	92.0
	Minimum	61	74	73	70	69	70	....	....	....	....	....	....	....	73	74	75	74	71	73	70	69	66	68	72	76	75	67	67	68	67	70	70.5
Pine Bluff	Maximum	84	90	92	91	94	91	94	96	99	94	97	97	95	88	92	88	82	80	90	86	90	94	95	100	97	92	90	90	91	93	91	91.7
	Minimum	59	61	64	67	70	68	69	71	74	73	70	73	74	73	73	75	75	73	68	71	64	66	72	72	77	73	71	74	65	67	67	70.0
Pocahontas	Maximum	81	89	90	92	91	93	96	99	99	96	96	99	91	93	91	90	84	90	94	91	91	94	94	99	98	95	89	91	91	89	91	92.5
	Minimum	58	60	61	64	68	68	68	72	72	70	70	72	72	71	73	75	70	69	72	69	67	69	72	73	78	79	70	70	63	69	65	69.3
Portland	Maximum	85	89	89	93	92	90	92	90	97	91	94	99	99	80	92	91	85	84	89	86	90	93	93	99	100	90	93	90	91	95	88	91.3
	Minimum	55	64	65	70	70	68	68	70	72	71	71	70	73	71	74	75	74	72	65	66	64	67	70	71	74	73	70	77	63	69	66	69.3
Prescott	Maximum	85	90	93	92	93	92	93	93	99	97	97	98	97	88	93	87	85	84	88	85	88	93	95	100	102	94	96	96	92	91	95	92.6
	Minimum	57	63	64	62	68	68	67	68	72	73	72	70	72	72	73	75	74	73	70	70	64	67	69	73	74	74	74	70	67	70	69	69.5
Pison	Maximum	85	89	93	92	92	90	93	94	98	94	95	100	96	84	92	86	81	81	89	84	90	91	93	98	97	91	89	86	91	90	89	90.7
	Minimum	57	62	64	68	70	68	68	69	72	69	70	73	75	71	73	74	72	72	71	71	65	67	72	73	75	73	73	73	65	60	65	69.4
Rogers	Maximum	80	84	87	90	89	89	89	93	96	93	95	95	87	93	95	83	84	89	89	98	90	95	98	96	94	89	87	92	92	92	90	90.5
	Minimum	48	49	60	63	64	69	64	65	67	65	65	66	61	64	68	69	70	69	65	66	62	63	64	67	71	72	74	61	59	65	64	64.5
Snow Lake§§	Maximum	90	89	91	92	92	90	94	96	95	96	95	96	84	88	87	88	82	85	84	91	90	92	97	97	90	91	90	90	88	88	88	90.5
	Minimum	69	70	69	70	70	71	71	70	72	72	70	75	72	72	72	72	71	67	66	63	70	70	70	75	70	69	70	71	64	66	69	69.9
Stuttgart	Maximum	81	86	89	89	90	88	91	94	93	91	93	95	92	88	88	86	81	84	89	81	89	91	93	97	94	90	87	85	86	84	89	88.8
	Minimum	58	62	66	70	70	70	76	71	75	74	77	73	74	74	73	75	70	72	70	70	65	68	72	72	76	72	71	71	66	68	66	70.5
Subiaco	Maximum	83	89	93	92	96	....	95	96	97	101	98	100	102	95	94	90	92	85	93	87	91	95	98	102	99	96	97	92	93	97	97	94.5
	Minimum	59	63	64	67	72	....	70	69	70	74	72	72	71	71	74	75	74	73	70	70	65	67	68	71	76	74	76	78	66	71	66	70.3
Texarkana	Maximum	90	93	95	93	94	93	94	95	98	101	97	98	98	88	92	86	88	90	94	88	92	98	97	104	105	97	95	97	100	98	101	95.1
	Minimum	59	63	63	70	70	70	69	71	71	77	73	72	74	75	76	76	76	74	71	68	64	64	70	75	75	77	75	74	68	75	69	71.1
Warren	Maximum	88	92	95	94	95	93	95	95	100	95	96	100	96	96	93	89	85	82	89	79	92	96	97	103	101	95	92	91	94	92	91	93.2
	Minimum	57	60	64	70	71	68	69	71	74	73	71	75	77	72	74	76	72	74	67	71	65	67	72	75	79	75	74	75	66	70	66	70.6
Wynne	Maximum	85	90	92	95	93	95	96	99	95	94	96	98	86	86	90	88	80	87	90	86	90	93	93	97	89	92	87	88	90	96	87	91.1
	Minimum	56	62	63	67	70	71	69	71	74	72	72	72	74	72	72	76	72	70	71	71	66	69	73	73	76	73	70	72	68	70	68	70.1

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, Ark., AUGUST, 1923. No. 8.

GENERAL SUMMARY.

The outstanding characteristics of Arkansas' weather during August, 1923, were the positive temperature and the negative precipitation departures; all stations recording monthly mean temperatures normal or above, and all except five total precipitations below normal. Temperatures were normal or above in most sections from the 1st to the 16th or 17th. On the 22d a cool wave began overspreading the State, temperatures below normal being recorded for five or six days. During this period unseasonably cool weather prevailed in all sections. Day temperatures of 100° or higher were recorded at most northern and western stations during the first half of the month, but at most stations in the southeastern fourth of the State the temperature did not reach 100°. The precipitation was mostly of the local shower type and was insufficient for agricultural needs in some western and northern counties. The number of days with 0.01 inch or more precipitation has been less in but one previous August.

High day temperatures and abundant sunshine held boll weevil and worm activity in check early in the month and cotton made satisfactory growth, however in some sections worms later did serious damage, fields being stripped of leaves and fruit. Early corn was hurt by the dry weather but late corn was uninjured except in a few isolated sections where it was too dry. Rice, meadows, potatoes, and all minor crops made satisfactory growth and were in good condition at the close of the month.

W. C. H.

TEMPERATURE.

The mean temperature for the State of Arkansas, as determined from the records of 54 stations, was 81.9° which is 2.5° above normal. All sections of the State showed positive departures, the greatest being in northern and western counties. The highest monthly mean was 85.4° at Booneville and Subiaco; the lowest 77.6° at Dutton. The highest temperature recorded was 109° at Booneville and Subiaco on the 4th and later dates. The lowest recorded was 54° at Dutton on the 24th. The lowest occurred about the 24th throughout the State, the highest on different dates. The greatest daily range was 41° at Dutton and Eureka Springs on the 29th.

PRECIPITATION.

The average precipitation for the month of August, as determined from the records of 77 stations, was 2.42 inches which is two thirds of the normal amount. Monthly totals ranged from ~~none at Fayetteville and~~ a trace at Mena to 7.68 inches at Heber Springs. Practically all sections showed negative departures. The greatest amount measured in 24 consecutive hours was 4.00 inches at Arlberg on the 22d. The average number of rainy days was 4.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement mlies.	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	29.98	30.17	23	29.68	1	3,147	15	sw.	21	.....	.....	70
Fort Smith...	29.94	30.14	30	29.72	1	4,512	25	se.	5	76	46	77
Little Rock	29.97	30.16	30	29.79	2	4,774	50	nw.	17	88	66	76
Memphis....	29.99	30.13	11	29.80	2	4,764	32	nw.	9	85	70	60

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 1st, 2; 2d, 4; 3d, 2; 5th, 9; 6th, 1; 7th, 13; 8th, 14; 9th, 11; 10th, 10; 11th, 4; 12th, 3; 13th, 7; 14th 7; 15th, 2; 16th, 1; 17th, 8; 18th, 1; 19th, 1; 21st, 6; 22d, 14; 23d, 4; 27th, 1; 28th, 2; 29th, 1; 31st, 2.

Solar Halos:– 6th, 1.

Dense Fog:– 1st, 1.

Year.	Temperature.				Precipitation.		Number of days.			
	Mnthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
Means and Extremes.	79.4		115	39	3.83		15	10	6	7
1891.....	76.4	−3.0	108	39	2.75	−1.08	21	8	2	5
1892.....	78.3	−1.1	106	40	4.39	+0.56	13	11	7	9
1893.....	77.3	−2.1	102	48	3.08	−0.75	18	9	4	5
1894.....	78.1	−1.3	104	48	4.63	+0.80	12	11	8	8
1895.....	79.4	0.0	102	55	2.64	−1.19	18	9	4	4
1896.....	82.6	+3.2	112	48	2.32	−1.51	17	9	5	5
1897.....	79.6	+0.2	111	45	2.59	−1.24	17	10	4	5
1898.....	79.4	0.0	108	54	4.35	+0.52	13	13	5	7
1899.....	82.2	+2.8	112	54	2.04	−1.79	19	9	3	4
1900.....	81.1	+1.7	108	57	2.95	−0.88	16	12	3	5
1901.....	80.5	+1.1	109	52	2.95	−0.88	14	13	4	6
1902.....	80.7	+1.3	108	51	2.55	−1.28	19	9	3	4
1903.....	78.7	−0.7	105	47	4.34	+0.51	15	12	4	8
1904.....	78.1	−1.3	105	46	2.81	−1.02	16	12	3	6
1905.....	79.1	−0.3	103	51	3.73	−0.10	18	10	3	6
1906.....	77.9	−1.5	100	42	4.92	+1.09	14	10	7	10
1907.....	82.0	+2.6	113	54	2.92	−0.91	16	10	5	6
1908.....	79.3	−0.1	103	52	4.48	+0.65	15	10	6	8
1909.....	82.4	+3.0	111	47	1.27	−2.56	20	8	3	4
1910.....	79.2	−0.2	104	43	3.92	+0.09	13	12	6	8
1911.....	78.0	−1.4	107	45	8.19	+4.36	11	11	9	12
1912.....	78.7	−0.7	105	45	3.30	−0.53	15	10	6	7
1913.....	82.1	+2.7	107	46	1.62	−2.21	20	10	1	3
1914.....	78.5	−0.9	104	57	6.81	+2.98	8	11	12	12
1915.....	74.7	−4.7	102	40	10.44	+6.61	9	9	13	11
1916.....	81.8	+2.4	107	46	2.63	−1.20	17	9	5	5
1917.....	77.1	−2.3	104	43	4.10	+0.27	16	7	8	8
1918.....	82.9	+3.5	115	52	3.90	+0.07	15	9	7	7
1919.....	80.6	+1.2	113	55	4.29	+0.46	16	8	7	7
1920.....	76.8	−2.6	102	46	4.08	+0.25	13	9	9	8
1921.....	81.5	+2.1	106	56	5.46	+1.63	15	9	7	8
1922.....	80.4	+1.0	111	51	1.90	−1.93	18	8	5	5
1923.....	81.9	+2.5	109	49	2.43	−1.40	18	8	5	4

*Based on 30 years record.

Climatological Data for August, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	81.8	+ 2.1	104	16	56	24	35	1.23	- 3.06	0.53	0	3	15	16	0	s.	James Dillard.
Arkadelphia	Clark	186	27	.....	.....	.....	.....	.....	.....	.....	2.05	−2.68	1.10	0	2	13	0	18	s.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	....	.....	.....	.....	.....	.....	2.33	−1.60	1.25	0	6	15	9	7	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	4.70	.....	4.00	0	4	16	10	5	ne.	J. D. Reeves.
Batesville	Independence	277	24	.....	.....	.....	.....	57[b]	24†	.....	6.99	+2.68	2.98	0	7	21	2	8	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	1303	31	79.5	+ 0.3	104	15†	52	24	34	3.78	+0.01	1.60	0	7	18	9	4	sw.	J. E. Scanlan.
Bentonville	Benton	259	17	80.7	+ 4.2	104	14	55	24	35	0.71	-3.33	0.56	0	3	17	11	3	sw.	U. S. Weather Bureau
Black Rock	Lawrence	600	21	.....	.....	.....	.....	.....	.....	.....	4.36	−0.10	2.48	0	6	20	5	6	.....	Vernon C. Howe.
Booneville	Logan	205	9	85.4	.....	109	4	60	24	33	3.30	.....	1.96	0	6	22	6	3	s.	Supt. Tuberculosis Sa
Brinkley	Monroe		41	82.2	+ 2.4	102	17	56	24	32	3.77	+0.25	1.40	0	6	19	7	5	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	82.6[b]	.....	106	4	59[d]	24	36[d]	2.49	−3.14	1.29	0	8	13	16	2	sw.	W. J. Copp.
Camden	Ouachita	158	37	81.8	+ 1.5	103	17	57	24†	34	3.37	+0.19	2.95	0	3	15	9	7	sw.	A. B. Quarterman.
Centerpoint	Howard	470	24	83.0	+ 1.1	102	4†	60	24	30	1.46	−1.89	0.50	0	4	18	10	3	se.	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.. .	.....	4.51	−0.47	1.45	0	9	15	5	11	s.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	4.44	.....	2.88	0	8	19	8	4	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	39	84.3	+ 4.5	99	13†	65	23†	26	1.40	-2.28	1.40	0	1	16	12	3	s.	E. E. Cordrey.
Corning	Clay	293	23	80.2	+ 2.1	100	4†	51	24	35	2.50	−1.00	1.36	0	6	17	9	5	s.	Rev. N. E. Skinner.
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	2.91	.....	1 75	0	3	24	0	7	s.	C. P. Evans.
Dardanelle	Yell	330	37	82.8	+ 3.3	102	15	59	24	29	1.87	-1.95	0.97	0	2	22	1	8	w.	J. D. Riley.
Dodd City	Marion	1175	41	77.8	0.0	101	14	52	29	36	2.93	−1.71	1.46	0	5	15	14	2	s.	Neal Dodd.
Dumas	Desha	162	16	81.2	+ 0.4	100	17	54	24	27	1.42	−2.41	0.67	0	7	9	19	3	sw.	Ben Johnson.
Dutton	Madison	1590	21	77.6	+ 2.7	102	14†	49	24†	41	1.66	−2.72	1.45	0	2	22	8	1	s.	J. M. Ricketts.
El Dorado	Union	270	23	82.8	+ 2.9	103	17	58	24	30	4.16	+0.30	1.25	0	6	8	16	7	sw.	J. J. Babb.
England	Lonoke	229	16	81.2[a]	+ 1.2	99[a]	4†	56[a]	24	35[a]	1.97	-3.03	0.90	0	6	17[a]	5[a]	8[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	82.7	- 5.0	105	14†	53	23	41	0.28	- 4.76	0.28	0	3	16[a]	10[a]	4[a]	s.	Geo. W. Nicholds.
Evening Shade	Sharp		21	79.8[b]	.....	100[a]	5†	52[b]	24†	40[b]	2.77	.....	1.76	0	2	.....	.....	.....	s.	C. C. Price.
Fayetteville	Washington	1451	37	83.0	+ 5.8	105	14	55	23	36	1.62	−2.56	1.22	0	3	14	13	4	sw.	University of Arkans
Fort Smith	Sebastian	481	41	84.6	+ 5.2	107	4	62	24	29	0.29	−3.27	0.25	0	3	13	10	8	e.	U. S. Weather Bure
Fulton	Hempstead	269	37	.....	.....	.....	.....	.....	.....	.....	0.99	−1.72	0.57	0	3	13	10	8	.....	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	1.91	.....	1.24	0	5	20	3	8	e.	Arthur Lentz.
Grannis	Polk	900	5	79.8	.....	102	2†	59	25	33	4.45	.....	1.65	0	8	21	5	5	e.	W. E. Mc Vay.
Gravette	Benton	1250	25	81.4	+ 4.2	105	14	53	24†	37	0.18	−3.41	0 18	0	1	21	7	3	sw.	A. F. Stevens.
Harrison	Boone	1052	2	83.2	+ 7.8	105	14	50	30	39	1.62	−2.10	1.50	0	2	23	8	0	sw.	A. C. Books.
Heber Springs	Cleburne	485	2	. ...	.....	.....	.....	.....	.....	.....	7.68	.....	3.80	0	.....	.....	.....	.....	.....	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	1.72	−2.11	0.80	0	9	12	4	15	.....	James A. Burnett.
Higden	Cleburne	445	5	.....	.....	.....	.....	.....	.....	.....	5.57	.....	3.00	0	7	22	8	1	sw.	J. A. Ingram.
Hope	Hempstead	377	51	83.6	+ 4.1	103	13	58	24	33	0.86	−2.59	0.59	0	5	20	10	1	s.	N. P. O' Neal.
Hot Springs	Garland	600	30	81.4	+ 1.9	101	15	56	24	32	1 30	−2.55	0.64	0	8	21	7	3	.....	P. P. Patraw.
Huttig	Union	175	16	83.4	+ 2.6	101	15	56	25	34	1.80	−2.17	0.90	0	3	21	7	3	se.	J. L. Collett.
Jonesboro	Craighead	345	28	82.0	+ 2.3	103	13	56	24	32	2.99	−0.80	2.17	0	8	24	4	3	sw.	Benedictine Sisters.
Junction	Union	182	30	82.8	+ 2.4	105	14	56	24	32	1.61	−1.78	0.76	0	3	22	6	3	sw.	J. A. Lowderback.
Lambrook	Phillips	155	1	.....	.....	.....	.....	.....	.....	.....	2 46	.....	1.70	0	4	21	0	10	.....	G. A. Newton.
Little Rock	Johnson	286	44	81.5	+ 1.7	98	17	61	24	29	2.55	−1.16	1.45	0	8	16	8	7	s.	U. S. Weather Bure
Lutherville. ††	Columbia	775	26	81.9	+ 3.4	101	13†	59	24	29	0.86	−3.59	0.86	0	1	22	5	4	e.	H. Kauffeld.
Magnolia	Hot Springs	315	5	.....	.....	105	4	.....	.....	.....	2.60	.....	1.60	0	3	24[a]	4[a]	2[a]	se.	State Agri. School
Malvern	Fulton	277	40	82.8	+ 3.2	105	17	55	24	39	0.96	−2.50	0.43	0	6	19	11	1	w.	Mrs. W. L. Matthe
Mammoth Spring	Lee	512	18	81.2	+ 4.1	102	5†	52	24	37	2.55	−1 90	1.25	0	4	17	14	0	s.	F. Wallick.
Marianna	Poinsett	235	14	80.9	+ 0.2	98	17	57	24	32	3.38	.....	0.75	0	9	12	15	4	s.	C. N. Houck.
Marked Tree	Searcy	229	18	80.1	.....	99	12	55	23†	31	3.62	−0.34	2.59	0	8	23	5	3	s.	Charles Walton.
Marshall		1083	8	81.2	.....	100	3†	57	24	29	3.10	.... .	2.20	0	4	15	15	1	s.	W. F. Reeves.
Mena	Polk	1185	35	83.8	+ 4.6	107	4	57	24	36	T.	−4.77	T.	0	0	17	10	4	w.	E. W. St. John.
Morrillton	Conway	347	3	81.9	....	102	13†	56	24	32	0.93	.....	0.45	0	3	23	7	1	s.	W. C. Jackson.
Mountain Home	Baxter	800	9	78.2[e]	.....	102[e]	16	50[e]	24	39[e]	1.33	.....	0.73	0	3	20[f]	3[f]	2[f]	s.	B. S. Halbert.
Mount Ida	Montgomery	730	25	81.3	.....	104	16†	53	24	36	1.00	-2.27	0.75	0	3	8	10	3	se.	G. A. Whittington.
Murfreesboro	Pike	367	7	....	.....	.....	.....	.....	.....	.....	5.62	.....	2.78	0	5	15	8	8	.....	Henry A. Davis.
Nail	Newton	2233	30	80.8	+ 4.2	98	15	60	31	27	2.23	-1 28	1.40	0	3	20	8	3	s.	Charles Paxton.
Newport	Jackson	231	39	83.0	+ 3.4	102	13	58	24	28	2.88	−0.62	1.50	0	4	20	9	2	s.	Geo. L. Robinson.
Osceola	Mississippi	240	23	80.9	+ 2.5	100	17	54	24	31	2.29	−0.67	1.36	0	2	25	2	4	s.	Mrs. J. T. Driver.
Ozark	Franklin	450	27	84.6	+ 3.0	106	14	58	23	34	0.78	−3.13	0.78	0	1	17	11	3	se.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	3.82	.....	1.80	0	5	22	0	9	se.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	4.80	.....	2.90	0	5	17	11	3	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	82.4	+ 1.2	102	17	57	24	34	2.04	- 1.16	1.37	0	4	18	1	12	s.	Miss Theares Scheu
Pocahontas	Randolph	300	31	81.0	+ 1.9	99	12	54	24	33	3.30	−1.05	1.50	0	7	14	13	4	s.	Benedicitine Sister
Portland	Ashley	122	17	81.5	+ 0.7	100	15	56	25	33	2.71	- 1.09	1.36	0	5	15	11	5	sw.	W. E. Edmiston.
Prescott	Nevada	329	41	82.9	+ 1.8	103	17	60	23†	33	2.72	−0.61	2.14	0	5	22	8	1	s.	O. J. Stephenson.
Princetown	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	1.77	−1 51	1.50	0	2	24	0	7	.....	Foote Coleman.
Rison	Cleveland	243	19	82.8[a]	+ 2.6	104[a]	17	57[a]	24	31[a]	1.72	−1.22	1.67	0	2	11[a]	16[a]	5[a]	sw.	Geo. H. Tisdale
Rogers	Benton	1385	32	80.9	+ 3.6	106	14	54	24†	38	2.05	−1.36	2.00	0	2	23	6	2	s.	Carl A. Starck.
Searcy	White	236	10	.....	.....	.....	.....	.....	.....	.....	1.92	−1.81	0 80	0	5	18	11	2	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	80.7	.....	97	13†	54	23	35	1.20	... .	0.40	0	5	12	16	3	.....	J. L. Britt.
Springbank ‡‡	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	1.69	−2.18	1.15	0	3	23	4	4	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	80.6	+ 0.8	99	15†	56	24	25	3.28	−0.31	1.42	0	8	19	9	3	se.	H. A. Buerkle.
Subiaco	Logan	1050	26	85.4	+ 4.3	109	4†	62	29	35	1.36	−2.70	1.31	0	3	22	5	4	s.	New Subiaco Abbe
Texarkana	Miller	332	41	84.7	+ 2.7	105	17	59	24	33	2.26	−0.75	1.48	0	3	19	8	4	s.	H. S. Brashear.
Waldron	Scott	675	5	.....	...	.....	.....	.....	.....	.....	0.94	....	0.79	0	4	11	8	12	nw.	Dr. Cheves Bevill.
Warren ††	Bradley	206	28	82.7	+ 1.5	104	17	56	24	40	4.10	+0.24	2.10	0	2	14	12	5	n.	Mrs. W. L. Hartse
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	2.15	−1.27	1.10	0	2	19	4	8	s.	Miss E. M. Schirm
Wynne	Cross	250	15	81 8	+ 2.3	100	13†	54	24	33	1.72	−2.70	0.68	0	8	15	6	10	s.	E. O. Allen.
State Means and Extreme				81.9	+ 2.5	109	4†	49	24†	41	2.43	−1.40	4.00	0	4	18	8	5	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in dete ing section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appear the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Jun Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for August, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita								.35		.53													.35									1.23
Arkadelphia ‖	Ouachita								1.10															T.						.10	1.25		2.05
Arkansas City ‖	Mississippi		T.	.03					T.		T.	.30	.28							.37			4.00										2.33
Arlberg	White		.10			.10			.50														2.98	.08									4.70
Batesville ‖	White		.38	.04			.90			T.	1.23	1.38											1.60					.03					6.99
Bee Branch	Arkansas		T.			.15		.20	.40	1.10	.30							T.			.09	.56					T.					3.78
Bentonville ***	Arkansas							.06	T.													2.48						.10				0.71
Black Rock ‖	White		.34	.42					.05		.97											.61					.08					4.36
Booneville	Arkansas					1.96		.02	.61	.02								T				.93	.40					.22				3.30
Brinkley ‖	White			.26					1.40		.56											1.29	05					.39				3.77
Calico Rock ‖	White		T.				.13	.23		.05	.33		.02	T.										2.95	.41			.01				2.49
Camden ‖	Ouachita								.47									.26	T.	T.		T.	.50					T.				3.37
Center Point	Red		.03	.15						.13	.02								.63			1.45	1.10					.37	.63			1.46
Clarendon ‖	White		.06			.12		.21	.26	.17	.66				.08							2.88					T.					4.51
Clinton	White																					1.40										4.44
Conway	Arkansas									.79		.05		.07								1.36										1.40
Corning	White		.15	.08							1.08	.08										1.75										2.50
Danville ‖	Arkansas												.97									.90										2.91
Dardanelle	Arkansas					.31				1.46				.07		T.						1.02						.07				1.87
Dodd City	White						T.	T.	.03	.03	.67	.05															T.	T.				2.93
Dumas	Arkansas			.05				.21														1.45						.55	.04			1.42
Dutton	White								.82										T.	1.24			1.25	.47				.03		.35		1.66
El Dorado ‖	Ouachita								.06	.19	.90								T.			.59	.07								T.	4.16
England	Arkansas		.16						T												T.	.28										1.97
Eureka Springs	White									.33												1.76										0.28
Evening Shade	White		.68																			1.22									.40	2.77
Fayetteville	White							T.	.04												.07	.18					T.				T.	1.62
Fort Smith ***	Arkansas									T.		T.								.57			.20	.22								0.29
Fulton ‖	Red										T.	.08										1.24	.37				T.	.10				0.99
Georgetown ‖	White			.12														1.65	.26			.22	.45								.05	1.91
Grannis	Red							.34			1.33	.15						T.				.18					T.					4.45
Gravette	Arkansas							T.															1.50									0.18
Harrison	White					1.12		.12	.63	1.47												*	3.80								.41	1.62
Heber Springs	White		.25						.28		.01						.80		.01			.06	T.	.08				.10	.02			7.68
Helena	Mississippi			.36					.40		.22										3 00	.06					.02					1.72
Higden	White					1.85		.02	.03		.09								13				.59					.02				5.57
Hope	Red								.01	.64	.05	.02	T.					.46	T.			.02	.05					.05				0.86
Hot Springs	Ouachita	.45								.16	.02	.38			.09		T.					2.17	.45					.01				1.30
Huttig	White		.14	.02				T.											.76			.63	T.						.22		T.	1.80
Jonesboro	Ouachita							1.70													.20						.01	.30				2.99
Junction	White		.20		T			.22	.13	.35	.11							.11				1.45									T	1.61
Lambrook	Arkansas		.17																.80			.86										2.40
Little Rock ***	Arkansas																					.20	1.00									2 55
Lutherville	Arkansas																						.05	.06					.43			0.86
Magnolia	Red								.04	.16		.22										1.23						.09				2.00
Malvern	Ouachita								.93							.30						.32						.37	.41			0.96
Mammoth Spring	White									.57		.01				.01	.72		.75			2.59	.25					.03				2.55
Marianna	Mississippi		.20								.42					.06						2.20					T.	T.				3.39
Marked Tree ‖	Mississippi		.03	.23		T.	.01															T.	T.					T.				3.62
Marshall	White							.20	.18	.52																						3.10
Mena ‖	Ouachita									T								.30										.20				T.
Morrilton	Arkansas			.40						.18	.45											.73										0.93
Mountain Home	White								.15	T.			.16									.75										1.33
Mount Ida	Ouachita								.26	.74		1.81											2.78									1.06
Murfreesboro	Ouachita								.68	.15												1.40										5.62
Nail	White										.42											1.50										2.23
Newport ‖	White		.30	.66																		1.36										2.88
Osceola ‖	Mississippi									.93												.78										2.29
Ozark	Arkansas																					1.89										0.78
Patterson ‖	White		.58							.32	.12	1.00											2.90										3.82
Pindall	White								1.07	.53			.18	.12									.02	.55									4.80
Pine Bluff ‖	Arkansas		T	.10							1.37							T.															2.04
Pocahontas	White		.9							.20	.15	.05		.10	.40							1.50											3.30
Portland ‖	Ouachita	.17						.07											.37	1.36			.24							.50			2.71
Prescott	Ouachita									T.		.32								.02			2.14	.18				T.	.06			2.72
Princeton ‖	Ouachita																						1.50	.25									1.75
Rison	Ouachita																						1.67				.05						1.72
Rogers	Arkansas													.05								2.00						.40				.80	2.05
Searcy	White		.02								.30										.40							.24					1.92
Snow Lake	Mississippi		.12				.12													T.	.19		.32										1.20
Springbank ‖	Red																						.35	1.15				T.					1.69
Stuttgart	Arkansas		.11							.16	.45								.14			.14	.10								.46	1.42		3.28
Subiaco	Arkansas					.04							.01								.15	1.31											1.36
Texarkana ‖	Red																						1.48	.63									2.26
Waldron	Arkansas					T.		T.	.06		.04		T									.79					.05					0.94
Whitecliffs	Red																			1.10			1.05	T.									2.15
Wynne ‖	Mississippi		.24	.32							.04	.12						.12		T		.68	.17					.03				1.72

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for August, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.0	5.0	5.0	5.3	5.0	4.8	4.7	4.6	4 5	4.4	4.3	4.4	4.2	4.1	4 0	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.8	4.0	4.0	3.8	4.5	5 5	6.4	6.0	5.5
Dardanelle	do	20	3.8	3.7	3.6	3.5	3.1	2.8	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.2	2.0	2.0	2.4	2.4	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3	3.0	4.8
Little Rock	do	23	2.9	2.8	2.8	2.4	2.3	2.1	2.0	2.0	2.0	1 9	1.9	1.9	1.8	1.8	1.8	1.8	1.5	1.3	1.1	1.0	0.9	0.6	0.6	0.8	1.0	1.0	0.8	0.6	0.6	0.6	0.8
Pine Bluff	do	25	8.9	8.5	8.3	7.9	7.8	7.7	7.5	7.5	7.5	7.4	7.3	7.3	7.2	7.0	6.9	6.8	6.8	6.7	6.7	6.5	6.5	6.4	6.4	6.5	6.6	6.6	6.6	6.5	6.4	6.4	6.4	6.3
Black Rock	Black	14	4.7	4.5	4.8	4.5	4.5	4 5	4 5	4 0	4.3	4.8	4.8	4.5	4.5	3 8	3.6	3.5	3.4	3.3	3.2	3.0	3.0	4.8	5.3	4.3	4.0	3.4	3.2	3.0	3.0	2.9	2.9
Calico Rock	White	18	1 6	1.4	1.2	1.2	0.9	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0 2	0.4	0.3	0 3	0.2	0.2	0.4	0.5	0.9	0.5	0.2	0.1	0.1	0.1	0.1	0.0
Batesville	do	23	6.5	6.9	6.6	6.3	6.2	6.2	5.8	5.8	5.8	5.9	5.7	5.6	5.6	5.6	5.3	5.3	5.2	5.3	5.2	5.2	5.2	5.2	6.8	5.7	5.6	5.8	5.5	5.3	5.1	5.1	5.1
Newport	do	26	4.6	4.9	4.9	4.6	4.4	4.3	4.1	4.0	4.0	1.0	3.9	4.0	4.2	4.0	4.0	3.9	3.7	3.7	3.4	3.2	2.9	2.7	2.7	2.9	3.0	3.0	3.0	2.9	2 9	2.8	2.8
Georgetown	do	22	5.2	5.2	5.2	5.2	5.2	5 0	4.7	4.4	4.2	4.0	4.2	4 4	4.4	4.3	4.1	3.8	3 5	3.2	3 0	2.8	2.7	2 7	3 0	4.4	5.2	5.0	4.5	4.0	3.6	2.8	2.7
Clarendon	do	30	12.3	12.2	12.2	12.1	12.0	11.9	11.7	11.5	11.3	11.1	10 9	10.8	10.8	10.8	10.8	10.7	10.5	10 3	10.0	9.7	9 5	9.5	9.5	9.6	10.3	11 1	11.6	11.6	11.4	10.9	10.3
Helena	Mississippi	42	13.4	13.0	12.7	12.3	11.9	11.5	11.3	11.5	12.2	13.0	13.7	14.4	15.2	16.0	16.6	17.0	17.4	18.1	18.9	19.5	20.4	21.3	21.8	22.1	22.0	21.5	20.4	18.8	17.0	15.2	13.6
Arkansas City	do	48	18.2	17.6	17.0	16.5	16 0	15.5	15.0	14.8	14.7	15.0	15.8	16.4	17.0	17.8	18 6	19.2	19.8	20.1	20.7	21 6	22 4	23.1	23.7	24.4	24.7	24.8	24.7	24.3	23.1	21.9	20.5
Camden	Ouachita	49	5.9	5.9	5.8	5.6	5.3	5.3	5.2	5.2	5.1	5.1	5.1	4.9	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.6	4.8	5.1	5.0	4.9	4.7	4.5	4.3	4.3
Danville	Petit Jean	20	1.7	1.5	1.5	1.3	1.3	1.3	1.2	1.2	1.3	1.8	1.6	1.7	1 7	1.6	1.5	1.5	1.5	1.4	1.1	0.9	0.9	2.0	1.5	1.3	1.1	1.0	0.9	0.7	0.7	0.7	0.7
Fulton	Red	28	7.3	7.3	7.0	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.6	6 5	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.1
Arkadelphia	Ouachita	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Patterson	Cache	9	4.6	4.7	5.0	5.0	4.9	4.7	4.6	4.5	4.5	4.7	5.0	4.8	4.6	4.5	4.4	4.3	4.3	4.3	4 3	4.3	4.3	4.3	4.3	4.7	4.6	4.5	4.5	4.3	4.0	4.2	4.2	4.4

Daily Temperatures for August, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	91	84	97	98	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	87	87	90	90	89	....
	Minimum	67	70	75	77	79	....	....	....	....	....	....	....	....	....	75	75	76	73	72	60	65	65	67	57	57	62	67	67	62	60	62	67.7
Bee Branch	Maximum	90	96	98	102	103	93	100	96	86	75	96	99	102	98	104	104	103	85	90	90	92	95	77	83	89	89	91	85	89	90	90	92.9
	Minimum	64	73	72	73	73	71	70	69	70	67	68	69	72	71	71	72	71	70	64	59	64	61	59	52	58	61	64	64	59	58	61	66.1
Bentonville	Maximum	102	94	102	103	102	97	97	93	92	97	97	99	102	104	101	102	84	86	91	94	98	69	80	89	92	92	75	88	90	91	89	93.3
	Minimum	71	78	75	76	78	76	74	70	75	71	71	73	74	74	75	74	66	66	61	59	69	62	55	55	62	67	65	60	56	61	65	68.2
Booneville	Maximum	103	103	107	109	102	98	95	86	89	96	96	101	103	103	102	106	101	95	95	96	100	91	83	92	97	98	88	91	95	94	97	97.2
	Minimum	76	78	76	80	69	76	77	74	76	76	75	78	79	78	80	80	79	72	73	66	75	66	63	60	68	71	73	73	76	67	68	73.5
Brinkley	Maximum	97	89	96	96	99	96	95	94	88	90	94	98	99	101	100	98	102	88	90	95	91	89	80	85	91	92	90	88	94	93	93	93.3
	Minimum	70	77	75	75	77	77	76	75	74	74	76	74	75	76	76	74	75	75	68	63	72	66	63	56	59	64	67	71	70	65	67	71.0
Calico Rock§§	Maximum	100	95	101	106	104	97	98	94	93	97	99	101	103	101	99	104	91	90	94	95	99	71	82	91	96	94	99	88	93	93	91	95.5
	Minimum	68	71	75	76	78	79	75	73	....	....	....	....	73	74	73	74	73	75	65	64	65	68	63	59	60	66	68	69	65	66	66	69.7
Camden§§	Maximum	96	94	99	100	97	95	95	93	95	90	95	98	101	100	100	98	103	98	94	95	95	96	75	85	91	91	90	85	92	87	91	94.0
	Minimum	69	75	73	74	76	74	73	72	69	72	74	72	73	74	75	74	70	74	69	65	68	72	65	57	57	58	63	66	69	66	68	69.5
Center Point	Maximum	99	98	101	102	98	97	98	91	93	93	93	96	101	102	100	102	102	95	92	94	96	93	84	85	91	91	90	93	92	89	93	95.0
	Minimum	75	75	74	75	77	74	73	73	74	74	73	72	73	73	73	76	74	75	71	68	72	67	61	60	61	64	68	69	69	66	69	70.9
Conway	Maximum	91	92	98	96	97	95	96	93	91	93	95	98	99	99	98	99	99	98	96	93	94	92	80	84	92	91	87	89	92	90	90	93.5
	Minimum	69	78	76	77	87	75	75	73	74	71	74	73	75	73	73	87	76	76	75	79	79	74	65	65	78	77	75	75	74	74	75	75.1
Corning	Maximum	93	88	93	100	100	98	99	96	95	94	96	98	95	94	93	93	93	89	94	93	97	86	81	86	91	92	88	94	92	94	91	93.1
	Minimum	67	73	72	75	77	74	73	72	71	69	71	73	74	73	73	70	73	67	60	60	67	59	56	51	60	64	66	65	64	59	59	67.3
Dardanelle	Maximum	89	92	96	98	100	99	101	96	90	93	96	96	98	100	102	99	100	99	99	91	90	97	87	80	84	92	93	86	88	90	90	93.9
	Minimum	68	72	74	77	76	75	76	74	76	74	74	76	75	75	77	75	79	75	70	65	70	72	65	59	63	68	72	70	68	69	68	71.8
Dodd City	Maximum	91	88	90	90	100	92	97	96	90	85	94	97	90	101	97	92	92	92	90	85	90	89	83	88	95	86	85	91	82	91	83	90.7
	Minimum	66	75	74	72	73	69	69	69	68	66	68	68	69	69	71	71	70	68	58	57	61	58	53	53	59	64	66	60	52	58	59	64.9
Dumas	Maximum	95	90	94	99	98	95	90	94	90	84	93	95	98	98	97	95	100	93	89	92	95	89	75	80	90	82	90	82	92	92	92	91.5
	Minimum	71	75	75	75	77	75	75	74	79	70	75	78	73	75	75	75	73	73	66	66	73	73	65	54	56	58	67	72	70	67	68	70.9
Dutton	Maximum	94	95	100	101	100	95	97	89	97	99	94	100	100	102	100	102	103	90	93	92	96	83	81	85	91	87	78	83	90	88	86	92.9
	Minimum	65	66	72	69	71	68	62	65	63	65	65	64	70	63	73	66	66	68	57	56	60	62	51	49	56	60	62	61	49	53	57	62.4
El Dorado	Maximum	96	94	97	100	99	97	92	95	96	93	93	92	100	100	102	95	103	99	93	96	94	96	73	80	92	93	93	89	87	89	92	93.9
	Minimum	73	77	73	75	77	75	75	73	73	76	76	76	74	75	75	76	75	72	71	68	73	73	63	58	64	63	64	74	70	69	70	71.8
England	Maximum	94	90	96	99	98	95	97	93	88	90	96	....	98	98	99	99	99	88	90	93	94	85	78	84	91	92	91	86	92	92	90	92.5
	Minimum	69	75	75	77	77	75	74	72	73	70	73	....	75	74	74	75	74	73	69	65	72	63	63	56	58	62	65	72	66	64	67	69.9
Eureka Springs	Maximum	95	95	100	101	101	98	98	94	93	98	97	100	102	105	103	105	95	90	96	98	97	79	86	91	95	95	88	91	97	97	92	95.9
	Minimum	70	78	73	78	80	76	74	70	72	73	75	76	79	79	76	76	69	67	61	62	71	61	53	54	66	69	70	60	56	66	64	69.5
Evening Shade	Maximum	91	85	96	98	100	96	96	94	94	96	97	100	97	98	98	100	93	88	90	91	98	92	79	86	92	92	88	....	91	91	91	93.3
	Minimum	66	74	73	75	75	72	71	71	72	68	70	70	....	71	72	71	71	71	60	58	66	60	57	52	52	64	65	....	58	58	58	66.2
Fayetteville	Maximum	100	97	103	104	102	97	99	92	92	97	98	99	103	105	102	104	101	91	93	94	98	92	81	87	92	92	89	88	92	92	93	95.8
	Minimum	73	77	78	78	80	75	75	73	74	73	74	75	78	80	78	78	70	68	63	58	73	61	55	57	68	69	68	62	56	62	64	70.1
Fort Smith	Maximum	99	100	105	107	103	97	99	88	93	98	98	100	104	106	103	105	95	92	94	93	100	74	86	90	94	95	83	91	92	93	94	95.8
	Minimum	75	79	79	79	81	77	78	75	78	74	76	76	77	77	79	78	76	73	74	69	74	66	65	62	66	71	73	67	65	67	70	73.4
Grannis	Maximum	100	102	102	102	92	96	96	87	93	92	90	94	98	98	97	97	100	90	87	97	100	93	86	86	85	87	88	85	91	91	88	92.6
	Minimum	71	71	71	69	72	70	69	69	70	68	69	68	68	68	68	68	67	67	66	65	66	66	66	75	59	61	63	62	62	61	64	67.1
Gravette	Maximum	103	98	103	104	102	98	97	94	93	97	98	98	102	105	102	103	98	87	84	96	98	87	82	89	93	93	82	89	93	92	89	95.1
	Minimum	71	75	71	78	78	74	74	70	74	70	72	74	73	76	75	76	69	63	59	59	71	62	58	53	65	63	63	56	53	59	61	67.6
Harrison	Maximum	91	100	100	104	104	95	96	98	97	96	98	100	103	105	96	99	95	88	103	94	92	92	88	88	88	89	88	95	5
	Minimum	62	63	75	80	90	75	77	80	77	60	65	75	78	88	75	75	74	77	73	77	53	66	67	53	64	63	77	82	54	50	69	70.8
Hope	Maximum	100	95	100	100	101	99	97	93	95	95	95	98	103	100	102	101	102	99	95	95	99	93	77	89	93	95	93	92	92	95	97	96.1
	Minimum	73	77	74	72	76	75	76	74	74	75	74	76	75	74	75	75	74	70	71	68	74	68	62	58	60	63	67	70	68	65	68	71.0
Hot Springs	Maximum	93	94	99	99	98	95	94	91	91	91	93	96	99	100	101	100	99	88	90	91	95	91	80	87	91	93	90	87	92	90	91	93.2
	Minimum	71	73	73	75	77	76	72	71	72	71	71	73	72	75	74	74	75	72	69	71	69	68	61	56	59	64	67	68	64	64	67	69.6
Huttig	Maximum	97	96	96	100	100	96	98	95	96	96	96	100	96	100	101	100	100	100	92	95	96	97	93	84	89	92	95	96	90	88	89	95.5
	Minimum	72	76	73	75	76	74	75	73	72	76	74	75	74	74	76	75	74	70	69	72	74	66	59	56	58	65	73	70	68	70	71	71.2
Jonesboro	Maximum	93	90	95	100	102	101	99	97	98	95	97	101	103	97	97	96	99	88	90	94	98	88	76	83	91	92	90	89	92	91	90	93.9
	Minimum	68	73	74	76	78	77	75	75	72	72	72	76	77	78	77	72	77	71	66	63	72	61	62	56	61	65	58	70	68	64	65	70.0
Junction	Maximum	97	99	98	101	99	100	92	98	97	95	97	98	101	105	103	104	102	102	90	96	95	94	80	86	90	92	94	91	88	93	94	95.8
	Minimum	73	74	72	73	71	73	71	73	72	74	73	71	73	74	73	73	70	71	69	68	67	68	63	56	61	64	68	70	69	67	68	69.7
Little Rock	Maximum	93	91	96	97	97	92	94	91	88	89	94	96	97	97	97	98	98	86	89	91	92	81	78	84	90	89	88	86	90	88	89	91.2
	Minimum	71	76	75	77	78	76	76	73	72	72	74	74	75	76	77	77	69	74	72	69	72	65	65	61	64	68	71	70	68	69	71	71.8
Lutherville	Maximum	91	91	99	100	98	94	92	88	90	95	94	99	101	101	100	101	96	91	93	91	97	86	81	88	92	94	85	88	91	92	90	93.2
	Minimum	70	65	75	76	78	74	74	70	74	70	70	73	76	75	76	77	76	70	69	68	70	65	63	59	64	70	70	68	68	66	69	70.6
Magnolia	Maximum	95	93	98	105	98	96	96	95	95	93	93	95	100	100	99	94	102	97	91	93	93	95	75	83	91	92	91	85	89	87	93	93.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Malvern	Maximum	95	97	101	101	100	98	97	95	96	94	94	100	102	103	101	103	105	90	93	95	98	92	83	89	95	96	98	91	94	92	92	96.1
	Minimum	71	76	74	75	76	74	73	72	74	71	72	71	73	72	73	73	71	71	63	68	74	63	55	56	61	66	70	67	62	68	69	69.6
Mammoth Spring	Maximum	92	89	95	101	102	98	99	96	95	98	99	102	102	101	99	98	93	88	94	95	99	86	82	89	93	95	87	91	94	93	91	94.7
	Minimum	67	76	75	74	75	71	72	72	73	71	72	72	72	72	75	72	74	70	62	59	63	63	56	52	60	67	67	66	57	58	60	67.6
Marianna	Maximum	93	87	93	97	96	96	91	92	90	88	94	96	97	96	97	97	98	89	90	90	90	86	78	81	89	90	91	85	87	87	87	90.9
	Minimum	71	74	77	82	81	76	75	75	73	74	76	75	76	72	76	72	75	73	67	67	72	65	64	57	58	59	59	71	71	66	68	70.9
Marked Tree §§	Maximum	82	93	96	96	95	96	93	92	91	97	92	99	94	96	97	98	88	89	93	92	72	78	82	87	89	89	88	91	90	90	89	90.8
	Minimum	73	74	76	77	77	76	73	74	71	73	75	76	77	76	72	73	73	67	62	63	69	61	55	55	61	64	66	69	64	64	65	69.4
Marshall	Maximum	90	92	100	98	97	96	94	88	89	91	94	96	96	97	96	100	90	84	88	92	95	87	77	86	91	90	84	86	85	89	87	91.1
	Minimum	70	79	77	80	80	77	70	73	72	71	73	76	77	80	77	78	78	72	65	63	64	70	60	57	67	70	73	67	60	65	66	71.2
Mena	Maximum	103	105	106	107	105	100	99	89	95	93	98	103	105	105	105	106	100	92	91	97	101	89	85	83	98	97	88	94	97	94	96	97.6
	Minimum	74	75	75	75	78	74	73	71	73	71	73	75	75	73	76	74	73	70	72	63	71	68	62	57	62	68	68	65	62	62	66	70.1
Mt. Home	Maximum	....	....	98	....	....	....	98	92	94	98	100	101	100	100	98	102	91	88	91	94	99	75	80	89	93	95	86	89	91	93	91	93.3
	Minimum	....	....	72	....	....	....	68	67	67	65	68	67	69	69	69	69	70	66	59	56	61	58	54	50	58	64	65	62	54	56	59	63.2
Mount Ida	Maximum	96	99	101	101	101	97	96	93	92	95	95	102	102	103	103	104	104	94	94	94	99	86	83	89	95	90	92	95	94	93	95	96.0
	Minimum	71	71	73	72	74	72	70	69	73	71	69	67	69	68	70	71	72	68	67	59	64	67	63	53	56	64	64	60	58	56	63	66.6
Nail	Maximum	88	85	88	94	94	95	93	92	91	90	92	93	95	96	98	97	94	93	92	90	90	89	80	85	87	86	87	88	90	89	87	90.3
	Minimum	64	62	67	73	83	79	77	79	78	76	74	75	75	76	76	75	74	74	74	70	70	65	65	66	67	66	66	67	69	65	60	71.2
Newport	Maximum	91	89	95	100	97	98	96	94	92	95	99	101	102	100	101	101	99	92	92	94	95	87	82	86	90	91	90	90	93	91	91	94.0
	Minimum	71	73	75	79	80	76	77	76	75	73	74	76	78	79	79	75	77	74	69	66	73	63	62	58	63	68	69	70	67	66	67	71.9
Osceola	Maximum	91	92	93	96	98	95	95	96	94	92	96	99	99	92	98	95	100	93	90	92	95	87	86	82	85	90	90	80	86	90	90	92.0
	Minimum	72	76	75	76	77	76	75	74	70	70	73	71	76	77	71	73	75	71	66	61	70	60	59	54	66	64	67	70	70	64	64	69.8
Ozark	Maximum	95	97	103	105	103	98	96	90	92	97	97	101	104	106	103	105	101	92	95	95	101	90	84	90	96	97	93	94	93	95	96	96.9
	Minimum	85	87	78	75	78	80	76	75	70	71	77	72	75	72	74	76	75	73	70	64	70	69	58	60	64	68	74	72	68	61	70	72.2
Pine Bluff	Maximum	98	91	100	101	99	95	97	94	94	97	99	100	100	100	99	99	102	91	93	92	97	88	80	85	92	93	92	89	91	91	94	94.6
	Minimum	69	64	74	75	76	75	74	71	74	70	75	72	74	75	75	74	75	72	67	67	72	73	64	57	58	60	64	72	77	67	67	70.3
Pocahontas	Maximum	91	89	92	96	95	96	96	93	95	94	95	99	98	95	95	97	95	92	92	94	94	91	82	85	88	88	86	90	93	90	90	92.5
	Minimum	70	73	73	77	79	73	75	75	74	72	73	75	75	76	72	75	70	65	63	66	62	65	54	62	66	68	68	60	60	62	65	69.5
Portland	Maximum	96	92	92	95	94	95	92	93	93	89	94	95	99	98	100	96	99	95	91	91	92	92	76	85	89	91	94	83	87	87	87	92.3
	Minimum	73	72	74	75	74	75	75	72	72	76	74	74	72	74	75	75	73	73	70	70	73	67	59	56	60	62	72	70	65	68	70.7
Prescott	Maximum	97	96	100	100	98	98	95	94	96	95	95	98	101	101	101	101	103	95	93	95	97	94	78	85	93	92	90	89	92	88	93	94.9
	Minimum	74	76	72	75	76	74	75	72	74	75	74	73	73	74	75	75	73	72	71	67	71	74	60	60	60	64	64	73	68	65	68	70.9
Rison	Maximum	96	93	97	100	98	96	96	93	93	89	98	98	101	102	101	98	104	94	93	96	96	90	77	85	92	93	91	86	91	....	92	94.3
	Minimum	72	75	74	77	76	75	75	72	74	71	75	73	72	74	81	76	73	69	72	68	72	71	60	57	68	63	65	73	67	....	69	71.3
Rogers	Maximum	100	93	104	105	104	98	99	95	95	98	99	101	105	106	103	104	86	88	91	94	99	86	86	89	93	94	80	87	90	91	90	95.3
	Minimum	69	78	72	75	77	73	72	69	74	69	68	69	71	73	75	72	69	68	60	56	67	61	55	54	60	60	67	59	54	57	59	66.5
Snow Lake§§	Maximum	92	92	93	94	95	92	90	89	90	92	95	96	97	97	97	97	91	92	92	90	84	87	82	91	90	90	92	92	90	90	89	91.6
	Minimum	75	71	71	74	76	74	73	75	72	74	74	73	75	75	72	74	72	71	70	65	69	63	54	56	65	64	65	67	70	67	69	69.8
Stuttgart	Maximum	91	85	94	97	96	92	95	93	87	87	95	96	96	96	99	97	99	85	88	91	92	82	77	83	87	90	90	87	88	89	89	90.7
	Minimum	70	77	76	75	78	75	75	73	72	72	75	73	74	74	74	74	75	74	73	69	66	72	66	63	56	58	64	66	70	66	66	70.5
Subiaco	Maximum	99	101	106	109	107	99	100	95	96	102	101	105	107	109	105	108	104	96	98	94	105	92	86	93	98	99	89	94	96	96	95	99.5
	Minimum	72	77	74	75	79	73	73	72	74	71	73	73	74	74	75	80	81	72	70	65	70	67	64	68	64	67	72	68	62	63	68	71.3
Texarkana	Maximum	102	100	102	103	100	98	99	98	99	94	95	99	102	102	101	103	105	102	94	97	97	97	80	89	95	95	93	90	96	92	92	97.1
	Minimum	76	75	75	77	77	75	76	76	74	76	77	77	74	76	75	75	74	73	71	71	73	74	62	59	62	64	67	72	70	68	70	72.3
Wynne	Maximum	90	87	93	96	95	95	95	94	93	92	98	99	100	97	100	99	100	98	91	95	94	85	81	85	90	88	91	87	92	91	93	93.0
	Minimum	71	76	76	76	78	77	75	74	72	73	75	75	77	78	75	72	75	75	67	62	72	66	62	54	57	64	62	72	69	63	66	70.5

§§ Instruments are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., SEPTEMBER, 1923. NO. 9.

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GENERAL SUMMARY.

The weather during the month of September, 1923, was cool and wet, the number of rainy days large, and the sunshine only 54% of the possible amount. Of the 45 stations having normals, two thirds showed negative depratures. Although the mean for the month was about 1° below normal there were no cold periods. Minima were generally normal or somewhat above while day temperatures were considerably below normal, the daily temperature range being small. The highest temperature record-during the month, 98°, is, with but one exception, the lowest maximum for September since records have been kept, temperatures of 100° or higher having been recorded all previous Septembers with but three exceptions. The lowest recorded, 45,° is about 9° above the usual lowest for September. Normally September is a dry month, the 30 year average being 3.33 inches. The average precipitation for September, 1923, 5.56 inches, is the greatest on records since 1913 when the average was 10.10 inches, and has been exceeded but three times in the past 33 years. The 13.91 inches at Mena, though heavy, has been exceeded many times, the greatest on record being 21.95 inches at Moore, Faulkner County, in September, 1898. The heaviest totals for the month occurred in the western counties, Fulton, Mena, and Dutton measuring over 10 inches with 6 to 8 inches over the St. Francis and lower White river valleys. Most of the rain fell from the 1st to the 8th and from the 13th to the 20th. During this latter period cotton deteriorated in many sections, bolls rotting and seed sprouting in the bolls. The weather during the last decade was more favorable and much cotton was picked and ginned. Late corn made good progress throughout the State and in most sections was nearly matured at the close of the month.

W. C. H.

TEMPERATURE.

The mean temperatue for the month of September, as determined from the records of 54 stations, was 73.6° which is 0.9° below normal. Of the stations for which normals have been computed, 16 showed positive departures, 14 of these being north of the Arkansas River. The highest monthly mean was 76.1 at Grannis, the lowest, 66.6° at Dutton. The highest temperature recorded was 98° at Booneville on the 11th, the lowest, 45° at Dutton on the 23d and 24th. The greatest daily range was 40° at Mount Ida on the 9th.

PRECIPITATION.

The average precipitation for 76 stations in Arkansas during the month of September was 5.56 inches, which is 2.23 inches above normal. Practically all sections showed positive departures. Monthly totals ranged from 13.91 inches at Mena to 1.69 inches at Warren. The greatest amount measured in 24 consecutive hours was 4.80 inches at Fulton on the 5th. The number of rainy days ranged from 2 at Warren to 13 at Dumas and Lathervile, the average number being 9.

Correction: Fort Smith, August, 1923. Maximum temperature 22d should be 76. Mean maximum should be 95.9.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Pressure (Sea-level). Highest.	Pressure (Sea-level). Date.	Pressure (Sea-level). Lowest.	Pressure (Sea-level). Date.	Wind. Total movement miles.	Wind. Maximum velocity.	Wind. Direction.	Wind. Date.	Relative humidity. 7 a. m.	Relative humidity. 7 p. m.	Percentage of sunshine.
Bentonville..	30.02	30.18	14	29.81	20	3,109	16	s.	25	.....	.....	46
Fort Smith...	30.06	30.19	23	29.81	19	4,622	27	w.	20	88	64	61
Little Rock	30.03	30.21	23	29.86	20	4,011	30	nw.	19	92	72	54
Memphis....	30.04	30.22	17	29.81	20	3,834	20	sw.	26	88	77	54

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 1st, 12; 2d, 11; 3d, 6; 4th, 12; 5th, 10; 6th, 2; 7th, 11; 10th, 1; 12th, 4; 13th, 15; 14th 7; 15th, 2; 16th, 2; 17th, 3; 18th, 5; 19th, 17; 20th, 4; 21st, 1; 23d, 1; 25th, 3; 26th, 4; 29th, 1.

Lunar Halos:– 24th, 1.

Dense Fog:– 5th, 1; 7th, 1; 8th, 5; 15th, 1; 17th, 1.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Monthly average.	Temperature. Departure.	Temperature. Highest.	Temperature. Lowest.	Precipitation. Monthly average.	Precipitation. Departure.	Number of days. Clear.	Number of days. Partly cloudy.	Number of days. Cloudy.	Number of days. Precip.01 or more.
*Means and Extremes.	73.9		109	28	3.33		17		6	6
1891.....	73.4	-0.5	102	40	0.94	−2.39	22	6	2	2
1892.....	70.8	−3.1	96	32	2.14	−1.19	23	4	3	3
1893.....	74.0	+0.1	103	36	3.75	+0.42	19	5	6	5
1894.....	73.1	−0.8	100	38	3.56	+0.23	14	8	8	6
1895.....	77.1	+3.2	105	32	1.36	−1.97	19	7	4	4
1896.....	73.3	−0.6	106	35	3.25	−0.08	11	9	10	10
1897.....	76.6	+2.7	108	33	0.60	−2.73	21	7	2	2
1898.....	75.2	+1.3	104	40	7.35	+4.02	15	6	9	8
1899.....	71.9	−2.0	109	28	1.21	−2.12	20	7	3	3
1900.....	73.0	+1.1	104	48	4.25	+0.92	12	12	6	7
1901.....	72.6	−1.3	101	32	3.08	−0.25	18	8	4	4
1902.....	68.4	−5.5	99	30	5.06	+1.73	15	8	7	8
1903.....	70.7	−3.2	102	34	2.47	−0.86	18	7	5	5
1904.....	75.4	+1.5	101	37	2.46	−0.87	15	9	6	5
1905.....	74.2	+0.3	100	44	3.90	+0.57	16	7	7	8
1906.....	75.7	+1.8	100	47	6.24	+2.91	11	9	10	10
1907.....	73.9	0.0	106	38	2.22	−1.11	19	8	3	4
1908.....	73.4	−0.5	101	29	4.00	+0.67	13	8	9	7
1909.....	74.7	+0.8	108	31	2.84	−0.49	18	7	5	5
1910.....	76.4	+2.5	101	44	2.41	−0.92	18	8	4	5
1911.....	79.0	+5.1	102	46	3.67	+0.34	18	9	3	6
1912.....	75.5	+1.6	106	32	2.40	−0.93	18	8	4	4
1913.....	71.7	−2.2	108	33	10.10	+6.77	9	9	12	13
1914.....	74.4	+0.5	101	38	3.19	−0.14	16	9	5	5
1915.....	74.0	+0.1	100	34	1.43	−1.90	16	8	6	3
1916.....	72.5	−1.4	102	30	3.40	+0.07	19	6	5	6
1917.....	71.8	−2.1	99	37	1.76	−1.57	18	7	5	4
1918.....	67.3	−6.6	104	29	4.63	+1.30	16	5	9	7
1919.....	74.6	+0.7	108	40	2.72	−0.61	15	8	7	4
1920.....	74.9	+1.0	100	38	3.56	+0.23	17	6	7	6
1921.....	79.6	+5.7	104	35	3.35	+0.05	14	9	7	6
1922.....	75.2	+2.3	105	37	1.25	−2.08	22	5	3	3
1923.....	73.0	−0.9	98	45	5.56	+2.23	12	7	11	9

*Based on 30 years record

Climatological Data for September, 1923.

Stations	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (included).	Number of days. with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	700	30																	James DiBard.
Arkadelphia	Clark	186	27								7.26	+3.73	1.50	0	7	10	0	20	n.	E. J. Carpenter.
Arkansas City	Desha	145	39								4.10	+1.20	1.24	0	10	11	5	14	w.	Geo. E. Payne.
Arlberg	Stone	700	2								4.10		1.60	0	9	13	5	12		J. P. Reeves.
Batesville	Independence	277	24	71.7[a]	— 0.7	92[a]	29	50†	15	33[a]	4.67	+0.60	2.00	0	10	10[a]	2	17[a]	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren		31	71.0	+ 3.2	93	20†	51	24	31	4.40	+1.15	2.00	0	9	12	5	13	sw.	J. E. Spellan.
Bentonville	Benton	1303	17	70.8	+ 1.9	91	10	51	22	32	3.92	+0.45	1.00	0	12	10	6	14	s.	U. S. Weather Bureau.
Black Rock	Lawrence	253	21								4.30	−0.78	1.90	0	6	12	3	15		Vernon C. Brown.
Booneville	Logan	660	9	74.8		98	11	55	15†	36	4.95		0.88	0	10	12	8	10	s.	Sup. Tuberculosis San.
Brinkley	Monroe	205	41	74.2	+ 0.1	93	27†	56	14†	31	8.85	+5.62	2.08	0	11	11	5	14	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	72.4		94	29	50	25	36	2.75	+1.18	0.57	0	12	11	7	12	sw.	W. J. Copp.
Camden	Ouachita	158	37	73.2	− 1.9	91	11†	51	24	35	3.75	+0.31	1.57	0	10	13	6	11	s.	A. B. Quarterman.
Centerpoint	Howard	470	24	73.4	− 3.3	90	30	54	22†	28	6.55	+2.52	2.60	0	9	13	6	11	se.	John C. Floyd.
Clarendon	Monroe	200	19								6.61	+2.52	2.97	0	11	10	5	15	sw.	C. W. Bishop.
Clinton	Van Buren	516	2								2.60		0.75	0	7	11	8	11	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	39	74.9	+ 1.1	93	10†	56	24†	31	2.80	−0.85	1.40	0	8	13	6	11	s.	E. E. Cordrey.
Corning	Clay	293	23	71.4	− 0.7	93	28†	50	14†	31	4.46	+0.78	1.50	0	10	13	7	10	s.	Rev. N. E. Skinner.
Danville	Yell	327	8								5.00		1.23	0	8	17	0	13		C. P. Evans.
Dardanelle	Yell	330	37	73.8	— 0.5	91	1	56	8†	27	5.11	+1.60	1.22	0	10	15	0	15	w.	J. D. Riley.
Dodd City	Marion	1175	41	68.8	− 2.9	94	11	38	15†	36	4.05	+0.20	1.21	0	9	9	10	11	s.	Neal Dodd.
Dumas	Desha	162	16	74.1	− 0.2	95	28	52	21	33	2.70	−1.43	1.15	0	10	8	16	6	sw.	Ben Johnson.
Dutton	Madison	1590	21	66.0	− 1.8	88	9	45	23†	38	10.62	+6.44	2.80	0	13	13	12	5	s.	J. M. Ricketts.
El Dorado	Union	270	23	75.4		97	12	55	24	32	3.09	−0.17	0.63	0	10	5	10	15	nw.	J. J. Fabb.
England	Lonoke	220	16	74.4		92	10†	55	25	32	3.54	−0.43	1.58	0	10	11	4	15	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1405	21	71.8	− 1.1	92	3†	50	22	34	6.07	+2.22	3.10	0	8	6	18	6	sw.	Geo. W. Nicholds.
Evening Shade	Sharp		21	71.1	− 1.4	94	29	49	15	37	5.87	+1.71	1.38	0	8	12	8	10	s.	S. C. Price.
Fayetteville	Washington	1451	37	70.4	− 1.9	90	11	49	23	27	5.03	+0.51	1.80	0	8				sw.	University of Arkansas.
Fort Smith	Sebastian	481	41	73.9	+ 1.2	93	12	57	24	31	4.54	+1.37	1.61	0	12	7	13	10	e.	U. S. Weather Bureau.
Fulton	Hempstead	269	37								11.16	+8.68	4.80	0	12	11	6	13		L. J. Legan.
Georgetown	White	200	10								7.85		4.65	0	9	13	0	17	e.	Arthur Lenz.
Grannis	Polk	900	5	76.1		90	12	51	22†	31	9.56		2.73	0	9	22	3	5	e.	W. E. McVay.
Gravette	Benton	1200	25	71.0	+ 0.1	92	10	49	8†	38	4.20	−0.53	1.60	0	6	11	8	11	sw.	A. F. Simmons.
Harrison	Boone	1432	2	73.4	+ 3.5	94	11	50	10†	35	5.46	+1.60	1.65	0	11	15	8	7	sw.	A. C. Bean.
Heber Springs	Cleburne	480	2								4.85		2.20	0	9	7	16	7	ne.	L. C. Spainhour.
Helena	Phillips	182	52								4.22	+0.70	1.98	0	8	8	3	19		James V. Cassell.
Higden	Cleburne	440	5								5.07		4.05	6	5	15	5	6		L. V. Dorsey.
Hope	Hempstead	357	51	74.5[1]	+ 0.1	94[1]	26	55†	22	32†	11.89	+9.87	1.65	0	8	8	1[1]	14	s.	N. P. O'Neal.
Hot Springs	Garland	600	30	72.7	− 2.3	90	11†	53	21	31	4.83	+1.25	0.98	0	12	14	4	13		P. P. Matlock.
Huttig	Union	175	16	75.8	− 0.7	94	19	54	24	29	4.00	+0.81	1.30	0	6	15	7	8		J. L. Collett
Jonesboro	Craighead	345	28	72.9	− 1.3	92	28†	54	14†	28	5.22	+1.64	1.70	0	10	13	9	8	sw.	Benedictine Sisters.
Junction	Union	182	30	75.8	+ 0.5	95	27	52	24	36	5.14	+2.84	0.83	0	7	16	5	9	sw.	J. A. Lowdenback.
Lambrook	Phillips	150	1								3.48		1.00	0	8	15	3	12		C. A. Newton.
Little Rock	Pulaski	286	44	73.2	− 0.9	90	29	57	15	28	3.93	+0.67	1.96	0	9	7	7	16	s.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	26	71.9	− 1.6	89	12†	55	8†	26	6.63	+2.99	1.85	0	13	11	6	10	e.	H. Kaechele.
Magnolia	Columbia	315	5			93[c]	26				5.40		1.50	0	7	13[c]	11[c]	5[c]	ne.	State Agri. School.
Malvern	Hot Springs	277	40	74.3	− 0.1	94	12	53	24	34	3.45	+0.37	0.75	0	9	12	8	10	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	18	72.1	+ 0.4	91	28	49	15†	39	2.72	−1.76	1.01	0	8	10	12	9	s.	F. Wyrick.
Marianna	Lee	255	14	73.8	+ 0.8	91	19	56	25	51	4.64		1.51	0	10	11	12	7	s.	C. N. Pollock.
Marked Tree	Poinsett	229	18	72.5		92	26†	54	13	37	9.66	+7.29	3.21	0	10	12	9	9	n.	Charles Walton.
Marshall	Searcy	1084	8	71.4		87	9	54	8†	36	4.08		0.96	0	10	6	15	9	s.	W. L. Reeves.
Mena	Polk	1185	35	72.8	− 1.0	92	11	51	24	35	13.91		3.32	0	12	14	4	8	se.	E. W. Scranton.
Morrilton	Conway	344	8	73.0[a]		92[a]	10†	58[a]	14†	34[a]	3.62		1.10	0	7	15	9	6	s.	V. C. Snelson.
Mountain Home	Baxter	850	9	69.8		93	10†	46	14	47	3.08		0.80	0	6	17	4	9	w.	J. S. Carter.
Mount Ida	Montgomery	750	25	71.1		93	10†	47	24	40	5.84	+2.56	1.47	0	10	14	7	9	sw.	A. W. Watkinson.
Murfreesboro	Pike	367	7								7.43		2.51	0	9	5	8	17		Clyde A. Byrd.
Nail	Newton	2253	30	69.1	− 1.1	88	21	50	22	39	6.62	+1.70	1.10	0	8	8	16	17	s.	Charles Pearson.
Newport	Jackson	231	39	73.9	+ 0.2	92	29	54	15	29	4.53	−1.61	1.40	0	9	12	7	11	s.	Geo. E. Robinson.
Osceola	Mississippi	240	23	74.6	+ 2.6	96[c]	29	54	15	35	8.28	+5.56	1.80	0	9	14	3	13	nw.	Mrs. J. T. Driver.
Ozark	Franklin	450	27	73.6	− 2.9	91	9†	49	8	33	6.88	+3.91	2.14	0	13	13	6	11	s.	Lloyd Mayhew.
Patterson	Woodruff	190	7								5.38		3.05	0	4	11	0	19	e.	W. E. Baker
Pindall	Searcy	1560	2								4.70		1.43	0	9	7	14	9	se.	W. W. Wood.
Pine Bluff	Jefferson	215	55	75.0	− 0.7	94	12†	55	25	34	5.22	+1.69	2.95	0	8	10	3	15	s.	Miss Theresa Scott.
Pocahontas	Randolph	300	31	72.6	− 0.3	93	29	54	14	32	2.35	−0.24	1.05	0	10	8	9	13	s.	Benedictine Sisters.
Portland	Ashley	122	17	74.2	− 1.9	96	19	55	24†	26	3.03	+0.03	0.70	0	10	11	11	8	s.	W. E. Trimble.
Prescott	Nevada	324	11	74.1	− 1.8	92	30	55	24	30	8.10	+5.11	2.40	0	10	16	3	11	w.	O. J. Stroud.
Princetown	Dallas	287	16								4.36	+1.05	1.50	0	5	12	0	18		Jack Coleman.
Rison	Cleveland	243	19	74.6	− 0.6	94	19†	55	22†	30	5.85	+1.94	4.27	0	8	13	2	15	sw.	Geo. B. Dodd.
Rogers	Benton	1385	22	70.2	− 1.0	92	11	49	22†	38	4.72	+1.10	1.37	0	11	11	8	11	w.	Earl A. Stocks.
Searcy	White	256	10			93	29				3.20	−0.09	2.06	0	4	19	7	4	s.	T. Fell.
Snow Lake	Arkansas	185	2	74.0		91	11†	53	23	32	5.88		2.70	0	6	18	7	5		E. Betts.
Springbank ††	Miller	240	11								5.37	+2.07	1.70	0	10	18	2	10		Miss Ogee Todd.
Stuttgart	Arkansas	228	35	74.2	− 0.1	93	28	55	25	29	6.23	+2.73	2.66	0	10	13	9	8	sw.	E. A. Brooks.
Sunnyco	Logan	1050	26	74.1	− 1.0	95	12	50	22	34	5.76	+2.46	1.52	0	9	17	7	6	s.	New Spring Mercy.
Texarkana	Miller	352	13	75.1	− 1.7	92	11†	55	22	32	7.27	+4.48	2.22	0	9	12	5	13	s.	H. S. Brashear.
Waldron	Scott	675	5								7.90		2.02	0	11	5	9	16	se.	Dr. Chester Axtell.
Warren	Bradley	206	28			91	11				1.39	−2.91	0.89	0	2	21	7	2	n.	Mrs. W. F. Smith.
Weldebiffs	Little River		18								7.50	+5.22	2.00	0	10	2	6	13		C. Nettle Co. Settlement.
Wilmar	Cross	250	15	73.8	+ 0.7	91	11	55	15	51	9.65	+6.15	3.25	0	8	9	4	17	s.	E. O. Allen.
State Means and Extreme				73.0	− 0.9	98	11	47	5?c	40	5.56	+2.23	4.80	0	9	12	7	11	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ‡‡Received too late to be included in regular summaries. Reference letters [a,b,c] appearing in the table indicate number of days missing: for example, [a] represents two days missing. [1] Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark. † = 10-31.

Daily Precipitation for September, 1923.

Stations.	Drainage-basin.	Day of month.																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Arkadelphia	Ouachita			1.10		.90	.80									.15		1.25	1.20		1.50												7.20
Arkansas City	Mississippi		.11	.45	.04	.14	1.24	.50	.65										.01		.80	.18											4.10
Arkinda	White	.10			.20	.70		.30						1.00				.60	.10	.60	.50												4.10
Batesville	White		.27		.02	.30	.10							.22	.12			.04	.76	.78	2.00							T.					4.67
Bee Branch	Arkansas	.10	T.	.20	.25	2.00		T.						.48	T.			.50	.10	.11	.61												4.40
Bentonville	Arkansas	T.	.06	T.	T.	.06	.32	.40				T		1.30	.21	.14	.02	.37	.02	.97						.02	T						3.92
Black Rock	White		.09			1.10	.25							T.	T.			T.	.92	.10	1.90												4.36
Booneville	Arkansas		.81		.12	.04		.37						.67		.88	.01	.46	.79	.77													4.95
Brinkley	White		.90	.22	.18	1.98	2.08	1.54	.20						.08	T.			.24	.71	.72												8.85
Camp Rock	White		.37	.08		.57	T.	.11	.05					.51	.06	.06		.06	.31	.23	.26							T					2.75
Camden	Ouachita		.21	.02	.13	.40	.47		.11									.06	1.57	.06	.72												3.75
Center Point	Red	.72	2.06	.09		1.38		.50						T.	.52	.10		1.02	T		.22												6.55
Clarendon	White		.06	.05	.46	2.97	1.50	.78	.53						.05	.01			.20	T.	.20												6.61
Clinton	White				.47	.27		.10						.55	T.			.37	.35	.58							T.						2.69
Conway	Arkansas				1.40			.05						.45	.05			.32	.04	.28	.23												2.80
Corning	White	.21	1.50	.6	.57	.58												.06	.58	.08	.30											.42	4.46
Danville	Arkansas			.52			.28		1.23							22	.05	.90	T.	.68	.72												5.00
Dardanelle	Arkansas	1.22	.11			1.10			.33						.16	.10		.22	.41	.15	.93												5.11
Dermott	White	1.21	.08		.20			.30						.75	.52			.47		.40							.32						4.05
Dumas	Arkansas	.60	.07	.40	.10	1.15	.20	.25	.23							T.	T.		.01	T.	.20	T.											2.70
Denton	White	2.8	.50		.17	.75		.78					T.	1.86	.19	.02	.01	1.66	.08	.84	.65						T.					19.67
El Dorado	Ouachita		.24	T.	.05	.10	.25	.65	.10									.05	.63		.60	.02											3.09
England	Arkansas	.01		.04	T.	1.12	1.58	.10						T.	.06			.28	.13	.11	.14												3.54
Eureka Springs	White	.17			.18			.77						3.10			.12	.76	.17	.80							T.					6.07
Evening Shade	White			1.38	.74	.28								.44				.78	.27	1.18	.80												5.87
Fayetteville	White		.40		.30	.37		1.80						.47	.20			.65		.84						T.							5.03
Fort Smith	Arkansas	.06	.54		.01			.04				T.			.51	.17	.46	.60	.19	1.58	.02					.30							4.54
Fulton	Red	.90	.98	.38	.29	1.88	.65		.65							.10		.29	.96	.15	1.05												11.16
Georgetown	White		.38		.87	T.	.40	.34	T.	.15					.07		T.		.35	4.65	.64												7.85
Grannis	Red		2.73		.02	.73								.16	.58	2.10		1.86	.18	1.20													9.56
Gravette	Arkansas		T.			.13		1.09					1.02		.22	T.		.70	T.	1.04						T.							4.20
Harrison	White	1.65	.20		.02			.24						1.50	.20			.30	.10	.35	.08						.76						5.10
Heber Springs	White	.48	.04	.03	.12	.58								.49				.51		2.20	.38												4.85
Helena	Mississippi		.18	1.98	.02	1.30	.51	.02	.02										T.		.06												4.22
Hogden	White				1.00	.06								.50				.40		.54													5.55
Hope	Red	1.85	.77	.08		4.65		.75							.59			2.15		T.	1.05												11.89
Hot Springs	Ouachita	.12	.98	.02		.97		.07						.48	.25	.32		.85	.17	.03	.59												4.83
Huttig	Ouachita		.25			1.30	.64	.60										.30			1.00												4.00
Jonesboro	White	.61	.02		1.78	.37								.03				.15	.57	1.21	.46										.09		5.22
Junction	Ouachita	.81		T.	.83	.80	.76	.67										.48			.78												5.13
Lamberth	White	.05	.20	1.12	1.58	.24	.19	.10							.05																		3.48
Little Rock	Arkansas	T.	.01	.91	1.08	.88	T.	.20					T	.39	T.	.03		.16	T.	.38								T.					3.93
Lonoke	Arkansas	1.80	.10	.02	.15	.40		.40						.81	.09		.03	.70	.09	.10	1.45												6.63
Magnolia	Red	1.50	.60			.60		.20									1.20	.20				1.10											5.40
Malvern	Ouachita			.63		.15	.68	.05								.11	.06	.10	.22		.75												3.15
Marmaduke	White		.21	.17		.17		.18							T			1.01	.21	.31	.16												2.72
Marianna	Mississippi	.01		.44	.83	1.51	1.13	.20				.15					.01	.23			.10												1.61
Marked Tree	Mississippi	.25	1.39	.43	.04	.81	3.21	1.53												.64	.17	1.05											9.66
Marshall	White	.19	.5		.37	.32		.78						.96	.02			.25		.36							.03						1.08
Mena	Ouachita	1.42	.60	.55	.27	1.00	.08								3.25	.35	.74	1.16	.19	3.32	1.09												13.91
Monticello	Arkansas		1.10			1.02		.08										.42	.02		.22												3.62
Mountain Home	White	.78	.12				.60						.38					.40		.80													3.08
Mountain View	Ouachita	.14	.65	.11		.50								.10	.75	.25		.05	.56	.46													5.84
Murfreesboro	Ouachita		.51	.9		.9	2.51	11								.22		.16			1.05	.23											7.45
Newport	White	.87			.92	.5		1.00					.20	1.10	.3	T.	T.	1.10									T						6.02
Nashville	White		.10		.60	1.40	.3								.04	.45			.80	.3	.8												4.53
Osceola	Mississippi		1.8		1.30	1.80	.90	.95											.48	.2	.46												8.28
Ozark	Arkansas	.48	.06			.8		1.10						T.	.25	.02		1.10	.04	2.14													6.88
Patterson	White				.88														.60	3.05	.85												5.78
Pea Ridge	White	1.42	.04			.36		.10						.75	.05			.18		.88													4.70
Pine Bluff	Arkansas			.40	.04	2.05		.70											.80	.25	.58					.35							5.22
Pocahontas	Arkansas	.08			.17	.20												.20	.20	.35	1.03												3.14
Rison	Ouachita	.68	.32	.06		.70	.27	.20											.02		.18	.12										.55		3.63
Prescott	Ouachita	.88	.30	.38														.59	1.39		.82												8.10
Princeton	Ouachita				1.50	T.											1.04																4.36
Rison	Ouachita		.03			4.27	.25	.18								.10		.37	.5		.21												5.85
Rogers	Arkansas		.11		T.			.50						1.16	.31	.01	.21	.06	.35														1.72
Salem	Ar	T.			.50											T.	T.	.6		.60							.50						3.20
Searcy	White					.6	.12	.11										.01		.25													5.88
Springdale	Ca			.1	.11		1.70	.35	.50									.18	1.46		.36												5.37
Star City	Arkansas	.04		.81	2.76													.04	T.	.12	.04	1.2											6.23
Stuttgart	Arkansas	.37			1.27												.06			.12	1.52												5.76
Texarkana	Red		2.22	.2	.20	.65	1.37		.27									.11	1.22		.08												7.27
Warren	Arkansas				.82														.79	1.15	.5					T.							7.50
Watson	Ouachita							.80																									1.60
Wynne	Red	1.15	1.16	.3	T.	1.10																											4.50
Yellville	Mississippi		.10	.50	T.	.80																											9.65

Except as indicated, 7 a. m. observations are made and precipitation is for 24 hours ending at that observation. Precipitation for 24 hours ending at midnight to midnight. Separate daily amounts not given below are included in next measurement. Dots (...) indicate missing data. T. trace, or less than 0.01 inch.

Daily River Stages for August, 1923.

Stations.	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Arkansas City	Arkansas	22	5.0	5.1	5.4	5.6	6.2	6.2	6.1	6.8	6.5	6.0	5.5	5.3	5.0	4.9	4.7	4.6	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
Fulton	do	20	4.6	4.3	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Little Rock	do	23	2.9	2.8	2.7	2.8	2.5	2.5	2.9	3.9	3.7	3.4	3.2	3.1	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
Pine Bluff	do	25	6.9	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
Black Rock	Black	14	2.7	2.5	2.5	2.5	2.5	2.5	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Calico Rock	White	18	0.6	0.5	0.7	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Fulton	do	23	5.6	5.1	5.3	5.7	6.3	6.6	6.4	5.3	5.2	5.2	5.4	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Georgetown	do	22	2.6	2.6	2.5	2.4	2.4	2.6	3.0	4.0	4.6	4.2	3.7	3.6	3.0	2.8	2.6	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
Clarendon	do	35	9.9	9.5	9.3	9.2	9.2	9.7	10.5	12.2	12.9	12.9	12.9	12.5	11.9	11.5	11.6	11.1	10.8	10.5	10.2	9.9	9.6	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6
Helena	Mississippi	42	12.3	11.2	10.2	10.1	10.0	10.1	10.1	10.3	10.7	10.8	10.9	11.0	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4
Arkansas City	do	45	18.8	16.6	15.1	14.2	13.6	13.1	12.8	12.5	12.2	11.9	11.6	11.3	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4
Crockett	Ouachita	49	4.2	4.1	4.0	4.0	4.5	4.7	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
Dardanelle	Red Bean	20	6.7	6.7	6.8	6.8	6.7	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1
Fulton	Red	28	6.6	6.6	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4
Arkadelphia	Ouachita	18	0.9	0.9	0.9	1.0	1.0	0.8	1.8	2.1	1.3	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.5	0.5	0.9	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0
Patterson	Cache	9	4.5	4.6	4.5	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.8	4.9	4.9	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6

Daily Temperatures for September, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	84	86	88	80	77	85	73	85	90	88	89	83	71	65	76	79	78	85	87	81	69	69	....	77	81	85	88	90	92	89	....	81.7
	Minimum	65	69	70	70	69	66	65	55	56	60	60	66	59	54	50	57	61	69	70	67	61	61	....	54	55	55	61	61	61	62	....	61.7
Bee Branch	Maximum	88	84	85	89	76	88	78	80	87	87	91	89	78	64	78	77	78	78	88	82	80	65	75	80	86	90	92	91	93	93	....	85.0
	Minimum	66	63	63	67	63	62	62	51	53	53	60	62	55	53	53	55	61	66	67	62	57	57	55	51	52	58	61	59	60	60	....	59.0
Bentonville	Maximum	88	88	90	86	82	88	79	85	89	91	90	81	72	63	69	77	74	79	77	69	73	74	76	75	84	82	86	86	82	84	....	80.6
	Minimum	69	68	62	65	62	58	56	53	58	59	63	66	58	58	55	58	66	69	66	59	56	51	53	52	60	67	66	66	65	64	....	60.9
Booneville	Maximum	90	86	89	89	84	91	88	88	98	97	98	92	84	77	67	77	74	84	81	80	78	75	79	79	85	89	91	90	91	93	....	85.8
	Minimum	67	66	69	69	67	63	65	57	62	65	69	66	61	58	55	59	67	68	66	61	57	56	57	55	62	66	68	70	72	68	....	63.8
Brinkley	Maximum	89	86	88	90	81	83	78	78	79	88	92	88	78	71	78	85	77	86	82	81	73	70	78	82	87	88	93	93	93	93	....	84.6
	Minimum	72	71	71	72	70	71	71	62	60	61	65	65	61	56	57	57	70	71	70	71	59	61	61	60	56	59	69	66	66	67	....	64.9
Calico Rock§§	Maximum	85	88	92	78	78	88	77	88	93	90	93	83	68	67	77	85	74	89	82	78	67	68	78	81	86	86	86	91	91	90	..	82.7
	Minimum	68	69	69	67	69	64	64	58	59	60	63	63	60	58	56	57	63	68	76	65	64	63	56	52	50	58	63	63	63	64	....	62.2
Camden§§	Maximum	78	84	79	86	77	85	78	85	88	89	91	91	87	71	80	86	79	89	89	82	72	73	75	81	87	90	91	91	91	91	....	84.0
	Minimum	69	68	70	71	68	68	71	64	56	56	59	61	63	61	59	61	64	68	70	67	58	58	55	51	53	55	62	64	61	61	....	62.4
Center Point	Maximum	81	82	84	84	79	86	82	84	85	88	88	89	84	69	68	82	76	86	86	84	76	75	76	79	84	88	87	88	89	90	....	82.6
	Minimum	69	68	70	68	64	65	69	67	58	60	63	65	67	60	60	63	67	66	71	72	56	54	56	54	62	66	70	68	64	65	....	64.2
Conway	Maximum	87	84	88	86	84	87	87	86	91	93	92	90	81	64	71	83	74	76	90	83	74	70	76	82	86	91	92	92	93	93	....	84.2
	Minimum	77	75	75	78	75	74	73	63	61	61	67	66	62	58	60	62	67	68	66	66	65	61	60	62	65	65	62	62	62	62	....	65.6
Corning	Maximum	89	83	88	81	77	85	77	86	90	89	89	81	81	71	75	80	80	87	89	80	70	69	70	85	83	85	91	93	93	92	....	82.8
	Minimum	69	68	66	67	68	66	65	56	56	58	56	63	55	50	51	56	60	68	69	65	59	57	52	51	55	56	61	60	61	62	....	60.1
Dardanelle	Maximum	91	83	82	88	88	79	85	83	84	86	88	88	88	76	69	78	78	77	83	85	85	77	69	75	76	82	88	90	87	88	....	82.9
	Minimum	73	70	70	72	67	66	70	56	59	64	65	68	66	61	58	57	69	68	71	65	62	62	62	56	59	67	68	66	68	68	....	65.0
Dodd City	Maximum	83	79	88	84	82	88	82	85	91	90	94	76	72	70	72	76	71	83	86	72	70	69	63	75	75	79	79	85	88	87	89	79.9
	Minimum	65	65	61	62	65	60	59	50	55	56	60	62	55	53	48	54	52	66	65	59	51	51	51	48	55	62	61	60	61	61	....	57.8
Dumas	Maximum	90	87	85	88	82	80	79	81	86	88	90	90	82	78	78	86	80	88	94	82	78	72	76	85	85	82	94	95	90	92	....	84.8
	Minimum	70	72	70	71	71	70	70	65	57	59	62	65	65	59	60	57	71	72	70	72	58	60	59	52	53	60	62	65	62	63	....	64.1
Dutton	Maximum	77	79	85	86	81	82	70	78	88	85	84	86	76	72	66	75	75	76	79	67	71	75	81	60	74	68	72	85	83	77	....	77.1
	Minimum	65	63	61	59	57	55	52	56	50	52	54	56	55	55	54	55	65	67	61	56	56	47	45	45	53	58	61	57	56	56	....	56.1
El Dorado	Maximum	81	88	78	87	81	85	79	86	88	90	92	97	87	82	84	87	80	92	91	85	77	74	75	82	89	89	93	92	92	92	....	85.8
	Minimum	71	70	72	71	70	69	71	65	59	61	63	65	66	62	60	64	70	68	71	67	58	56	61	55	57	65	67	68	63	65	....	65.9
England	Maximum	85	81	85	85	81	88	78	86	90	92	92	90	82	66	71	86	80	87	91	83	74	70	75	83	86	88	92	92	91	92	....	84.1
	Minimum	70	67	70	70	68	70	70	61	58	61	64	65	64	58	59	59	70	70	73	69	58	60	61	63	55	61	68	63	64	64	....	64.6
Eureka Springs	Maximum	86	84	92	92	87	89	82	86	91	93	92	86	74	66	71	79	75	83	78	71	76	77	80	76	84	81	88	89	83	87	....	82.6
	Minimum	68	66	62	66	62	63	62	51	65	59	66	63	56	57	64	54	63	68	67	57	56	50	51	51	57	65	64	65	64	63	....	60.9
Evening Shade	Maximum	88	89	90	78	77	87	77	86	88	91	90	86	82	68	76	81	76	88	84	81	72	69	75	82	81	81	90	92	94	93	....	83.1
	Minimum	67	67	67	67	67	61	62	52	54	54	59	57	56	52	49	55	60	68	68	65	60	59	57	59	51	51	60	58	60	60	....	59.1
Fayetteville	Maximum	84	89	88	82	79	87	78	78	82	88	90	86	78	75	75	78	75	79	75	73	73	76	76	77	81	87	87	86	84	84	....	80.8
	Minimum	69	66	64	60	61	61	62	52	58	61	67	60	58	53	54	55	55	65	64	58	57	52	49	51	53	67	68	67	62	61	....	59.9
Fort Smith	Maximum	88	86	90	89	85	87	80	88	92	91	93	93	79	65	64	76	76	80	82	78	77	74	76	78	84	90	89	90	88	88	....	83.2
	Minimum	73	68	71	70	66	65	65	58	61	65	66	67	65	61	60	60	67	66	67	62	59	57	57	57	62	67	70	69	69	68	....	61.6
Grannis	Maximum	82	82	83	83	75	81	81	84	86	88	88	90	85	71	71	80	75	83	81	84	75	75	75	78	83	87	87	87	89	86	....	81.9
	Minimum	64	64	67	66	64	62	65	53	55	57	58	59	63	55	53	59	64	65	62	68	52	51	54	51	59	63	62	62	62	61	....	60.3
Gravette	Maximum	89	85	90	89	83	88	79	87	91	92	91	86	79	68	70	80	75	78	75	78	74	77	78	76	85	83	87	87	82	84	....	81.9
	Minimum	69	68	59	62	60	57	61	49	57	57	60	64	59	60	55	57	65	68	65	64	54	49	52	55	58	62	66	64	64	65	....	60.0
Harrison	Maximum	83	80	85	83	82	86	82	88	84	81	94	85	75	68	83	82	74	81	82	81	77	74	73	73	83	82	86	85	86	82	....	81.8
	Minimum	62	64	70	65	63	67	62	53	58	50	68	64	50	55	63	53	65	60	61	65	69	60	58	58	54	66	67	67	67	68	....	61.7
Hope	Maximum	85	83	82	83	80	89	79	....	....	....	....	....	....	90	74	88	85	90	89	86	73	77	79	86	90	94	96	96	90	92	....	85.9
	Minimum	67	63	71	67	65	68	67	....	....	....	....	....	....	57	60	62	67	69	75	66	57	57	55	57	59	65	68	66	65	64	....	64.9
Hot Springs	Maximum	86	81	83	85	83	86	77	85	88	89	90	90	87	69	65	83	80	84	87	84	76	68	71	78	84	89	88	89	89	90	....	82.6
	Minimum	70	67	68	68	68	65	67	57	57	60	62	65	64	59	57	61	69	66	67	67	57	57	60	53	56	63	66	64	62	63	....	62.9
Huttig	Maximum	86	87	84	93	90	80	82	84	87	83	91	90	90	88	83	87	85	90	94	93	80	75	76	82	86	90	92	94	91	91	....	86.7
	Minimum	70	71	71	71	71	70	70	68	58	60	63	64	66	64	62	62	63	71	70	67	59	61	63	54	55	62	64	67	62	65	....	64.7
Jonesboro	Maximum	90	85	87	79	78	85	77	86	89	86	87	81	76	69	78	79	79	85	88	87	73	71	77	85	83	86	90	92	92	92	....	82.9
	Minimum	69	69	70	70	69	69	69	60	61	63	62	68	59	54	54	55	54	63	66	64	61	60	63	58	58	63	64	66	66	66	....	62.9
Junction	Maximum	87	90	78	82	79	78	77	85	88	90	92	93	90	84	85	86	90	91	93	85	79	81	83	87	91	94	96	93	94	93	....	87.2
	Minimum	68	69	71	72	70	71	70	66	56	58	60	62	64	65	66	67	69	71	70	67	69	71	70	67	69	71	72	52	55	60	....	64.1
Little Rock	Maximum	82	80	82	84	74	83	76	84	88	90	89	88	78	63	67	81	74	86	87	81	67	68	71	79	84	87	88	87	90	90	....	84.1
	Minimum	71	69	71	69	68	68	66	62	60	63	68	69	62	58	57	60	69	69	71	65	62	61	62	63	61	66	64	69	68	68	....	65.4
Lutherville	Maximum	81	84	85	88	79	84	79	81	85	86	88	89	72	65	65	76	73	81	83	77	70	78	74	77	81	87	89	88	88	87	....	80.9
	Minimum	68	68	67	70	65	63	63	55	59	64	65	66	56	57	57	61	67	68	65	64	60	56	60	55	59	65	68	66	68	66	....	63.9
Magnolia	Maximum	80	83	81	86	76	86	81	83	88	90	90	90	89	88	80	86	82	91	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89	75	78	81	88	93	92	91	90	90	....	85.4
Malvern	Maximum	85	83	88	87	82	89	80	88	90	92	91	94	86	71	67	87	79	87	91	84	74	71	73	78	86	91	91	95	92	93	....	84.8
	Minimum	70	66	68	72	68	68	72	61	56	58	61	62	64	61	58	59	70	67	72	67	66	65	62	55	55	61	65	61	61	62	....	63.8
Mammoth Spring	Maximum	85	84	92	79	80	89	79	89	93	90	93	82	78	70	77	82	77	86	84	81	67	67	73	78	82	81	89	93	93	91	....	83.3
	Minimum	69	70	68	68	70	69	64	56	54	59	68	62	58	55	49	58	64	65	72	62	60	59	55	54	58	66	68	66	60	62	....	63.9
Marianna	Maximum	90	88	87	86	85	81	80	82	85	86	86	85	80	72	74	80	81	87	91	85	79	71	74	76	86	88	88	87	87	87	....	84.1
	Minimum	71	70	71	71	69	73	69	66	64	60	66	64	62	58	59	58	59	68	68	66	65	61	64	65	66	67	67	67	67	67	....	66.4
Marked Tree §§	Maximum	84	86	82	84	80	77	85	87	90	88	84	77	75	77	78	80	85	86	87	83	73	73	81	82	86	91	93	93	92	87	....	84.2
	Minimum	69	70	71	70	69	70	69	60	58	62	61	62	60	53	55	57	60	70	70	67	64	64	66	63	65	65	66	66	65	66	....	62.9
Marshall	Maximum	85	82	86	80	80	82	77	84	87	83	86	82	72	67	74	78	72	76	77	73	70	66	73	77	82	82	85	85	85	85	....	79.1
	Minimum	70	69	67	69	66	64	65	54	62	63	65	64	60	57	54	58	65	70	74	69	58	58	56	57	67	70	67	67	65	65	....	64.3
Mena	Maximum	89	85	89	89	79	86	79	89	90	91	92	90	84	70	62	82	74	77	84	77	73	85	77	82	88	88	88	92	88	87	....	82.5
	Minimum	69	65	68	67	67	63	68	54	57	60	60	62	65	59	57	62	67	67	67	64	58	52	55	52	61	64	64	61	61	62	....	62.1
Mt. Home	Maximum	82	82	90	83	88	78	86	91	90	93	80	71	65	77	80	77	82	78	82	78	68	68	75	78	88	88	92	95	92	92	....	82.7
	Minimum	65	64	62	64	58	58	48	52	56	58	60	51	52	46	54	62	65	64	59	65	55	48	47	50	58	60	58	60	58	58	....	56.9
Mount Ida	Maximum	88	85	88	89	76	87	80	87	92	93	92	93	81	68	83	84	79	87	87	84	75	76	80	87	91	89	93	92	91	91	....	85.9
	Minimum	69	65	67	66	65	64	58	52	52	54	57	58	61	59	58	57	65	66	65	65	58	58	57	57	67	69	69	68	66	60	....	61.8
Nail	Maximum	87	88	87	80	80	79	71	79	80	84	86	80	76	67	61	76	67	68	77	78	68	70	73	79	86	86	87	88	86	86	....	77.8
	Minimum	68	67	66	65	63	67	68	60	62	63	63	62	59	55	51	58	61	61	61	63	51	53	50	50	53	57	58	60	62	67	....	60.3
Newport	Maximum	90	89	87	83	78	85	79	87	89	89	90	84	77	66	76	79	73	86	87	84	77	67	75	82	85	86	90	94	92	91	....	83.2
	Minimum	72	70	63	69	75	70	70	61	60	65	65	69	69	55	54	58	67	71	70	67	63	61	55	61	58	62	66	67	67	67	....	64.6
Osceola	Maximum	90	83	85	83	84	87	82	84	89	90	87	86	80	74	79	81	81	86	86	85	82	....	....	....	....	....	....	....	....	....	....	....
	Minimum	70	70	68	70	70	69	70	60	68	64	60	61	59	54	56	57	67	69	70	71	59	59	57	57	58	59	56	62	67	63	....	62.6
Ozark	Maximum	88	88	89	90	85	88	81	82	91	90	91	91	79	68	66	89	74	85	88	88	84	84	84	79	79	85	90	89	91	89	....	84.1
	Minimum	67	69	67	66	68	69	63	49	58	61	63	65	65	60	62	60	66	65	65	67	61	54	55	53	61	62	70	68	66	64	....	63.2
Pine Bluff	Maximum	85	83	85	88	83	84	80	87	91	91	92	94	85	71	74	87	79	90	96	84	77	77	77	85	88	91	90	92	93	94	....	87.3
	Minimum	69	69	70	70	66	70	70	60	57	59	62	64	66	60	60	59	72	69	72	68	58	59	62	76	65	62	64	64	64	64	....	65.4
Pocahontas	Maximum	88	85	87	83	78	80	82	87	88	89	87	83	79	70	78	80	81	85	82	87	72	76	80	82	82	82	87	90	93	92	....	82.9
	Minimum	70	69	70	68	69	69	66	55	56	62	59	65	59	54	55	55	62	69	71	67	62	60	55	55	55	57	62	63	65	....	....	....
Portland	Maximum	87	85	85	89	83	82	78	84	84	85	88	89	84	82	80	85	79	89	90	84	82	76	74	76	79	82	87	87	89	90	....	84.2
	Minimum	69	71	69	70	71	70	70	67	58	60	62	64	66	62	61	62	71	72	68	66	60	62	64	55	55	61	62	65	63	65	....	64.1
Prescott	Maximum	75	79	84	87	76	89	80	86	87	90	91	91	86	77	74	85	79	89	89	85	79	74	76	79	82	91	91	90	91	91	....	85.1
	Minimum	71	69	70	70	67	67	66	61	58	60	63	65	66	61	59	61	67	66	69	66	57	57	56	55	58	64	67	65	64	65	....	64.0
Rison	Maximum	83	84	84	86	80	80	78	86	90	90	90	82	85	73	77	85	80	83	91	85	77	73	74	82	85	90	91	90	91	91	....	85.3
	Minimum	70	70	71	71	65	70	67	62	60	72	64	65	65	60	60	59	69	69	73	67	58	55	62	55	56	63	67	66	64	66	....	65.4
Rogers	Maximum	85	80	88	86	82	87	79	87	91	90	92	82	73	67	70	77	75	79	77	76	74	74	78	75	82	82	85	87	84	84	....	81.2
	Minimum	69	58	61	63	64	59	63	49	54	57	59	64	57	59	54	56	65	69	65	58	58	49	49	57	65	58	63	60	60	62	....	59.1
Snow Lake§§	Maximum	90	86	88	86	82	80	83	86	86	87	91	89	87	87	84	84	87	90	84	77	71	73	81	83	85	84	91	91	91	90	....	86.1
	Minimum	69	69	71	73	70	70	65	59	60	63	63	64	64	64	65	60	67	70	69	58	60	61	53	54	57	59	59	62	64	64	....	62.1
Stuttgart	Maximum	86	85	86	87	80	84	78	84	88	90	90	88	79	71	74	84	77	89	90	82	73	70	77	83	89	91	96	95	92	94	....	84.9
	Minimum	71	69	72	72	68	70	66	63	59	61	64	65	63	59	59	58	69	70	72	69	58	61	60	57	55	61	65	65	65	63	....	63.5
Subiaco	Maximum	90	86	92	92	85	90	81	90	95	94	95	81	68	61	79	76	86	88	89	74	75	79	81	87	92	93	92	95	92	....	....	....
	Minimum	70	69	69	69	66	62	65	57	59	62	63	64	64	58	58	59	68	68	68	63	59	50	56	53	58	64	67	66	66	64	....	62.4
Texarkana	Maximum	79	82	82	80	78	78	80	87	90	90	92	92	90	80	79	82	78	90	88	79	77	83	78	90	89	91	90	90	92	92	....	85.1
	Minimum	68	69	71	67	70	69	71	64	58	60	62	65	68	63	62	64	70	68	72	68	56	55	57	55	62	64	70	69	67	68	....	65.1
Wynne	Maximum	91	85	87	89	82	82	77	86	89	91	89	86	74	74	78	80	78	78	82	81	73	74	72	81	84	88	91	91	90	91	....	85.2
	Minimum	73	71	71	72	69	70	71	61	58	62	64	63	61	56	55	59	70	70	69	71	58	61	61	60	57	58	65	66	65	65	....	64.1

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., OCTOBER, 1923. No. 10.

GENERAL SUMMARY.

The outstanding characteristics of the weather in Arkansas during October, 1923, were the low temperatures and the rather heavy rains in the border counties. Monthly mean temperatures were normal or below at all stations in the State except Hope. During the past 33 years the mean temperature for October has been lower but three times. Normally October is the driest month of the year and while this is true at a few central stations thus far this year, for most of the State it is not. The rainfall was heaviest in the northern, western, and west-central counties. In these sections cloudy rainy weather interfered seriously with harvesting and, for the State as a whole, the sunshine was deficient, there being only 12 clear days, whereas October normally has 18. Killing frost occurred at a number of stations the 22d and 23d and over most of the State the 31st, but crops were practically all matured and damage was slight. The close of the month found most cotton picked and fall plowing progressing.

Heavy rains in Oklahoma caused moderately high water in the Arkansas River, the stage being above flood at Dardanelle from the 18th to the 20th. At the State Dairy Farm, a few miles below Little Rock, caving of the river bank resulted in the loss of a barn and several acres of valuable land. Damage to crops in the lowlands was considerable.

During the crop season just closed, April 1st to October 31st, the temperature averaged about 0.5° below normal and the precipitation more than 6.00 inches above normal. Boll weevil and worms did serious damage to the cotton crop and dry weather at the critical period seriously injured early corn, especially in the western and northwestern counties. For most other crops the year was favorable.

W. C. H.

TEMPERATURE.

The mean temperature for the month of October, as determined from the records of 53 stations, was 59.2° which is 3.1° below normal, all stations for which normals have been computed showing negative departures except Hope. The highest monthly mean was 64.0° at Hope, the lowest, 53 2° at Dutton. The highest temperature recorded was 94° at Junction on the 1st, the lowest, 20° at Dutton on the 23d and at Dodd City on the 31st. Extremes occurred on approximately these dates throughout the State. The greatest daily range was 48° at Mountain Home on the 24th.

PRECIPITATION.

The average precipitation for Arkansas during the month of October, as determined from the records of 72 stations, was 3.53 inches, which is 0.53 inch above normal. Most stations in central sections of the State showed negative departures with positive prevailing elsewhere. Monthly totals ranged from 0.90 inch at Malvern to 7.34 inches at Waldron. The greatest amount measured in 24 consecutive hours was 4.48 inches at Helena on the 17th. The number of rainy days ranged from 1 at Rison to 17 at Bentonville, the average number being 7.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	30.13	30.49	31	29.57	16	2,583	14	n.	18	.....	.....	44
Fort Smith...	30.11	30.49	31	29.51	16	4,852	30	nw.	18	84	68	47
Little Rock	30.12	30.47	22	29.46	16	4,829	30	n.	18	89	69	58
Memphis....	30.12	30.47	31	29.43	18	4,660	30	ne.	18	86	70	65

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 1st, 4; 2d, 3; 3d, 1; 4th, 2; 7th, 1; 8th, 1; 29th, 2; 30th, 2.

Dense Fog:– 4th, 1; 17th, 2; 29th, 4.

Earthquake:- 28th. Slight damage in northeastern counties.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mnthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
***Means and Extremes.**	**62.3**		**101**	**12**	**3.00**		**18**	**6**	**7**	**5**
1891.....	60.4	−1.9	92	27	0.65	−2.35	25	4	2	2
1892.....	63.8	+1.5	92	27	3.26	+0.26	16	7	8	6
1893.....	60.5	−1.8	99	23	1.30	−1.70	24	4	3	3
1894.....	63.0	+0.7	96	24	1.52	−1.48	22	5	4	3
1895.....	57.1	−5.2	95	21	1.44	−1.56	19	6	6	4
1896.....	60.8	−1.5	98	25	3.59	+0.59	18	5	8	6
1897.....	67.6	+5.3	99	28	2.01	−0.99	21	6	4	3
1898.....	60.0	−2.3	100	23	5.44	+2.44	16	7	8	8
1899.....	65.6	+3.3	101	28	2.88	−0.12	19	7	5	5
1900.....	66.0	+3.7	97	32	4.31	+1.31	14	10	7	6
1901.....	63.7	+1.4	95	27	2.07	−0.93	18	9	4	4
1902.....	62.5	+0.2	90	27	2.68	−0.32	18	9	4	4
1903.....	60.9	−1.4	97	26	2.22	−0.78	17	8	6	4
1904.....	62.5	+0.2	100	20	0.94	−2.06	23	5	3	2
1905.....	61.1	−1.2	92	23	4.49	+1.49	15	11	5	7
1906.....	58.2	−4.1	94	25	2.38	−0.62	18	5	8	6
1907.....	61.9	−0.4	96	23	3.03	+0.03	16	7	8	6
1908.....	59.2	−3.1	93	24	0.48	−2.52	21	6	4	2
1909.....	63.0	+0.7	98	24	2.15	−0.85	21	6	4	3
1910.....	62.9	+0.6	96	16	5.19	+2.19	21	5	5	6
1911.....	62.7	+0.4	101	25	1.67	−1.33	14	9	8	5
1912.....	63.8	+1.5	96	22	2.97	−0.03	18	8	5	4
1913.....	60.1	−2.2	95	18	5.41	+2.41	13	9	9	9
1914.....	63.0	+0.7	93	21	1.74	−1.26	13	8	10	5
1915.....	63.1	+1.1	94	26	2.83	−0.17	22	4	5	4
1916.....	62.8	+0.5	96	21	2.30	−0.70	21	4	6	4
1917.....	56.6	−5.7	99	12	1.89	−1.11	21	5	5	5
1918.....	65.6	+3.3	100	30	3.99	+0.99	13	5	13	8
1919.....	66.6	+4.3	98	33	10.90	+7.90	6	5	20	14
1920.....	64.2	+1.9	93	25	4.39	+1.39	16	6	9	7
1921.....	61.6	−0.7	96	27	0.72	−2.28	23	4	4	3
1922.....	63.1	+0.8	98	20	1.47	−1.53	18	6	7	4
1923.....	59.2	−3.1	94	29	3.53	+0.53	12	9	10	7

*Based on 30 years record.

Climatological Data for October, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).							Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	186	27	....	.....	.....	.....	.....	.....	.....	1.33	−1.04	1.00	0	3	14	4	13	.....	F. J. Carpenter.
Arkansas City	Desha	145	39	....	.....	.....	.....	.....	.....	.....	2.54	+0.62	1.80	0	5	16	10	5	n.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.70	.....	0.60	0	10	14	5	12	se.	J. D. Reeves.
Batesville	Independence	277	24	57.4	− 4.1	83	1	28	31	41	3.59	+0.54	1.76	0	7	13	3	15	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	31	56.6	− 5.6	86	1	27	23	42	3.14	+0.54	1.37	0	8	13	4	14	ne.	J. E. Scanlan.
Bentonville	Benton	1303	17	54.8	− 3.2	78	1	24	31	34	6.60	+3.79	2.37	0	17	10	8	13	n.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	6.16	+3.75	2.76	0	9	19	0	12	.....	Vernon C. Howe.
Booneville.. ††	Logan	600	9	60.4	.....	84	1†	31	31	32	3.53	.....	1.54	0	11	14	6	11	s.	Supt. Tuberculosis San
Brinkley	Monroe	205	41	61.4	− 0.6	87	1	31	24†	41	4.14	−1.37	2.50	0	5	16	6	9	n.	H. L. D. Whitson.
Calico Rock	Izard	361	19	58 0[a]	.....	85	1†	26[b]	31	39[b]	3.20	+0.77	0.75	0	12	15	6	10	nw.	W. J. Copp.
Camden	Ouachita	158	37	61.2	− 2.4	91	1	29	23†	43	2.37	0.00	1.12	0	7	16	6	9	n.	A. B. Quarterman.
Centerpoint	Howard	470	24	62.2	− 3.3	89	1†	33	23	33	2.75	0.16	1.17	0	10	12	7	12	se	John C. Floyd.
Clarendon	Monroe	200	19	.....	.....	.....	.....	.....	.....	.....	3.62	+0.74	1.47	0	7	12	7	12	ne.	I. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	2.32	.....	1.07	0	5	15	7	9	w.	Dr. R.M Hunter.
Conway	Faulkner	309	39	59.9	− 1.3	88	1	27	23†	43	2.37	−0.19	0.78	0	7	18	3	10	n.	E. E. Cordrey.
Corning	Clay	293	23	56.2	− 2.9	84	1†	24	31	42	5.64	+2.69	1.70	0	9	17	5	9	e.	Rev. N. E Skinner
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	5.06	.....	2.50	0	7	15	0	16	e.	C. P. Evans.
Dardanelle	Yell	330	37	61.1	− 1.4	88	1	32	24	28	3.52	+0.99	2.00	0	5	17	0	14	s.	J. D. Riley.
Dodd City	Marion	1175	41	53.4	− 6.4	74	1†	20	31	42	3.56	+0.56	1.30	0	10	11	10	10	s.	Neal Dodd.
Dumas	Desha	162	16	61.3	− 2.9	90	1	29	23	43	4.04	+1 31	2 25	0	7	12	13	5	n.	Ben Johnson.
Dutton	Madison	1590	21	53 2	− 5.6	86	14	20	23	43	3 62	+0.42	0 62	0	10	12	8	11	se.	J. M. Ricketts.
El Dorado	Union	270	23	63.4	− 1.2	92	1	33	23†	37	2 96	+0.77	1.85	0	6	11	9	11	ne.	J. J. Babb.
England	Lonoke	229	16	61.2	− 1.1	88	1	31	31	42	1.83	−0.62	1.17	0	5	15	7	9	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	55.9	− 3.9	88	1	23	31	36	5.19	+2.42	0.88	0	12	11	8	12	n.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	21	57.6	.....	92	1	25	31	42	2.83	.....	0.91	0	6	15	8	8	s.	C. C. Price.
Fayetteville	Washington	1451	37	56.4	− 4.1	81	1	24	31	37	4.75	+1.67	0.90	0	10	17	1	13	ne.	University of Arkansas
Fort Smith	Sebastian	451	41	59.8	− 1.9	82	2	34	31	29	3.13	+0.30	0.77	0	15	10	5	16	e.	U. S. Weather Bureau
Fulton	Hempstead	260	37	....	.....	.....	.....	.....	.....	.....	1.96	+0.06	0.92	0	4	11	8	12	.....	P. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	4.58	.....	2.00	0	6	16	1	14	n.	Arthur Lentz.
Grannis	Polk	900	5	59.5	.....	87	2	28	22	37	2.63	.....	0.69	0	9	21	3	7	n.	W. E. Mc Vay.
Gravette	Benton	1250	25	55.2	− 4.2	79	1	22	31	36	7.04	+4.05	2.00	0	13	11	5	15	ne.	A. F. Stevens.
Harrison	Boone	1052	2	54.7	.....	81	1	23	24	41	1.80	.....	0.65	0	5	20	4	7	sw.	A. C. Books.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	5.89	+3.53	4.48	0	7	19	2	10	.....	James A. Burnett.
Higden	Cleburne	445	5	.....	.....	.....	.....	.....	.....	.....	3.42	.....	1.06	0	6	18	6	7	nw.	J. A. Ingram.
Hope	Hempstead	377	51	64 0[b]	+ 1.1	93[b]	1	29[b]	24	45[b]	1.58	−1.66	0.71	0	5	14[c]	4[c]	10[c]	n.	N. P. O' Neal.
Hot Springs	Garland	600	30	60.5	− 3.2	89	1	31	23	36	1.56	−1.14	0.75	0	9	15	6	10	.....	P. P. Patraw.
Huttig	Union	175	16	63.6	− 1.0	93	1	33	23†	41	5.00	+2.80	4.00	0	2	22	3	6	se.	J. L. Collett.
Jonesboro	Craighead	345	28	58.2	− 4.4	85	13	28	31	35	5.17	+2.17	2.44	0	11	18	3	10	ne.	Benedictine Sisters.
Junction	Union	182	30	63.2	− 0.7	94	1	29	23†	39	3.55	+0.92	2.27	0	3	20	6	5	n.	J. A. Lowderback.
Lambrook	Phillips	155	1	.....	.....	.....	.....	.....	.....	.....	5.77	.....	3.72	0	4	20	0	11	.....	G. A. Newton.
Little Rock	Pulaski	286	44	60.8	− 2.8	87	1	34	31	28	1.03	−1.55	0.69	0	5	14	6	11	e.	U. S. Weather Bureau
Lutherville. ‡‡	Johnson	775	26	59.2	− 2.0	32	1†	28	31	30	2.95	−0.61	0.92	0	11	14	7	10	e.	H. Kauffeld.
Magnolia	Columbia	315	5	63.4[f]	.....	91[f]	1	30[f]	24	40[f]	2.50	....	1.10	0	4	10[f]	9[f]	6[f]	ne.	State Agri. School.
Malvern	Hot Springs	277	40	61.6	− 1.1	92	1	29	23†	42	0.90	−1.41	0.40	0	6	16	4	11	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	512	18	58.0	− 0.1	85	1	23	31	46	3.59	+0.90	0.76	0	10	15	8	8	n.	F. Wallick
Marianna. ††	Lee	235	14	60.8	− 2.7	88	1	32	23†	34	3.65	.....	2.60	0	4	16	11	4	e.	C. N. Houck.
Marked Tree	Poinsett	229	18	57.8	.....	84	12	30	30†	40	4 29	−0.25	3.03	0	8	18	8	5	sw.	Charles Walton
Marshall	Searcy	1083	8	54 5	.....	79	1†	28	31	31	2.51	.. ...	0.46	0	11	12	10	9	nw.	W. F. Reeves.
Mena †	Polk	1185	35	59.2	− 3.2	84	1	31	23	33	6.25	+3.00	2.27	0	15	11	11	9	se.	E. W. St. John.
Morrilton	Conway	347	3	55.8[j]	.....	79[g]	8†	32[j]	31	31[j]	2.14	.....	0 87	0	5	16[g]	2[g]	7[g]	se.	W. C. Jackson.
Mountain Home	Baxter	800	9	56 0[h]	... ..	84[e]	1†	21	31	45[e]	4.21	.....	1.95	0	9	16	2	13	n.	B. S. Halbert.
Mount Ida	Montgomery	730	25	59.2	.....	91	1	23	23	46	2.49	−0.73	0.83	0	6	12	7	12	nw.	G. A. Whittington
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	3.08	.....	1.07	0	11	9	4	18	.....	Henry A. Davis.
Nail	Newton	2233	30	56.2	− 2.8	82	1	25	31	25	3.30	−0.41	0.50	0	9	14	7	10	s.	Charles Paxton.
Newport	Jackson	231	39	59.5	− 1.4	85	1	31	31	33	5.12	+2.72	2.10	0	8	17	4	8	nw.	Geo. L. Robinson.
Osceola	Mississippi	240	23	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ozark	Franklin	450	27	60.0	− 3.5	85	2	30	30	38	3.90	+0.94	1.06	0	7	11	6	14	nw.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	4.72	.....	2.75	0	6	19	0	12	ne.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	3.46	.....	1.20	0	13	13	5	13	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	62.6	− 0.6	92	1	33	24†	44	2 47	+0.12	1.15	0	6	23	0	8	ne	Miss Theares Scheu.
Pocahontas	Randolph	300	31	59.0	− 1.8	84	2	27	31	40	5.40	+2.73	1.50	0	11	17	3	11	n.	Benedicitine Sisters
Portland	Ashley	122	17	61.8	− 1.6	89	1	33	25	35	3.90	+1.47	1.70	0	4	18	7	6	n.	W. E. Edmiston.
Prescott	Nevada	329	41	62.4	− 1.6	91	1	32	24	38	1.53	−0.67	0.86	0	10	19	3	9	n.	O. J. Stephenson.
Princetown	Dallas	287	16	....	.....	.....	.....	.....	.....	.....	0.95	−1.45	0.75	0	2	27	3	1	.....	Foote Coleman.
Rison	Cleveland	243	19	62.9	− 0.8	92	1	32	23	38	1.84	−0.69	1.84	0	1	14	5	12	nw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	55.0	− 4.4	81	1	23	31	36	6 10	+3.40	1.50	0	12	13	4	14	ne.	Carl A Starck.
Searcy	White	236	10	57.9	− 3.4	87	1	29	25	43	1.50	−1 69	1.00	0	3	19	7	5	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	60.2	.....	86	1†	32	22†	43	3.89	.....	3 00	0	4	25	5	1	.....	L. L. Britt.
Springbank ‡‡	Miller	240	11	....	.....	.....	.....	.....	.....	.....	4.04	+2.17	2.30	0	5	20	2	9	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	61.0	− 1.1	88	1	30	23	40	2.58	−0.18	1.60	0	5	16	10	5	ne.	H. A. Buerkle.
Subiaco	Logan	1050	26	60.6	− 2.8	89	1	31	23†	39	2.97	−0.12	2.42	0	4	16	6	9	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	63.9	− 1.6	93	1	32	24	39	4.00	+1.80	1.87	0	9	12	6	13	n	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	7.34	.....	2.71	0	13	10	2	19	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	57.7	− 6 1	83	1†	31	20†	44	4.50	+1.35	2.50	0	3	26	1	4	n.	Mrs. W. L. Hartsell.
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	3.15	−0.89	1.65	0	5	12	2	17	ne.	Nannie O. Schirmer
Wynne	Cross	250	15	60.1	− 1.3	85	1†	30	24†	38	3.81	+0.50	2.85	0	5	18	2	11	n.	E. O. Allen.
State Means and Extreme				59.2	− 3.1	94	1	20	23	48	3.53	+0.53	4.48	0	7	12	9	10	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for October, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia	Ouachita																1.00	.15										.18					1.33
Arkansas City	Mississippi		.10															.20	1.80	T.	.04										T.	.40	2.54
Arlberg	White	.40			.20	.30											.50	.40	.20									.50	.60	.30	.30		3.70
Batesville	White					.38											.08	1.76	.50	T.								.04	.61		.22		3.59
Bee Branch	Arkansas	T.			.10	T.											.61	.20	.17		.05						.04	.60	1.37				3.14
Bentonville	Arkansas	T.	T.	.87	.23		.02	.26					.01	1.92	.69	.70	.01	.04	.45		.13					.01	.15	.31	T.	.68	.12		6.60
Black Rock	White	.63				.32											T.	2.76	.94	.07	.04							T.	.54	.55	.31		6.16
Booneville	Arkansas	.11			.04										.21	.13	.02		.06								.10	1.02	1.54	.23	.07		3.53
Brinkley	White																.04	2.50	.71	.11											.78		4.14
Calico Rock	White	.09	T.		.58	.48		T.							T.	.02	.05	.75	.30	.03		.02						T.	.34	.29	.25		3.20
Camden	Ouachita				.11												1.12	.39	.04	.03											.43	.25	2.37
Center Point	Red	.08	.22	.20	T.	T.									.01	.22	1.17	.03	.31		T.						.19	T.			.32		2.75
Clarendon	White		.04		T.											T	.20	1.47	1.26	.03											.57	.05	3.62
Clinton	White					T.											.42		.27		T.						T.	.48	1.07		.08		2.32
Conway	Arkansas				T.										.03		.56	.11			.07						.11	.71	.78				2.37
Corning	White				.10												1.50	1.58	1.70		.11							.14	.25	.04	.22		5.64
Danville	Arkansas	.15		T.													.68	.15	.12			T.							2.50	1.28	.18		5.06
Dardanelle	Arkansas																.60	.24											2.00	.64	.04		3.52
Dodd City	White			.96			.03								.11		.31	.22	.24		.06						.12	.21		1.30			3.56
Dumas	Arkansas				04												.65	2.25	.04	.02											.30	.74	4.04
Dutton	White				.62										.27	.45	.03		.12								.35	.40	.29	.53	.56		3.62
El Dorado	Ouachita				T.	.04											1.85	.55	.03												.25	.24	2.96
England	Arkansas	.04			T.												1.17	.03	.25		T.										.34		1.83
Eureka Springs	White				.60	.46	.10							.42	.77	.31			.70		.15						.10	.30		.40	.88		5.19
Evening Shade	White				.16												.91	.76										.51	.25		.24		2.88
Fayetteville	White			T.	.90		T.	T.						.40	.82	.42			.30		.30					.06	.35	T.	.35	.85		4.75
Fort Smith	Arkansas	.01	.28	.03	.22		.01							.15	.65	.24		T.			.01					.01	.15	.65	.45	.20	.07		3.13
Fulton	Red				.45											T.	.92	T.	T.								.07				.52		1.96
Georgetown	White		T.			.06											.05	2.00	2.00	.07									.40		T.		4.58
Grannis	Red		.47	.25		.06							T	2.00	1.00	.78	.03		.51		.13						.15	.28		.09	.80		7.04
Gravette	Arkansas		.12	1.06	T.		T.	.09									.06	.02										.54	.12	.42			2.63
Harrison	White																.30	.20									.25		.65	.40			1.80
Heber Springs	White																																
Helena	Mississippi					.01											.20	4.48	.16	.14											.20	.70	5.89
Higden	White				.03												1.06	.35									1.06	.86	.06				3.42
Hope	Red		.14	.26													.71									.17				.30			1.58
Hot Springs	Ouachita	.08			T.											T.	.75	.08	.23		.03						.23	.06	.07	T.	.03		1.56
Huttig	Ouachita															4.00															1 00		5.00
Jonesboro	White	.01			.16	.07											2.44	.74	.69		.06						.01	.33	.63	T.	.03		5.17
Junction	Ouachita				.71												2.27														.57		3.55
Lambrook	White																3.72	1.47	.11												.47		5.77
Little Rock	Arkansas	T.		T.	T											T.	.69		.04		T.						.09	.11			.07		1.00
Lutherville	Arkansas		.02	.16	.03	.05										.05	.45										.29	.66	.92	.12	.20		2.95
Magnolia	Red				.30									.20			.90														1.10		2.50
Malvern	Ouachita																.40	.12	.04	.10								.13			.11		0.90
Mammoth Spring	White	.32			.42	.02											.62	.76	.56		.09							.30		.35	.15		3.59
Marianna	Mississippi																2.60	.34	.35												.36		3.65
Marked Tree	Mississippi					.17	T.										T.	3.03	.35	.03		.04						.12	.18	.46	.14	.08		4.29
Marshall	White	.22			.40										T.	T.	.38	.20	.25		.08								.59	.06	.02		2.51
Mena	Ouachita		.32	.02	.12	.27	.04								.22	.23	.25	.11	.27		1.30	T.					.11	T.	2.27	.40	.32		6.25
Morrilton	Arkansas																			.20	.10							.87	.76	.21			2.14
Mountain Home	White				1.95												T	.25	.19	.35		.16						.20	.02	.25	.84		4.21
Mount Ida	Ouachita															.62	.20										.14	.83	.37		.33		2.49
Murfreesboro	Ouachita	.07	.11	.09	.12	.23	.05										1.07							.43	.13			.51	.27				3.08
Nail	White			T.	.50										T.	.10	.40	T.	.50								.20	.40	.30	.50	.40		3.30
Newport	White					.72											.06	2.10	.30			.08								1.70	.10	.06		5.12
Osceola	Mississippi														.28	.08	.03											1.04	.67	1.06				3.90
Ozark	Arkansas		.74	T.	T.			T.									.10	2.75	.92										.72		.12		4.72
Patterson	White					.11									.04		.27	.25	.23		.10						.15	.35	.10	.33	.35		3.40
Pindall	White				1.20			.01								.08	.80	1.15	.12	T.											.10	.20	2.47
Pine Bluff	Arkansas		T.			.10											1.20	1.50	.60		.15							.35	.20	.10	.50		5.40
Pocahontas	White	.65			.05	10											1.20	1.65	.05													1.00	3.90
Portland	Ouachita																.86	T.	.18			.02					.03	.10			.12	.04	1.55
Prescott	Ouachita		T.	.02	.09	.07	T.										.75	.20															0.95
Princeton	Ouachita																1.84																1.84
Rison	Ouachita														.42	1.29	.73		.88		.26						.11	.36	T.	.30	.67		6.10
Rogers	Arkansas			.25	.41		T	.42										.10	T.		.40	T.						1.09	T.				1.50
Searcy	White																3.00	.54	.04												.31		3.89
Snow Lake	Mississippi																1.25	.10	.12	T.											.27	T.	4.04
Springbank	Red				2.30												1.60		.17														2.58
Stuttgart	Arkansas		.02		.06										T.		.43		.09										2.42				2.97
Subiaco	Arkansas	T.		.03												T	1.87	.08	.12								.06	.04			.70	.06	4.00
Texarkana	Red				1.02	.05																					.08	1.52	2.24	1.40	.15		7.31
Waldron	Arkansas	.56		.28		.22									.38	.14	.11	.18				.08										1.00		4.50
Warren	Ouachita							2.50	1.00																								
Whitecliffs	Red		T.		.50												1.65		.30								.30				.40		3.15
Wynne	Mississippi					T.											T.	2.85	.38	.05											.18	.35		3.81

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for October, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.8	8.1	8.3	8.6	8.5	8.0	11.3	10.7	12.5	11.3	12.7	10.0	7.9	8.7	18.0	22.0	25.4	24.7	24.0	22.3	20.3	19.8	18.0	15.0	13.5	12.0	11.5	10.7	11.5	12.5	14.0
Dardanelle	do	20	6.1	7.0	6.8	6.8	6.7	6.7	7.0	7.9	9.7	9.9	10.0	10.2	8.9	7.0	6.8	16.3	19.5	21.8	21.8	21.1	19.7	17.0	17.0	16.2	14.6	12.1	10.9	10.4	9.6	10.0	10.9
Little Rock	do	23	5.7	4.9	4.9	5 7	5.6	5.6	5.7	5.6	5.6	8.7	8.8	9.9	9.7	8.9	6.7	5.8	16.8	19.3	20.5	20.4	20.0	19.4	18.2	17.5	13.8	11.3	11.3	10.3	9.9	8.6	9.0
Pine Bluff	do	25	10.6	9.9	9.4	9.5	9.7	9.5	9.5	9.6	9.5	10.2	12.8	13.2	13.4	13.4	12 0	10.4	15.5	20.0	21.9	22.6	22.9	22.6	21.7	21.1	20.1	18.8	16.1	16.1	15.2	13.5	12.8
Black Rock	Black	14	2.2	2.6	2.5	2.5	2.6	2.6	2.6	2.5	2.3	2.3	2 2	2.2	2.2	2.1	2.0	2.0	3.5	3.7	3.7	3.7	3.6	3.5	3.2	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Calico Rock	White	18	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.6	0.2	0.1	0.4	0.4	0.2	0.2	0.1	0.3	0.5	0.5	0.6	0.5	0.5	0.4	0.3	1.2	0.6	0.4	0.3	0.4	0.4	0.5	0.3
Batesville	do	23	5.5	5.5	5.5	5.4	5.3	5.3	5.2	5.1	5.5	5.2	5.1	5.2	5.2	5.1	5.1	5.1	5.8	5.7	5.6	5.7	5.5	5.5	5.4	5.3	6.0	5.7	5.4	5 4	5.8	5.6	5.6
Newport	do	26	5.1	5.0	5.0	5.0	5.0	4.9	4.4	3.9	3.6	3.4	3.1	3.0	3.0	2.9	2.8	2.6	2.8	3 1	3.3	3.4	3.5	3.5	3.4	3.4	3.2	3.4	3.2	3.4	3.5	3.7	3.6
Georgetown	do	22	2.6	2.4	2.4	2.4	2.2	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.7	2.0	3.0	3.4	3.4	3.2	3.0	2.8	2.6	2.4	2.3	2.4	2.5	2.6
Clarendon	do	30	10.7	10.2	9.9	9.6	9.3	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.3	8.3	8.2	8.1	8.3	8.3	8.5	8.8	9.4	10.0	10.3	10.4	10.3	10.1	9.9	9.7	9.6	9.7	9.6
Helena	Mississippi	42	6.0	6.1	6.5	7.1	7.7	8.1	8.2	8.4	9.4	10.3	10.6	10.4	9.9	9.3	9.0	9.1	9.6	9.6	9.6	10.1	10.6	10.9	11.0	11.1	11.2	11.1	10.9	10.7	10.4	10 1	9.7
Arkansas City	do	48	12 3	11.5	10.8	10.5	10.6	11 0	11.6	11.8	11.9	11 6	11.2	13.2	14.3	14.8	14 8	14.6	14.2	14.3	16.5	18.0	19.4	20.3	21.0	21.3	21.5	21.3	21.0	20.5	20.0	19.2	18.2
Camden	Ouachita	49	7.8	7.3	7.0	6.4	6.1	6.0	5.9	5.9	5.9	5.8	5.7	5.6	5.6	5.0	4.8	4.8	5.0	5.7	7.3	7.8	7.1	6 4	5.8	5.3	5.0	4.8	4.6	4.5	4.3	4.2	4.2
Danville	Petit Jean	20	1.8	1.9	1.7	1.5	1.5	1.4	1.4	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.2	1.3	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	2.4	9.8	11.5	9.3
Fulton	Red	28	16.0	14.2	13.0	12.7	12.1	11.8	11.9	15.4	17.0	15.4	13.8	13.5	11.9	12.7	12.5	12.4	18.5	22.0	24.0	25.0	26.0	26.5	26.2	24.8	23 2	21.5	20.2	18.5	17.0	18.5	22.5
Arkadelphia	Ouachita	18	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Patterson	Cache	9	4.7	4.6	4.4	4.2	4.0	3.9	3.8	3.6	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	4.0	4.4	4.6	4.5	4.4	4.3	4.1	4.4	4.6	5.5	6.2	7.0	7.2	7.2	7.1

Daily Temperatures for October, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	83	82	79	63	74	72	73	78	80	80	79	79	82	77	74	67	71	65	64	63	61	60	61	67	71	64	52	54	63	55	54	69.3
	Minimum	63	60	55	56	59	45	47	45	49	45	43	42	45	51	55	56	61	62	40	35	37	30	29	29	30	34	40	45	45	53	28	45.6
Bee Branch	Maximum	86	76	82	73	67	66	75	75	75	76	76	76	83	77	69	69	66	67	58	57	57	59	56	71	62	70	59	52	65	55	56	68.1
	Minimum	62	58	56	57	55	45	49	50	53	48	42	41	50	56	56	58	56	55	40	32	34	29	27	29	32	38	41	45	33	41	26	45.0
Bentonville	Maximum	78	77	73	62	71	65	70	75	75	76	77	71	59	54	65	70	70	63	58	55	57	59	58	64	64	50	52	51	63	55	50	64.1
	Minimum	59	57	58	55	51	52	52	50	54	52	46	52	48	48	54	60	56	44	38	38	31	29	31	30	32	44	43	40	51	30	24	45.5
Booneville	Maximum	84	78	84	76	73	74	74	78	77	80	81	79	79	74	78	73	74	69	58	60	63	61	59	67	71	64	58	51	60	59	52	69.9
	Minimum	64	65	63	67	65	54	55	56	56	58	53	56	64	54	59	57	60	49	38	40	41	35	34	35	39	48	49	49	50	35	31	50.9
Brinkley	Maximum	87	83	82	75	69	75	75	76	82	83	85	85	85	83	79	73	71	69	77	65	61	60	61	68	74	65	63	72	75	65	54	73.5
	Minimum	65	62	59	64	60	48	50	52	56	49	44	44	55	60	63	63	63	63	43	37	40	34	32	31	33	38	42	51	53	47	31	49.4
Calico Rock§§	Maximum	85	85	81	67	75	72	75	81	81	81	80	82	83	65	68	66	68	63	63	60	62	62	64	69	57	65	51	54	57	50	53	68.5
	Minimum	63	62	60	61	54	48	52	48	49	46	45	43	45	51	55	56	61	61	37	37	34	31	....	....	31	33	34	46	50	48	26	47.4
Camden§§	Maximum	91	88	83	80	76	79	79	82	82	79	81	83	85	85	77	70	74	68	68	70	64	62	63	68	72	68	75	76	75	62	53	74.8
	Minimum	63	61	61	62	59	55	51	53	53	48	42	42	46	54	59	64	60	59	44	35	36	31	29	29	29	31	38	44	48	52	36	47.5
Center Point	Maximum	89	87	89	80	71	75	75	80	79	77	78	81	81	78	71	73	69	69	66	66	62	62	62	66	69	61	61	72	74	65	52	72.2
	Minimum	65	61	64	63	59	59	57	55	58	56	52	55	61	65	65	62	57	61	40	39	37	36	33	34	36	45	51	50	55	48	36	52.1
Conway	Maximum	88	86	81	76	73	77	78	82	82	81	81	83	85	74	76	70	70	68	66	65	63	62	64	68	74	62	57	57	67	63	55	72.1
	Minimum	63	61	60	64	60	47	51	48	52	46	48	47	53	62	61	62	60	58	39	35	36	28	27	27	31	39	34	50	52	48	29	47.7
Corning	Maximum	84	81	79	65	70	69	73	77	78	82	82	81	84	71	73	69	70	67	66	64	61	60	60	69	72	60	55	55	60	59	56	69.4
	Minimum	61	54	50	52	53	40	47	43	45	40	40	39	46	51	51	61	61	53	38	33	30	28	28	29	29	35	36	47	49	44	24	43.1
Dardanelle	Maximum	88	83	82	77	75	75	76	73	77	77	76	76	79	81	77	71	71	69	66	65	63	60	58	60	62	66	64	68	66	65	61	71.2
	Minimum	65	65	66	65	61	54	54	52	56	53	48	48	53	68	62	62	57	62	46	39	42	34	31	32	34	44	45	50	47	53	33	51.0
Dodd City	Maximum	74	73	72	73	63	66	66	68	67	75	70	74	72	62	62	63	64	64	60	52	56	67	58	63	67	63	54	62	55	55	47	64.1
	Minimum	57	55	53	55	54	44	50	41	48	44	43	43	50	49	50	58	59	53	36	34	27	25	24	25	29	32	32	45	48	37	20	12.6
Dumas	Maximum	90	85	85	80	77	78	80	80	80	81	82	85	86	86	78	72	70	70	65	67	60	60	60	64	73	70	77	79	77	65	52	74.6
	Minimum	64	62	58	64	58	52	49	53	54	46	41	41	52	57	64	63	64	60	43	35	39	33	29	30	30	34	34	43	55	49	38	48.0
Dutton	Maximum	84	82	74	72	61	58	72	61	61	58	55	62	66	86	78	66	70	65	60	55	56	59	60	65	67	62	57	50	58	56	49	64.0
	Minimum	53	53	55	58	55	44	49	42	46	42	41	39	49	53	57	61	54	52	33	30	25	22	20	22	25	37	39	45	49	38	22	42.3
El Dorado	Maximum	92	89	85	83	89	79	79	83	82	79	82	85	87	86	78	70	73	67	68	69	65	61	62	67	72	65	66	76	75	65	51	75.2
	Minimum	67	63	64	66	60	55	53	54	58	50	49	50	59	64	67	63	59	63	44	40	41	35	33	33	35	38	46	45	55	50	37	51.5
England	Maximum	88	84	88	78	75	78	79	82	82	82	82	83	85	86	80	70	69	67	65	59	60	61	62	68	74	61	66	70	78	67	54	73.5
	Minimum	65	63	69	63	58	50	49	52	55	48	43	43	54	58	63	62	64	60	44	37	38	33	32	32	32	37	40	49	52	49	31	48.9
Eureka Springs	Maximum	88	80	78	76	63	75	74	79	80	80	78	74	63	53	63	68	65	64	61	55	61	63	64	67	69	53	52	51	65	59	53	66.9
	Minimum	58	57	57	56	54	48	51	47	51	49	45	50	51	46	51	58	59	49	36	39	30	29	28	31	33	42	42	41	48	34	23	44.9
Evening Shade	Maximum	92	89	81	70	74	71	78	79	79	81	80	80	84	70	71	68	69	68	69	61	62	64	61	70	72	67	58	55	59	58	55	70.8
	Minimum	60	58	56	58	57	41	43	42	45	41	39	38	46	54	55	59	61	58	40	39	35	28	26	28	30	35	40	44	50	44	25	44.4
Fayetteville	Maximum	81	79	79	74	73	68	74	79	78	77	76	70	64	55	66	73	71	66	58	58	58	60	61	65	65	63	57	50	63	60	48	66.7
	Minimum	58	58	58	58	53	49	54	49	52	48	50	54	52	48	54	60	56	54	36	39	34	29	28	28	31	43	43	44	49	38	24	46.2
Fort Smith	Maximum	82	82	72	75	72	70	73	78	78	78	80	76	73	63	68	70	72	66	62	59	60	59	60	65	68	61	54	53	59	58	50	67.6
	Minimum	66	64	64	62	61	56	57	55	60	57	53	54	57	55	61	63	57	53	44	46	41	36	37	36	39	49	50	52	53	40	34	52.0
Grannis	Maximum	86	87	75	76	72	72	73	78	78	78	78	79	77	77	76	71	76	65	62	67	62	61	61	66	69	69	69	70	69	65	53	71.5
	Minimum	60	59	60	60	57	57	55	53	53	53	47	46	58	58	60	61	53	40	40	38	36	28	29	29	36	40	40	45	44	44	34	47.5
Gravette	Maximum	79	75	75	74	71	67	71	71	77	78	77	69	63	53	66	72	70	68	59	57	57	59	59	64	64	64	57	51	65	61	49	65.9
	Minimum	57	52	59	57	49	51	52	50	55	52	42	51	50	47	52	59	53	54	31	36	30	28	28	28	31	43	40	39	49	36	22	44.6
Harrison	Maximum	81	78	74	70	78	68	65	69	68	69	70	72	69	68	65	65	70	60	62	58	55	50	58	62	65	53	57	56	55	60	59	64.8
	Minimum	69	69	53	51	52	41	40	45	46	40	50	50	48	44	49	50	59	53	35	35	30	28	24	23	24	46	47	52	42	30	44	44.6
Hope	Maximum	93	89	80	85	76	83	81	83	83	82	82	87	86	86	80	76	73	71	68	68	69	65	....	68	78	76	....	75	75	67	54	77.1
	Minimum	67	62	64	64	59	56	56	55	58	52	47	47	60	59	66	64	57	57	41	39	36	32	....	29	33	34	....	41	53	49	37	50.8
Hot Springs	Maximum	89	84	79	75	72	75	78	80	81	79	79	80	85	82	74	71	70	66	65	63	60	61	62	67	70	60	56	68	73	64	52	71.0
	Minimum	64	62	61	62	58	53	55	56	56	51	47	47	55	63	62	62	57	61	41	39	38	34	31	32	34	40	45	50	52	48	34	50.0
Huttig	Maximum	93	88	86	85	82	81	80	82	83	80	82	85	88	86	87	73	71	67	78	72	71	60	62	65	75	73	79	77	77	69	54	77.1
	Minimum	65	65	62	61	62	56	54	56	57	49	43	44	56	60	64	63	62	47	40	45	41	34	33	33	33	36	44	50	52	52	38	50.2
Jonesboro	Maximum	83	80	78	68	70	68	71	75	76	82	82	80	85	74	71	69	70	67	63	63	59	56	56	66	70	56	52	54	69	60	53	68.6
	Minimum	65	61	57	58	58	46	50	51	54	49	47	45	52	53	57	61	64	55	41	39	38	33	33	35	38	37	37	49	52	43	28	47.9
Junction	Maximum	94	92	90	84	75	74	78	79	81	83	82	84	87	88	84	78	68	67	66	68	65	63	64	66	69	72	75	78	75	65	57	75.8
	Minimum	62	63	63	64	57	52	57	60	63	62	60	61	63	62	61	64	58	48	43	36	33	30	29	29	30	36	42	45	47	46	42	50.6
Little Rock	Maximum	87	83	77	75	70	72	73	77	77	78	78	80	81	79	75	68	70	64	63	62	59	58	59	65	68	61	54	65	73	63	52	69.9
	Minimum	67	65	62	60	58	52	53	55	57	56	53	53	60	62	62	62	62	54	46	42	43	39	36	38	40	45	46	50	53	41	34	51.8
Lutherville	Maximum	82	82	75	66	70	72	74	78	77	77	79	81	82	73	67	69	68	66	62	59	60	60	60	65	70	61	58	52	60	59	51	68.1
	Minimum	64	62	63	60	59	51	55	55	58	55	51	51	59	59	59	59	61	58	58	40	38	36	36	35	37	40	46	47	48	50	44	50.4
Magnolia	Maximum	91	87	85	80	75	....	79	81	82	77	82	85	87	....	....	69	70	69	66	67	....	....	63	66	73	65	78	79	....	68	56	75.2
	Minimum	75	75	72	70	61	....	54	55	59	54	55	49	60	....	....	65	60	59	42	38	....	....	32	30	33	40	45	46	....	52	38	52.4
Malvern	Maximum	92	87	82	79	76	77	79	83	83	81	81	83	83	81	74	73	73	67	68	67	63	63	64	69	72	61	60	71	74	71	54	73.9
	Minimum	63	61	62	64	58	53	55	53	56	50	44	44	55	61	63	62	59	63	39	36	36	31	29	29	30	37	43	50	52	58	33	49.3
Mammoth Spring	Maximum	85	83	80	66	73	71	76	80	83	82	82	82	84	71	69	67	70	67	65	61	64	63	64	71	74	67	59	56	56	56	60	70.5
	Minimum	63	58	54	59	53	51	52	43	47	41	41	45	48	55	55	61	63	56	40	33	31	26	25	40	28	30	48	49	51	43	23	45.5
Marianna	Maximum	88	87	87	74	71	73	76	78	78	77	78	79	81	81	82	71	71	68	62	65	63	59	56	62	68	68	67	71	74	68	52	72.1
	Minimum	76	73	60	63	61	50	51	51	56	51	46	45	52	51	52	62	65	58	44	38	37	34	32	34	35	36	43	47	51	48	32	49.5
Marked Tree §§	Maximum	81	78	71	72	73	75	79	80	82	81	80	84	79	74	68	69	66	61	65	59	59	57	66	72	61	61	61	76	60	52	53	69.5
	Minimum	61	56	57	59	46	47	50	51	47	45	41	46	53	57	60	63	63	42	36	39	34	33	34	32	33	37	42	51	54	30	30	46.1
Marshall	Maximum	79	76	74	71	70	69	69	73	73	74	73	75	79	73	69	69	69	67	59	56	55	54	56	62	65	61	55	52	62	61	48	66.1
	Minimum	60	60	58	56	56	48	51	47	54	48	47	50	62	55	56	63	62	56	39	37	35	31	29	31	36	45	45	48	50	42	28	47.9
Mena	Maximum	84	80	72	76	68	70	73	73	76	75	78	80	77	70	68	68	71	67	61	61	60	60	60	64	68	62	55	54	68	63	47	68.0
	Minimum	61	59	62	63	59	54	55	54	56	54	46	48	62	59	62	61	56	58	45	40	36	32	31	32	35	48	50	50	53	48	33	50.4
Mt. Home	Maximum	84	83	79	69	71	70	73	78	79	79	80	83	84	64	66	67	65	....	....	....	....	....	....	63	71	73	63	55	56	59	56	70.2
	Minimum	57	57	51	54	52	42	49	42	48	42	40	40	48	50	50	58	58	50	36	31	29	25	25	23	27	38	37	45	35	35	21	41.8
Mount Ida	Maximum	91	87	78	78	73	74	77	81	80	79	80	82	80	78	76	70	76	72	66	66	64	63	63	69	72	66	57	67	75	62	51	72.7
	Minimum	58	58	60	63	58	54	51	45	49	42	37	40	50	61	62	61	54	58	36	34	32	28	23	24	26	36	46	41	54	48	28	45.7
Nail	Maximum	82	80	80	77	67	66	70	73	75	74	73	73	73	72	62	62	65	60	54	52	55	55	57	59	66	58	50	47	54	55	48	64.8
	Minimum	67	65	60	55	55	49	52	57	59	55	56	56	55	52	52	58	55	50	37	40	30	35	35	36	36	42	40	44	46	35	25	48.0
Newport	Maximum	85	81	79	74	70	71	75	78	79	81	81	80	84	72	74	70	70	68	63	65	59	59	59	63	68	60	59	56	66	61	52	69.7
	Minimum	67	63	59	59	59	45	51	50	54	50	49	47	55	57	58	62	64	59	44	39	41	35	34	35	37	41	45	45	46	46	31	49.3
Ozark	Maximum	84	85	75	70	72	71	75	76	79	81	80	82	81	74	69	72	73	74	69	64	62	64	61	61	65	71	64	54	60	58	57	70.5
	Minimum	63	61	65	65	64	60	54	53	54	50	47	49	56	57	61	64	51	57	60	39	40	35	32	31	31	33	37	50	52	30	32	49.3
Pine Bluff	Maximum	92	90	84	81	76	77	80	83	82	80	82	84	87	86	80	70	71	66	66	70	64	64	65	67	77	65	73	77	77	64	54	75.3
	Minimum	66	64	61	64	56	53	52	54	57	51	43	43	52	59	64	64	63	59	44	38	41	37	36	33	33	36	43	49	52	47	34	49.9
Pocahontas	Maximum	83	84	80	79	73	71	75	80	81	81	80	79	83	78	72	67	69	67	67	63	64	63	73	64	73	62	55	55	59	58	57	70.8
	Minimum	64	60	56	55	55	45	52	50	52	49	44	43	50	54	55	60	65	56	42	35	37	35	33	35	35	37	37	48	51	46	27	47.2
Portland	Maximum	89	86	81	79	76	76	77	88	78	76	77	80	82	83	79	73	73	70	65	65	61	58	59	62	66	71	74	75	75	67	53	73.4
	Minimum	66	65	61	64	60	55	52	55	56	49	43	43	52	58	65	64	63	64	44	40	43	36	34	34	33	36	41	45	50	51	36	50.3
Prescott	Maximum	91	86	82	78	75	78	78	82	81	78	79	83	84	80	77	72	71	69	67	69	64	61	63	67	72	64	66	75	77	68	52	73.8
	Minimum	66	64	64	65	58	57	54	54	57	53	46	47	57	63	64	63	56	63	43	39	40	34	33	32	34	41	46	48	53	51	35	51.0
Rison	Maximum	92	87	83	81	77	79	79	82	82	80	80	82	84	86	77	71	70	69	66	66	60	60	62	66	72	65	74	76	74	68	54	74.3
	Minimum	66	63	61	64	57	53	52	53	56	53	46	47	55	61	64	62	63	60	42	39	40	35	32	32	34	39	44	46	42	45	34	49.7
Rogers	Maximum	81	78	75	69	71	66	71	76	76	77	76	70	64	54	65	69	70	65	58	55	58	60	59	63	65	56	52	50	62	60	49	65.2
	Minimum	57	57	59	56	53	49	50	48	50	46	40	49	52	47	52	60	57	55	35	37	38	27	27	27	30	43	43	42	48	36	23	44.9
Snow Lake§§	Maximum	86	81	80	80	80	79	80	80	80	80	83	86	85	84	70	74	66	64	66	59	57	59	64	70	77	78	77	78	61	51	52	73.1
	Minimum	64	58	61	60	62	60	58	51	44	41	40	49	50	49	61	63	64	43	39	40	33	32	32	32	35	39	40	45	50	33	35	47.2
Stuttgart	Maximum	88	84	81	80	73	76	77	81	81	79	79	81	84	85	79	76	71	66	65	68	60	58	60	65	73	64	71	74	73	67	51	73.2
	Minimum	65	62	59	63	59	50	49	51	50	49	45	46	54	59	63	63	64	59	40	36	37	33	30	31	33	36	40	53	52	50	31	48.8
Subiaco	Maximum	89	89	76	70	75	76	71	81	80	81	83	85	86	71	67	69	70	70	68	64	65	63	65	70	73	67	59	63	61	59	52	71.5
	Minimum	63	63	64	64	59	51	55	52	56	52	51	50	60	57	59	51	58	59	42	40	39	33	31	31	35	46	48	49	51	44	31	49.9
Texarkana	Maximum	93	90	86	79	79	81	80	84	84	81	83	84	84	83	72	74	72	72	70	66	67	66	66	68	73	67	69	77	78	68	52	75.7
	Minimum	65	64	65	63	62	57	55	55	59	54	49	52	64	65	67	64	60	64	40	38	34	23	33	32	34	41	50	48	56	52	39	52.1
Warren	Maximum	83	80	83	80	80	80	83	80	79	78	71	71	73	69	68	65	63	66	69	75	66	73	66	60	63	79	80	79	70	53	72	73.4
	Minimum	55	49	45	45	56	55	65	55	46	55	41	41	46	40	41	40	35	35	37	31	32	31	35	31	31	35	40	45	54	50	35	43.0
Wynne	Maximum	85	83	80	71	72	72	74	74	79	81	81	81	85	82	74	71	70	67	64	65	59	57	57	65	71	63	64	66	73	67	51	71.1
	Minimum	65	62	58	61	60	48	50	52	55	53	47	49	54	58	64	63	64	57	41	36	38	32	32	30	33	36	42	51	53	47	30	49.1

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., NOVEMBER, 1923. No. 11.

GENERAL SUMMARY.

The State temperature and precipitation means were about normal during the month of November and all extremes were well within the limits established by previous records. During the first decade temperatures were below normal throughout the State and heavy to killing frosts were general, but thereafter near normal temperatures prevailed. Moderate to heavy rains occurred from the 1st to the 6th the weather being unfavorable for all outdoor work. From the 7th to the 21st but little rain occurred while from the 22d to the close of the month rains were frequent. The close of the month found most fall work well advanced, an abundance of soil moisture, and dirt roads bad, impassable in many places. An unusually heavy snow storm for the season occurred in northwestern counties on the 29th, Fayetteville reporting 8 inches, with 3 to 6 inches at several other stations. The number of clear, partly cloudy, cloudy, and rainy days was about normal and the sunshine was 58% of the possible amount.

W. C. H.

TEMPERATURE.

The mean temperature for the month of November, as determined from the records of 53 stations, was 50.8° which is 0.7° below normal. Negative departures predominated, but positive occurred at several stations in central and northeastern sections. The highest monthly mean was 54.3° at Texarkana, the lowest, 45.4° at Dutton. The highest temperature recorded was 81° at Calico Rock on the 21st, the lowest, 21° at Dutton and Gravette the 6th. Dates of extremes varied in different sections. The greatest daily range was 54° at Mount Ida on the 7th.

PRECIPITATION.

The average precipitation for the State, as determined from the records of 73 stations, was 3.34 inches, which is 0.23 inch below normal. Monthly totals ranged from 0.65 inch at Whitecliffs to 6.11 inches at Gravette. The greatest amount measured in 24 consecutive hours was 2.28 inches at Fort Smith on the 2d and 3d. The average number of rainy days was 6.

MISCELLANEOUS DATA

Stations.	Pressure (Sea-level). Mean.	Pressure (Sea-level). Highest.	Pressure (Sea-level). Date.	Pressure (Sea-level). Lowest.	Pressure (Sea-level). Date.	Wind. Total movement miles.	Wind. Maximum velocity.	Wind. Direction.	Wind. Date.	Relative humidity. 7 a. m.	Relative humidity. 7 p. m.	Percentage of sunshine.
Bentonville	.....	30.39	1	29.70	25	3,332	22	S.	20	.....	.....	60
Fort Smith	30.11	30.40	1	29.75	25	4,535	29	W.	29	86	62	57
Little Rock	30.12	30.43	1	29.65	25	5,330	27	NW.	25	82	63	55
Memphis	30.12	30.43	10	29.70	29	5,452	36	SW.	29	76	70	58

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:– 5th, 1; 22d, 3; 26th, 1.

Dense Fog:– 1st, 2; 5th, 1; 14th, 1; 15th, 3; 22d, 2; 23d, 3; 25th, 1; 29th, 1; 30th, 1.

Solar Halos:– 10th, 2; 21st, 1.

Lunar Halos: 18th, 1; 19th, 1; 20th, 1; 21st, 1; 23d, 1; 27th, 1.

Earthquake: Jonesboro, Marked Tree, Wynne, 26th.

KILLING FROSTS, 1923.

Stations.	Last in spring.	First in autumn.	Length growing season.	Stations.	Last in spring.	First in autumn.	Length growing season.
Amity	Apr. 1	.....	....	Jonesboro	Mar. 31	Oct. 22	205
Arkadelphia	Apr. 6	Oct. 22	199	Junction	†Apr. 1	Oct. 22	204
Arkansas City	Apr. 1	Nov. 7	220	Lambrook	.....	Oct. 22	....
Arlberg	Mar. 24	Oct. 23	213	Little Rock	Apr. 1	Nov. 30	243
Batesville	†Apr. 1	Oct. 22	204	Lutherville	Apr. 1	Oct. 31	213
Bee Branch	May 9	Oct. 22	166	Magnolia	†Mar. 20	Nov. 6	231
Bentonville	Apr. 9	Oct. 21	195	Malvern	†Apr. 1	Oct. 23	205
Black Rock	†Mar. 31	Oct. 31	214	Mammoth Spring	†Mar. 31	Oct. 22	205
Booneville	†Mar. 31	Oct. 23	206	Marianna	Mar. 20	Oct. 23	217
Brinkley	†Apr. 1	Oct. 23	205	Marked Tree	†Mar. 31	Nov. 7	221
Calico Rock	†Apr. 1	Oct. 22	204	Marshall	†Apr. 1	Oct. 22	204
Camden	†Apr. 8	Oct. 22	197	Mena	†Apr. 1	Nov. 30	243
Centerpoint	Apr. 1	Oct. 23	205	Morrillton	†Apr. 1	Oct. 31	213
Clarendon	Apr. 1	Oct. 20	202	Mountain Home	Apr. 9	Oct. 21	195
Clinton	Mar. 24	Oct. 22	212	Mount Ida	†Apr. 1	*Oct. 22	204
Conway	†Apr. 1	Nov. 7	220	Murfreesboro	Mar. 31	.....	....
Corning	†Apr. 1	Oct. 22	204	Nail	†Apr. 1	Oct. 21	203
Dam No. 1	Mar. 29	.....	....	Newport	†Apr. 1	*Oct. 31	213
Danville	Mar. 31	Oct. 22	205	Okay	†Apr. 2	.....	....
Dardenelle	†Mar. 30	Oct. 23	207	Osceola	†Apr. 1	Oct. 31	213
Dodd City	†Apr. 1	Oct. 22	204	Ozark	†Apr. 2	Oct. 30	211
Dumas	†Apr. 1	Oct. 23	205	Patterson	Mar. 31	Oct. 20	203
Dutton	†Apr. 9	Oct. 20	194	Pindal	Mar. 31	Oct. 21	204
El Dorado	Mar. 20	*Nov. 29	213	Pine Bluff	†Apr. 1	*Nov. 29	242
England	†Apr. 1	Oct. 22	204	Pocahontas	†Apr. 1	Oct. 31	213
Eureka Springs	†Apr. 8	Oct. 22	197	Portland	†Apr. 1	Oct. 25	207
Evening Shade	Apr. 6	Oct. 22	199	Prescott	†Apr. 1	*Oct. 24	206
Fayetteville	†Apr. 8	Oct. 22	197	Princeton	Mar. 31	Oct. 19	202
Fort Smith	Mar. 31	Nov 29	213	Rison	†Apr. 1	*Oct. 23	205
Fulton	Mar. 31	Oct. 22	205	Rogers	†Apr. 1	Oct. 21	203
Georgetown	Apr. 1	Oct. 22	204	Searcy	.....	Oct. 31	....
Grannis	†Apr. 1	Oct. 22	204	Snow Lake	.....	Oct. 22	....
Gravette	May 9	Oct. 22	166	Springbank	Mar. 19	Oct. 23	227
Harrison	Apr. 8	Oct. 22	197	Stuttgart	†Apr. 1	Oct. 23	205
Heber Springs	Mar. 31	Oct. 18	201	Subiaco	†Apr. 1	Oct. 23	205
Helena	Apr. 1	Oct. 20	202	Texarkana	†Mar. 31	Oct. 21	204
Higden	Mar. 31	Oct. 23	206	Waldron	†Apr. 1	Oct. 22	204
Hope	†Apr. 1	Oct. 24	206	Warren	†Apr. 1	Oct. 20	202
Hot Springs	†Apr. 1	Oct. 24	206	Whitecliffs	Mar. 21	Oct. 21	214
Huttig	Mar. 24	Nov. 7	228	Wynne	†Apr. 1	Oct. 22	204

†No killing frost recorded; last freezing temerature in spring.
*No killing frost recorded; first freezing temperature in autumn.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mutnly average.	Temperature. Departure.	Temperature. Highest.	Temperature. Lowest.	Precipitation. Monthly average.	Precipitation. Departure.	Number of days. Clear.	Number of days. Partly cloudy.	Number of days. Cloudy.	Number of days. Precipitation or more.
*Means and Extremes.	5.15		90	2	3.57		15	6	9	6
1891	49.7	−1.8	87	10	5.56	+1.99	13	7	10	8
1892	49.9	−1.6	79	20	5.83	+2.26	11	7	12	9
1893	48.3	−3.2	84	10	4.21	+0.64	14	8	8	5
1894	50.4	−1.1	81	12	1.12	−2.45	19	6	5	2
1895	49.9	−1.6	82	16	4.82	+1.25	14	5	11	6
1896	52.8	+1.3	88	8	4.34	+0.77	14	7	9	7
1897	51.6	+0.1	85	15	2.82	−0.75	16	6	8	6
1898	47.5	−4.0	82	9	3.20	−0.37	13	8	9	4
1899	54.3	+2.8	87	17	2.61	−0.96	13	7	9	6
1900	51.4	−0.1	90	18	4.28	+0.71	15	7	8	6
1901	50.0	−1.0	88	15	2.99	−0.58	16	7	7	5
1902	56.5	+5.0	90	18	6.66	+3.09	8	9	13	9
1903	47.6	−2.9	89	2	0.64	−2.93	13	9	8	3
1904	51.4	−0.1	86	17	1.38	−2.19	17	5	8	3
1905	53.2	+1.7	88	9	3.28	−0.29	16	5	9	5
1906	50.2	−1.3	88	13	5.90	+2.33	14	7	9	6
1907	49.0	−2.5	84	10	5.71	+2.14	16	5	9	6
1908	53.8	+2.3	88	5	5.40	+1.83	15	6	9	8
1909	59.3	+7.8	90	16	3.75	+0.18	13	8	9	7
1910	51.5	0.0	85	17	0.47	−3.10	16	9	5	3
1911	46.8	−4.7	86	5	3.18	−0.39	14	8	8	2
1912	50.5	1.0	89	13	1.66	−1.91	19	7	4	2
1913	57.6	+6.1	85	20	2.47	−1.10	10	9	11	5
1914	52.6	+1.1	88	11	2.32	−1.25	15	6	9	4
1915	54.8	+3.3	88	17	5.40	+1.83	16	5	9	6
1916	52.1	+0.6	87	10	2.95	−0.62	20	4	6	5
1917	50.7	−0.8	85	11	1.96	−1.61	17	4	9	4
1918	49.7	−1.8	88	18	3.91	+0.34	15	4	11	6
1919	51.1	−0.4	86	11	6.27	+2.70	17	3	10	7
1920	47.8	−3.7	89	10	1.95	−1.62	15	4	11	5
1921	54.9	+3.4	88	17	5.53	+1.96	13	6	11	7
1922	52.9	1.4	88	20	3.89	+0.32	16	6	8	6
1923	50.8	−0.7	81	21	3.34	−0.23	15	4	11	6

*Based on 30 years record.

Climatological Data for November, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit). Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, inches. Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of days. With precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Amity	Clark	700	30																	James Dillard.
Arkadelphia	Clark	186	27								2.90	−0.86	0.80	0	6	13	0	17	ne.	F. J. Carpenter.
Arkansas City	Desha	145	39								4.12	+0.56	1.42	0	6	11	8	11	w.	Geo. E. Payne.
Arlberg	Stone	700	2								2.75		0.90	0	5	17	5	8	se.	I. D. Reves.
Batesville	Independence	277	24	48.2	− 2.2	75	11†	26	27	42	3.09	−0.26	0.82	0	8	17	0	13	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren		31	47.3	− 4.3	68	11†	25	28	34	3.27	+0.13	1.02	0	7	16	0	14	w.	J. E. Scanlan.
Bentonville	Benton	1303	17	48.0	+ 1.3	70	18	27	6	33	4.94	+1.95	1.94	5.1	8	17	3	10	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21								3.22	−0.78	0.96	0	7	16	4	10		Vernon C. Howe.
Booneville	Logan	600	9	53.8		79	13	33	6†	36	3.16		1.75	0	7	17	3	10	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	41	52.8	+ 0.8	78	12†	30	28	41	3.77	−1.09	1.08	0	5	17	0	3	s.	H. L. D. Whitson.
Calico Rock	Izard	361	19	48.0		81	10	24	28	49	2.90	−0.01	0.87	0	8	16	5	9	n	W. J. Copp.
Camden	Ouachita	158	37	50.9	− 2.5	75	9†	29	7	43	3.21	−0.87	1.00	0	6	14	6	10	n.	A. B. Quarterman.
Centerpoint	Howard	470	24	52.3	− 2.6	72	9†	29	17†	39	3.26	+0.13	0.93	0	8	15	5	10	se.	John C. Floyd.
Clarendon	Monroe	200	19								3.10	−0.75	1.02	0	8	12	2	16	w.	J. W. Bishop.
Clinton	Van Buren	516	2								2.71		0.78	0	4	20	1	9	w.	Dr. R. M. Hunter.
Conway	Faulkner	309	39	51.4	+ 0.8	77	13	29	7†	46	3.36	−0.57	0.91	0	7	18	3	9	w.	E. E. Cordray.
Corning	Clay	295	23	49.1	+ 1.7	75	11†	25	27†	43	3.50	+0.47	1.35	0	5	14	8	8	sw.	Rev. N. E. Skinner.
Danville	Yell	327	8								3.[illegible]		1.58	0	5	18	0	12	w.	C. P. Evans.
Dardanelle	Yell	330	37	51.5	− 0.7	74	13	31	7	38	3.35	−0.18	1.08	0	6	17	0	13	n.	J. D. Riley.
Dodd City	Marion	1175	41	47.6	− 0.7	75	13	24	17	44	1.44	−1.55	0.55	0	5	13[a]	5[a]	9	nw.	Neal Dodd.
Dumas	Desha	162	16	52.2	− 1.2	76	11†	30	18	40	3.72	+0.27	1.05	0	6	13	10	7	s.	Ben Johnson.
Dutton	Madison	1590	21	45.4	− 2.8	75	18	21	6	45	4.45	+1.11	1.27	T.	10	16	2	12	s.	J. M. Ricketts.
El Dorado	Union	270	23	50.8	− 4.3	70	20	32	29	29	3.35	−1.06	1.58	0	7	14	1	12	ne.	J. J. Babb.
England	Lonoke	229	16	51.0	− 0.8	78	9†	32	7†	44	3.[illegible]	−0.17	0.99	0	7	18	5	7	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	50.0	− 0.3	74	11	25	28	34	4.18	−2.27	2.18	1.0	8	15	6	9	nw.	Geo. W. Nicholds.
Evening Shade	Sharp		21	49.2		78	11†	25	27	51	2.[illegible]		0.99	0	5	16	4	10	s.	C. C. Price.
Fayetteville	Washington	1451	37	48.6	− 1.2	70	19	28	6†	55	5.98	+3.11	1.70	8.0	7	17	6	7	ne	University of Arkansas.
Fort Smith	Sebastian	481	41	51.1	+ 1.2	73	20	31	30	36	3.76	+0.18	2.28	0.3	9	15	2	13	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	37								2.[illegible]	−0.63	1.54	0	5	12	5	13		T. J. Logan.
Georgetown	White	200	10								3.9		1.00	0	7	15	4	11	s.	Arthur Lentz.
Grannis	Polk	900	5	52.7		71	11†	28	30	39	4.50		2.00	0	7	24	2	4	n.	W. E. Mc Vay.
Gravette	Benton	1200	25	47.2	− 2.2	77	21	21	6	39	6.11	+3.61	1.68	6.0	6	15	5	10	sw.	A. F. Stevens.
Harrison	Boone	1362	2	50.8		75	17	23	11	48				0		22	3	5	sw.	A. C. Books.
Heber Springs	Cleburne	489	2								2.68		1.21	0	5	12	10	8	w.	E. C. Spanhurst.
Helena	Phillips	182	52								3.10	+0.65	1.00	0	8	14	1	15		James A. Burnett.
Higden	Cleburne	440	5								2.76		0.86	0	7	17	3	10	sw.	J. A. Ingram.
Howe	Hempstead	377	51	54.1	+ 0.7	76	12	30	30	39	2.[illegible]	−2.75	0.96	0	7	17[b]	2[b]	9[b]	se.	N. P. O'Neal.
Hot Springs	Garland	600	30	51.6	− 1.0	74	13	31	17†	38	3.37	−1.16	1.06	0	10	17	2	11		P. P. Patraw.
Hutig	Union	175	16	51.1	− 1.0	77	11†	31	30	42	4.[illegible]	[illegible]	1.30	0	6	16[c]	3[c]	8[c]	nw.	J. L. Collett.
Jonesboro	Craighead	345	28	51.5	0.0	76	11	30	28	38	3.6[illegible]	−0.45	1.27	0	7	16	6	8	sw.	Benedictine Sisters.
Junction	Ouachita	382	30	51.6	− 2.4	75	22	29	30	40	2.23	−1.26	1.09	0	3	15	6	9	w.	J. A. Lowderback.
Lambrook	Phillips	155	1								3.27		1.30	0	4	18	0	12		G. A. Newton.
Little Rock	Pulaski	286	44	52.6	+ 0.5	74	13	33	28	33	2.59	−2.00	0.84	0	9	15	5	12	s.	U. S. Weather Bureau.
Lutherville	Johnson	775	26	51.1	− 0.4	71	12	30	17†	31	3.66	+0.28	1.46	T.	7	16	3	11	ne	H. Kauffeld.
Magnolia	Columbia	315	5								1.86		0.70	0	5					State Agri. School.
Malvern	Hot Springs	277	10	51.8	− 0.7	75	9†	28	7†	44	3.2[illegible]	−1.34	1.53	0	7	17	3	10	sw.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	10								2.08	+1.02	0.80	0	7					I. Wallick.
Marianna	Lee	235	14	52.2	+ 0.5	74	20	32	1	35	2.60		0.91	0	6	11	10	9	n.	C. N. Dorck.
Marked Tree	Poinsett	229	18	50.5		76	16†	30	26†	38	3.51	−0.92	0.91	0	7	19	5	6	s.	Charles Walton.
Marshall	Searcy	1083	8	51.1		75	18	27	28	45	3.32		1.46	T.	6	17	5	8	nw.	W. F. Reeves.
Mena	Polk	1180	35	50.7	− 1.8	77	18†	29	30	45	3.68	−0.31	1.70	0	10	15	8	7	n.	F. W. St. John.
Morrilton	Conway	347	3																	W. C. Jackson.
Mountain Home	Baxter	800	9	48.7[a]		77[a]	12	22[a]	28	47	2.60		0.98	0	5	16[a]	3	10[a]	w	B. S. Hallock.
Mount Ida	Montgomery	750	25	49.5		78	7	24	7	50	3.[illegible]	0.65	1.15	0	5	15	4	10	se.	G. A. Whittington.
Murfreesboro	Pike	367	7								1.3		0.91	0	9	6	4	20		Henry A. Davis.
Noel	Newton	2263	30	46.6	− 1.7	75	18	25	28	35	3.40	[illegible]	1.60	T.	4	17	1	12	n.	Charles Foxton.
Nashport	Johnson	231	39	52.0	+ 1.3	75	11	30	29	35	4.06	[illegible]	1.25	0	8	15	5	10	w.	Geo. L. Robinson.
Osceola	Mississippi	240	25	50.7	+ 1.7	77	12	28	28	40	3.7	−1.03	1.02	0	6	17	5	8	n	
Ozark	Franklin	450	27	50.4[a]	− 2.2	78[a]	13	30[a]	16	42[a]	4.16	+1.24	1.86	T.	5	13	6	11	1 w.	Isham Burrow.
Patterson	Woodruff	196	7								4.0[illegible]		1.32	0	7	18	0	12	ne.	W. E. Baker.
Pindall	Searcy	1500	2								3.11		0.98	T.	7	16	2	12	nw	W. W. Wood.
Pine Bluff	Jefferson	210	39	52.9	− 0.1	78	12†	30	30	44	3.16	−1.09	1.50	0	6	13	2	15	ne.	Miss Theares Scheu.
Pocahontas	Randolph	300	31	50.5	+ 0.6	76	11†	27	28	42	3.3[illegible]	−0.08	1.25	0	5	10	11	9	n.	Benedicitine Sisters.
Portland	Ashley	122	17	53.4	− 0.5	74	21	32	18	36	4.[illegible]	+1.40	1.42	0	6	15	7	7	n.	W. E. Edmiston.
Prescott	Nevada	329	41	53.3	− 0.6	75	12	30	30	38	2.66	−0.89	0.89	0	6	18	1	11	w.	O. J. Stephenson.
Princetown	Dallas	287	16								3.88	−0.79	1.30	0	5	26	0	4		Foote Coleman.
Rison	Cleveland	243	19	53.0	+ 0.2	75	13	32	28†	37	3.79	+0.38	1.52	0	3	17	1	12	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	32	47.4	− 2.0	72	18	24	27	40	3.58	+0.94	1.48	3.5	6	14	5	11	n	Carl A. Starck.
Searcy	White	236	10	48.2	− 2.5	75	11†	25	1†	49	1.00	−4.48	0.40	0	5	25	1	6	s.	J. T. Pell.
Snow Lake	Arkansas	185	2	50.8		74	11†	30	6†	41	4.67		1.37	0	6	11	8	11		J. L. Britt.
Springbank ††	Miller	240	11								3.79	+0.71	1.42	0	5	14	2	14		Miss Grace Field.
Stuttgart	Arkansas	228	35	51.8	− 0.1	75	11†	30	7	41	2.68	−1.39	0.97	0	5	17	2	11	sw.	H. A. Buerkle.
Subiaco	Logan	1050	26	53.1	+ 0.7	75	12	29	28	36	3.48	+0.57	1.94	0	6	17	4	9	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	54.3	− 1.0	77	12	31	7	40	2.25	+0.77	1.20	0	7	15	2	13	n.	H. S. Brashear.
Waldron	Scott	675	5								2.49		1.21	0	7	14	0	16	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28																	Mrs. W. L. Hartsell.
Whitecliffs	Little River		18								0.65	−1.97	0.35	0	2	13	2	15	ne.	Nannie O. Schinner.
Wynne	Cross	250	15	51.4	− 0.5	75	11	29	28	38	2.88	+0.07	0.72	0	7	11	7	12	n.	E. O. Allen.
State Means and Extreme				50.8	− 0.7	81	10	21	6	54	3.34	− 0.23	2.28	4.0	6	15	4	11	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R. F. D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for November, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia	Ouachita				.80		.15															.30	.40			.50			.75				2.90
Arkansas City	Mississippi			.86	.07		T.									T.							.56	.79			.42			1.42			4.12
Arlberg	White			.80		.10																	.50				.45			.90			2.75
Batesville	White		T.	.82	.22	T.	.10									T.							.02	.48			.64			.67	.14		3.09
Bee Branch	Arkansas			.90											.15	.05							.62	.10			.43			1.02			3.27
Bentonville ***	Arkansas	T.	1.32	.63								.02	.73	.50									.44			T.			.16	1.14			4.94
Black Rock	White			.87	.55		.13																	.05			.96			.58	.08		3.22
Booneville	Arkansas		.27	1.75										.03	.06	.02							.14							.89			3.16
Brinkley	White			1.08			.22																.64				.91			.92			3.77
Calico Rock	White			.87	.11	T.	.32							T.	T.								.08	.45			.35			.68	.04		2.90
Camden	Ouachita			.72	.04																		.61	.04					.80	1.00			3.21
Center Point	Red		.50	.93											.01	T.							.60			.05	.40		.11	.66			3.26
Clarendon	White			.57	.23		.14								T.	T.							.22	.47			.48			1.02	.03		3.16
Clinton	White			.78																			.50			T	.73			.70			2.71
Conway	Arkansas		.13	.76		.12									.03								.91				.83			.58			3.36
Corning	White			1.35	.28																		.30				.78			.79			3.50
Danville	Arkansas			1.58	.10																			.30			.12			1.15			3.25
Dardanelle	Arkansas			1.08	.10		.13																	.52			.52			1.00			3.35
Dodd City	White					.25									.18								.26				.20			.55			1.44
Dumas	Arkansas	T.	.22	.72																			.70	.03					1.00	1.05			3.72
Dutton	White	T.	.16	1.27	.21	.88								.14	.06								.53			.05	.23			.92			4.45
El Dorado	Ouachita		.16	1.20		T.	.02																.08	.03			.30			1.58			3.37
England	Arkansas		.11	.80	T.	.04																	.71	.02			.99			.71			3.38
Eureka Springs	White		.10	2.18										.70	.32								.36			.10	.10			1.00			4.86
Evening Shade	White			.90		.22																	.04			.67				.43			2.26
Fayetteville	White		.10	1.70	T.									1.30	.41								.46			.57			1.40			5.94
Fort Smith ***	Arkansas	T.	1.78	.53		.01								.29	.08	T.							.29	T.		.19			.31	.48			3.96
Fulton	Red		T.	1.51												.05							.49				.20			.53			2.81
Georgetown	White			.87	.21		.47									T.							T.	.67			1.00			.70	.05		3.97
Grannis	Red	T.	2.00	.20																				.35		.17	1.42		.05	.31			4.50
Gravette	Arkansas		T.	1.68	.50	T.								.72	.85								.85			T.				1.51			6.11
Harrison	White			1.25																													
Heber Springs	White		.26			.21																	.67				1.21			.63			2.98
Helena	Mississippi			.58	.50		.06																.06	.32			.46			1.00	.18		3.16
Higden	White		.86	.04											.03								.60			.65			.55	.03			2.76
Hope	Red	T.	.96	.03											.03								.45			.04	.33			.75			2.59
Hot Springs	Ouachita	.02	.31	.78		T.									.08	.03							.36	T.		.02	1.06		.10	.61			3.37
Huttig	Ouachita	.12	.35	1.10																			.10										4.22
Jonesboro	White			1.26	.03	T.	.04																.36	.01			1.27			.67			3.64
Junction	Ouachita		.47																			T.	T.			.67			1.09			2.23
Lambrook	White						.47																.72										3.27
Little Rock ***	Arkansas		.31	.35		.01	.01								T.								.47			.69	.17		.22	.36			2.59
Ludwerville	Arkansas		.30	1.46		.16									.05								.35				.35			.99			3.66
Magnolia	Red		.40	.30																	.40	.70											1.80
Malvern	Ouachita			.65	.05		.07																.11	.28		1.53				.60			3.29
Mammoth Spring	White			.80	.03		.02																.35			.03	.25			.60			2.08
Marianna	Mississippi			.75			.18																.91	.05			.33			.35			2.60
Marked Tree	Mississippi			.52	.91		.32																	.43			.84		.74		.05		3.51
Marshall	White			1.46		.22								T.	.06								.46			.34				.75			3.32
Mena	Ouachita		.62	1.70	.06																		.07	.67	.08	.01	1.22			.44	.01		3.68
Morrilton	Arkansas														.06												.06			.82			2.00
Mountain Home	White		.95			.08																	.43				.70			1.00			3.46
Mount Ida	Ouachita		.20	1.33																													
Murfreesboro	Ouachita	.31	.22	.19			.43								.68							.71		.27					.91	.03			4.33
Nail	White			1.66		T.								T.									1.10			.10				1.10			3.90
Newport	White			.94	.13		.25																.06	.52			1.23			.72	.10		4.01
Osceola	Mississippi			.61	.88		.02																	.45			.85			1.02			3.79
Ozark	Arkansas		.54	1.86		T.									T.								.30			.06				1.40			4.16
Patterson	White				1.32	.38		.15						.03	.08								.23		.10		.80			.72			4.00
Pindall	White			.98		.10										T.							.78				.24			.90			3.11
Pine Bluff	Arkansas			1.59			.10																.10	.30			.65			.95			3.60
Pocahontas	White			1.25	.10																		.35			.75				.70			3.15
Portland	Ouachita			1.00																			1.42	.10			.78		1.30	.30			4.90
Prescott	Ouachita		T.	.89												.03							.55	.25			.19			.75			2.66
Princeton	Ouachita															.25							.50	1.30			1.08		.75				3.88
Rison	Ouachita			1.52																			1.25							1.02			3.79
Rogers	Arkansas			1.48		T.								T.	1.01	.08							.14				.24			.63			3.58
Searcy	White		.10	.20																			.20	T.					.10	.40			1.00
Silver Lake	Mississippi		.78	.17																			.73					.41	1.37	1.21			4.67
Springbank	Red		.22	1.42	T.											T.							.40	T			.78			.97			3.79
Stuttgart	Arkansas		T.	.94			.01																	.12			.04			.97			2.28
Subiaco	Arkansas			1.94		.06									.01								.30			.14			1.03			3.48
Texarkana	Red	.04		1.20												.04							.12	.07			.20			.58			2.25
Walnut	Arkansas	.15	1.21			.06								T.	.03								.21			.23			.60				2.49
Warren	Ouachita																																
Wynne	Red	T.																					.30				.35						0.65
Winchells	Mississippi		.51	.45		.05										T.							T.	.45			.72			.55	.12		2.88

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. † Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for November, 1923.

Stations.	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.0	15.0	14.3	13.8	13.8	13.0	13.0	12.8	12.5	12.2	11.8	11.5	11.2	10.9	10.6	10.3	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
Dardanelle	Arkansas	20	12.0	13.1	13.4	14.8	17.0	16.2	16.0	15.0	13.0	11.2	9.7	9.0	8.5	8.0	8.7	14.8	14.4	12.7	11.0	10.0	9.5	8.7	7.8	7.5	7.3	7.0	6.8	6.7	6.7	6.7	
Little Rock	Arkansas	23	10.1	11.5	12.5	13.0	14.0	16.9	16.0	15.8	14.8	12.9	10.8	9.9	8.3	7.5	6.8	7.4	13.8	14.0	12.1	10.5	9.3	8.4	8.0	6.7	6.2	6.0	5.9	5.7	5.5	5.4	
Pine Bluff	Arkansas	25	13.5	14.5	15.9	16.3	17.0	19.1	19.7	19.3	18.8	17.7	16.5	14.4	13.1	12.2	11.6	11.0	11.5	17.3	16.6	15.2	14.0	13.2	12.3	11.6	10.8	10.5	10.1	9.9	9.8	9.6	
Black Rock	Black	14	2.9	2.8	3.0	3.8	3.9	3.7	3.5	3.5	3.4	3.3	3.3	3.1	3.0	3.0	2.9	2.9	2.9	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.6	2.6	2.9	2.9	2.9	3.0	
Calico Rock	White	18	0.2	0.1	0.7	1.5	3.2	5.6	5.5	4.6	3.7	3.1	2.8	2.4	1.5	1.3	1.8	1.9	1.7	1.7	2.6	2.5	2.5	2.3	1.9	1.9	2.0	1.4	1.1	1.4	1.5	1.6	
Batesville	do	23	5.5	5.4	5.2	6.6	6.9	11.3	11.2	11.0	9.9	9.1	8.6	8.3	7.8	6.8	6.6	7.3	7.3	6.7	7.3	9.1	7.9	8.0	7.8	7.1	6.0	7.0	6.6	6.6	6.6	6.9	
Newport	do	26	3.4	3.3	3.2	3.4	3.5	3.8	6.5	6.2	6.0	5.9	5.7	5.6	5.7	5.5	5.3	4.9	4.6	4.5	4.3	4.5	4.7	4.3	4.3	4.4	4.3	4.5	4.4	4.3	4.2	4.0	
Georgetown	do	22	2.6	2.6	2.6	2.9	3.4	4.6	5.5	7.0	8.4	8.8	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.6	4.4	4.2	4.1	4.1	4.6	4.8	4.8	4.8	5.0	5.2	5.2	5.0	
Clarendon	do	30	9.6	9.7	9.9	10.0	10.1	10.4	11.0	11.8	12.9	14.1	15.0	15.3	15.2	14.9	14.5	14.0	13.4	12.8	12.4	12.2	12.0	11.9	11.9	12.0	12.0	12.1	12.1	12.1	12.5	12.7	
Helena	Mississippi	42	9.1	8.7	8.3	8.0	7.7	7.6	7.6	7.8	8.1	8.5	8.5	8.8	8.9	8.9	8.9	9.0	9.1	9.2	9.3	9.2	8.8	8.3	7.9	7.1	6.8	6.6	6.5	6.5	6.5	6.5	
Arkansas City	do	48	17.2	16.4	16.0	16.0	16.2	16.8	16.8	17.4	17.9	18.1	18.0	17.9	17.5	17.0	16.4	15.8	15.5	15.5	15.5	16.7	17.6	17.6	17.4	15.2	14.1	12.5	11.6	11.3	11.0	10.9	10.8
Camden	Ouachita	40	4.2	4.1	4.3	5.4	6.0	6.4	6.5	6.0	6.3	6.8	6.4	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.7	
Danville	Petit Jean	20	7.6	4.9	7.0	16.4	17.2	12.9	7.9	6.4	5.9	5.8	5.7	5.7	5.6	5.5	5.5	4.2	3.4	3.1	3.0	3.0	3.0	3.0	2.9	2.6	2.5	2.4	2.4	2.3	2.1	1.1	
Fulton	Red	28	24.1	24.8	25.0	24.8	24.7	24.6	24.4	24.0	23.6	22.6	21.4	19.9	18.3	17.0	15.7	14.8	17.8	20.3	21.0	20.9	20.6	18.8	17.3	15.6	14.7	14.3	13.9	13.7	14.2	14.1	
Arkadelphia	Ouachita	18	0.9	1.1	1.5	1.1	1.3	3.9	2.8	1.3	1.7	1.4	1.3	1.1	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.1	1.2	1.3	2.0	1.7	
Patterson	Cache	9	6.8	6.5	6.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.2	7.5	7.7	7.8	7.8	7.7	7.7	7.3	7.1	6.7	6.4	6.1	5.9	5.6	5.6	6.0	6.2	6.2	6.5

Daily Temperatures for November, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	51	53	52	59	52	55	66	65	66	71	75	75	74	64	65	66	62	71	68	71	70	52	63	60	64	60	40	46	44	58	....	61.3
	Minimum	29	33	43	48	48	41	30	30	30	33	33	33	35	46	40	38	29	29	33	30	31	50	43	31	31	47	26	29	29	33	....	35.2
Bee Branch	Maximum	50	53	55	55	55	50	61	61	62	64	68	68	67	68	59	59	59	65	65	65	65	63	57	57	55	55	54	43	44	59	....	58.5
	Minimum	30	35	43	45	41	35	27	32	31	32	37	35	46	46	41	32	26	35	39	34	44	46	47	30	35	40	31	25	33	29	....	36.1
Bentonville	Maximum	49	49	48	57	49	52	61	66	68	68	69	64	58	59	60	55	57	70	67	69	64	54	57	63	58	56	45	42	36	52	....	57.4
	Minimum	34	42	43	42	35	28	37	33	38	42	43	48	54	47	41	38	30	41	36	43	49	47	37	32	49	33	28	28	32	32	....	36.7
Booneville	Maximum	47	48	50	61	56	53	67	67	72	72	74	76	79	64	66	64	61	58	74	69	70	65	61	67	63	61	59	65	70	72	....	64.4
	Minimum	36	41	44	47	40	33	37	38	42	45	46	46	55	55	56	50	40	34	41	44	53	54	54	38	54	34	33	40	34	36	....	43.3
Brinkley	Maximum	52	58	56	55	55	58	70	66	61	74	76	78	78	72	70	72	62	72	72	74	74	70	66	64	63	63	55	47	46	61	....	64.7
	Minimum	33	36	53	53	46	43	33	34	35	39	40	37	45	46	48	37	33	38	38	36	52	53	50	36	44	48	38	30	40	33	....	40.9
Cahco Rock§§	Maximum	50	54	52	56	51	56	62	52	74	81	77	77	74	62	64	64	63	78	72	73	73	51	63	62	67	59	45	44	44	61	....	62.0
	Minimum	27	32	43	46	47	36	27	30	31	32	36	34	36	49	38	32	28	28	28	30	31	48	44	32	33	35	25	24	25	30	....	34.9
Camden§§	Maximum	49	54	59	59	62	58	69	69	75	73	73	74	75	66	36	43	45	34	30	30	31	33	34	47	54	34	34	50	41	34	34	31	....	57.3
	Minimum	36	42	45	47	44	35	29	30	32	32	35	36	43	45	34	30	30	31	33	34	47	54	48	45	48	45	44	35	37	30	....	41.2
Center Point	Maximum	53	51	60	65	60	57	69	69	72	71	70	72	74	64	70	72	59	67	68	71	67	63	69	65	63	63	52	45	42	60	....	63.4
	Minimum	48	46	49	48	41	34	30	37	39	39	40	42	43	51	44	36	29	29	39	39	46	54	48	45	48	45	44	35	37	30	....	41.2
Conway	Maximum	49	53	56	61	57	57	69	68	73	73	75	76	77	65	67	70	62	75	72	73	72	60	67	64	60	64	53	45	44	60	....	63.9
	Minimum	33	38	48	50	46	40	29	32	33	34	33	36	48	50	44	35	35	39	37	35	49	53	49	32	42	46	34	31	39	30	....	39.0
Corning	Maximum	51	57	55	53	54	55	66	61	62	73	77	75	71	63	66	64	58	74	68	73	71	65	62	59	70	66	52	47	45	60	....	62.2
	Minimum	27	35	45	47	41	38	32	28	30	36	39	35	42	44	44	33	27	31	31	30	51	44	44	30	35	39	25	25	36	36	....	36.0
Dardanelle	Maximum	62	50	55	62	60	54	67	65	66	68	69	60	74	70	66	66	61	62	70	72	71	69	66	64	62	68	64	63	48	46	....	63.3
	Minimum	36	43	47	45	42	36	31	34	36	36	40	42	41	53	42	37	34	36	32	41	42	55	48	36	43	44	36	33	36	31	....	39.7
Dodd City	Maximum	....	....	....	65	45	41	60	63	60	69	72	70	76	58	59	60	59	73	69	71	65	60	58	62	59	60	58	52	60	67	....	62.0
	Minimum	....	....	....	43	39	29	27	28	29	36	37	34	38	49	34	41	24	29	30	35	44	44	33	28	37	33	26	20	32	27	....	33.3
Lamas	Maximum	49	55	62	57	60	65	70	65	70	70	76	76	76	68	72	70	68	60	57	65	75	68	65	65	74	65	56	45	45	68	....	64.6
	Minimum	36	43	49	49	43	43	32	34	32	33	36	36	42	40	48	34	34	30	42	35	50	56	54	34	40	40	40	35	39	36	....	39.8
Dutton	Maximum	45	47	49	58	51	50	63	61	69	66	67	69	63	58	60	59	59	75	66	66	64	58	68	58	55	55	47	41	40	51	....	58.0
	Minimum	26	34	42	43	39	21	24	24	27	30	31	37	49	50	30	27	24	30	27	32	50	48	37	25	37	36	32	22	31	26	....	32.7
El Dorado	Maximum	46	55	54	53	55	54	59	60	62	67	68	63	62	65	59	58	56	55	65	70	65	61	61	60	68	62	55	54	50	46	....	58.9
	Minimum	11	44	51	48	35	38	39	40	37	43	45	41	45	46	47	46	34	40	44	41	49	54	54	38	47	47	44	38	32	38	....	43.0
England	Maximum	49	54	55	58	58	57	75	68	78	75	71	78	78	67	69	69	62	72	72	75	75	63	62	66	64	62	50	49	45	61	....	64.6
	Minimum	34	46	49	49	43	41	39	36	34	54	39	38	46	49	46	38	34	37	40	36	53	54	52	34	42	48	40	32	40	32	....	41.5
Eureka Springs	Maximum	51	51	49	60	56	55	64	67	71	76	74	69	63	59	63	58	58	73	71	76	69	57	61	64	61	59	48	41	37	60	....	60.1
	Minimum	31	46	41	43	39	27	38	33	44	50	49	51	53	51	40	40	30	43	39	45	53	46	42	35	45	37	27	25	31	31	....	40.0
Evening Shade	Maximum	55	54	58	54	55	56	68	67	67	75	78	78	75	65	68	67	61	71	78	73	73	66	65	61	64	66	55	45	44	60	..	63.8
	Minimum	27	38	45	44	45	38	29	28	30	30	35	34	47	45	35	31	26	26	27	29	48	46	45	30	31	31	25	26	36	29	....	34.5
Fayetteville	Maximum	48	48	49	56	51	52	62	66	68	67	69	63	58	60	57	55	69	70	68	65	65	63	58	61	57	56	49	43	40	53	....	58.1
	Minimum	31	39	42	42	39	28	40	31	37	41	41	50	53	51	38	41	29	43	34	45	53	48	42	32	51	36	30	28	31	29	....	39.2
Fort Smith	Maximum	49	47	51	61	50	54	66	67	70	70	71	70	61	61	65	62	55	72	66	73	68	59	64	67	58	61	49	42	39	56	....	60.1
	Minimum	38	43	47	47	44	36	35	39	39	42	43	49	56	49	43	41	36	36	41	43	50	52	47	38	48	45	38	36	33	31	....	42.1
Granuts	Maximum	52	55	55	62	62	52	69	68	70	70	71	71	71	61	68	69	69	71	71	70	70	70	70	70	70	70	66	51	40	58	....	64.7
	Minimum	39	38	38	45	39	32	31	35	35	35	39	40	49	51	43	30	30	33	36	39	39	44	52	52	36	45	41	31	35	28	....	38.7
Gravette	Maximum	47	58	48	52	52	53	62	67	70	69	70	64	62	63	62	56	57	71	69	70	77	55	59	62	59	57	46	44	46	52	....	59.1
	Minimum	30	40	42	41	33	21	29	28	31	38	36	44	51	51	32	32	23	41	31	39	35	47	37	30	52	28	21	26	31	22	....	35.3
Harrison	Maximum	48	54	57	59	55	53	69	65	71	71	71	73	68	67	61	62	75	72	65	65	65	63	64	63	64	59	50	59	42	59	....	61.9
	Minimum	40	45	44	43	46	39	30	31	39	37	23	32	57	56	33	52	36	40	52	51	57	51	46	30	33	33	26	39	35	36	....	39.7
Hope	Maximum	47	50	60	63	62	60	69	65	73	74	73	76	74	69	70	71	60	71	70	74	74	75	76	70	65	65	49	45	45	62	....	65.2
	Minimum	42	43	50	49	43	41	33	35	36	37	39	39	50	48	48	37	32	35	43	53	55	56	55	50	48	43	35	39	30	44	....	43.1
Hot Springs	Maximum	47	48	58	59	58	55	71	68	73	70	72	73	74	63	68	70	61	70	70	71	71	61	68	64	61	63	50	43	41	59	....	62.7
	Minimum	36	41	46	48	42	36	33	35	38	38	39	39	50	49	44	37	31	36	41	38	52	55	47	35	45	43	39	33	37	31	....	40.5
Hutting	Maximum	54	52	57	56	63	61	70	68	74	76	77	76	76	71	73	71	70	71	76	76	....	77	69	70	....	....	....	75	52	50	65	....	67.6
	Minimum	40	45	45	45	45	40	33	41	31	36	35	36	40	43	54	40	53	38	36	36	....	44	55	36	....	....	....	38	39	39	31	....	42.6
Jonesboro	Maximum	50	59	54	54	52	55	65	62	63	72	76	73	72	64	68	66	58	71	65	73	73	63	62	59	76	66	60	46	45	59	....	62.0
	Minimum	31	39	47	49	47	41	36	34	37	34	41	42	48	48	53	42	34	39	43	37	53	47	49	36	39	44	35	30	39	36	....	41.0
Junction	Maximum	51	58	54	58	62	67	71	66	64	67	72	73	69	68	66	65	67	65	67	73	72	75	73	72	68	70	71	67	54	59	....	66.2
	Minimum	38	36	37	34	35	33	31	33	37	44	43	41	37	34	31	32	33	34	35	36	37	42	43	42	40	44	37	46	35	29	....	37.0
Little Rock	**Maximum**	48	53	54	58	56	53	68	65	71	70	72	73	71	60	65	66	60	68	68	71	70	62	65	62	61	61	47	45	43	60	....	61.6
	Minimum	40	43	48	49	41	40	35	43	41	42	46	45	52	53	47	42	38	36	43	44	54	54	49	54	46	47	39	33	38	34	....	43.6
Lutherville	Maximum	47	49	52	68	59	55	64	64	68	64	70	71	70	65	65	64	56	67	68	72	65	60	65	61	59	62	59	48	41	55	....	61.1
	Minimum	37	40	44	48	41	33	33	38	39	42	45	45	54	53	44	40	30	37	43	45	51	52	48	35	43	42	36	30	31	33	....	42.2
Malvern	Maximum	50	49	57	61	61	57	72	69	75	73	75	74	75	65	70	74	63	72	71	73	75	65	69	66	63	64	58	50	43	61	....	65.0
	Minimum	35	43	48	47	44	34	28	32	31	33	35	35	49	49	43	33	32	32	37	32	46	56	49	32	38	48	38	33	29	31	....	38.6
Marianna	Maximum	49	59	58	59	57	54	65	60	63	73	72	71	72	69	68	69	59	68	72	74	71	61	65	62	64	65	55	46	56	59	....	63.1
	Minimum	32	43	49	48	49	44	35	34	34	36	37	40	41	42	49	38	38	37	38	41	50	54	50	48	47	45	37	33	33	35	..	41.2
Marked Tree §§	Maximum	60	51	53	52	54	66	64	65	73	78	76	75	68	69	66	59	71	69	71	69	71	69	56	64	59	76	69	46	50	48	58	64	....	62.8
	Minimum	33	45	50	47	43	37	31	32	35	41	38	39	45	46	36	33	35	44	35	35	45	50	35	36	40	30	30	31	37	36	....	38.2
Marshall	Maximum	49	54	52	56	55	52	62	69	69	68	69	70	71	66	67	60	59	75	66	68	68	63	63	58	61	66	59	53	40	40	55	....	60.3
	Minimum	32	42	45	46	44	31	37	34	38	43	47	50	58	53	44	43	34	43	41	48	56	47	48	36	48	40	30	27	34	34	....	41.9
Mena	Maximum	47	44	55	60	53	52	68	67	66	69	72	73	72	59	57	58	62	77	77	71	68	65	64	66	59	58	48	44	38	60	....	60.7
	Minimum	43	40	44	46	38	32	34	35	39	48	38	45	52	52	38	38	31	35	32	42	50	54	49	34	50	44	44	32	33	29	....	40.7
Mt. Horne	Maximum	51	56	57	..	56	60	70	71	72	76	76	77	63	64	64	64	63	76	69	71	70	59	63	62	60	61	45	41	46	58	....	63.1
	Minimum	26	39	42	....	39	30	29	27	30	35	37	35	50	48	39	31	30	29	33	32	46	42	43	27	35	37	24	22	32	27	....	34.3
Mount Ida	Maximum	49	46	55	66	60	57	78	69	76	72	75	75	76	74	71	71	65	75	72	73	72	61	68	67	61	63	53	44	41	64	....	64.8
	Minimum	33	41	44	48	34	30	24	28	28	29	30	31	48	46	34	29	26	25	31	29	44	52	41	27	36	38	28	27	37	25	....	34.1
Nail	Maximum	43	46	47	56	50	52	57	59	69	67	67	65	62	62	60	60	59	75	65	63	69	57	57	55	54	52	49	44	34	50	....	56.5
	Minimum	33	34	36	36	35	30	33	33	34	40	39	39	56	47	40	39	30	40	41	41	40	40	40	41	40	39	29	25	36	29	....	36.9
Newport	Maximum	56	55	51	57	55	54	67	62	64	74	75	74	74	66	69	67	69	71	61	72	66	72	66	59	62	65	54	44	45	60	....	62.8
	Minimum	33	43	49	49	48	43	35	35	36	39	43	40	56	50	46	39	41	37	34	38	49	50	49	36	39	43	35	39	39	35	....	41.3
Osceola	Maximum	54	54	62	59	60	53	50	65	62	62	71	77	75	72	68	71	66	59	71	67	73	70	59	62	58	69	68	48	55	56	....	63.2
	Minimum	29	35	45	49	46	42	32	30	33	36	42	37	46	41	46	37	31	33	37	35	39	52	49	33	38	43	33	28	33	35	....	38.2
Ozark	Maximum	49	50	51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	35	40	45	....	....	....	....	34	33	35	38	66	11	48	35	30	30	32	31	33	38	25	33	34	41	28	30	30	35	31	....	36.3
Pea Ridge	Maximum	49	54	57	57	57	58	73	68	75	72	77	78	78	69	77	75	67	73	71	78	77	62	68	69	67	65	49	45	45	65	....	65.9
	Minimum	37	41	49	41	41	40	33	37	34	35	37	37	46	46	46	37	35	37	41	34	50	53	50	34	43	45	40	34	34	35	....	39.9
Pocahontas	Maximum	51	55	52	54	52	59	70	65	65	71	76	76	72	64	66	67	58	76	68	70	70	66	65	66	64	62	55	46	44	59	....	62.6
	Minimum	30	38	46	48	45	40	33	32	34	32	38	38	46	48	42	37	34	34	40	33	50	46	46	32	36	42	32	27	37	35	....	38.4
Portland	Maximum	55	53	59	60	60	55	64	63	65	67	70	70	70	70	70	67	60	68	68	72	74	69	66	64	72	68	57	49	47	61	....	63.8
	Minimum	39	44	51	50	45	42	33	40	34	37	40	50	40	41	53	47	36	32	44	37	48	56	55	39	44	54	41	39	38	38	....	42.9
Prescott	Maximum	49	49	61	62	62	58	68	68	74	74	74	75	74	64	71	72	63	70	69	74	71	65	70	69	65	65	57	45	44	62	....	64.3
	Minimum	41	44	48	50	46	36	32	40	36	37	39	39	49	50	46	38	32	33	42	37	45	57	54	37	45	49	44	35	39	36	....	41.7
Pyatt	Maximum	45	54	56	58	60	55	70	66	72	71	73	74	75	67	69	70	61	72	69	73	71	66	67	67	67	64	55	45	42	62	....	64.2
	Minimum	38	42	48	55	43	38	33	38	36	39	40	39	45	60	47	38	33	35	40	40	49	57	54	37	45	48	40	32	38	32	....	41.9
Rogers	Maximum	49	50	49	57	53	52	60	66	69	68	70	65	63	60	59	57	58	72	70	70	66	60	58	63	59	56	50	45	40	54	....	58.9
	Minimum	29	41	42	42	39	27	31	28	31	34	38	40	51	52	33	31	26	43	30	35	49	46	37	29	45	33	24	27	32	31	....	37.9
Salem	Maximum	54	55	53	58	56	58	70	71	68	71	72	75	75	70	67	68	65	70	70	72	72	65	63	62	58	60	52	46	45	57	....	63.4
	Minimum	25	30	40	40	40	35	25	25	26	25	30	32	40	40	35	35	40	25	28	35	40	42	42	27	32	45	30	25	30	25	....	33.0
Searcy	Maximum	56	55	57	59	53	54	59	57	65	67	74	74	67	69	70	70	71	70	71	70	73	72	66	67	67	67	64	55	45	42	62	....	63.6
	Minimum	40	41	40	41	44	36	34	34	35	39	40	44	39	41	33	32	30	39	37	40	39	40	40	40	39	36	34	37	40	40	....	37.9
Stuttgart	Maximum	49	55	57	57	57	57	71	64	70	74	75	75	74	67	69	69	61	70	71	74	73	64	66	63	63	61	53	45	45	61	....	63.7
	Minimum	24	34	48	46	45	45	36	33	36	40	40	37	47	47	44	35	32	34	39	36	50	54	51	33	43	48	39	31	40	38	....	39.9
Subiaco	Maximum	49	69	53	67	66	58	70	71	70	69	70	75	74	64	68	67	60	74	69	72	68	61	70	68	62	65	64	42	41	61	....	64.6
	Minimum	33	36	43	47	42	33	35	35	48	48	41	41	53	55	47	43	34	41	42	39	51	53	53	35	41	45	35	29	30	31	....	41.6
Texarkana	Maximum	49	49	59	63	65	58	71	72	75	74	73	77	75	68	68	72	63	70	73	73	73	63	72	70	66	69	60	45	42	63	....	65.6
	Minimum	44	43	39	49	44	36	31	40	30	39	50	42	51	52	48	38	34	34	42	41	41	58	54	42	52	50	45	35	38	32	....	43.0
Warren	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Weiner	Maximum	50	59	56	60	54	55	65	61	64	72	75	74	74	67	69	69	56	70	68	72	71	62	64	59	68	60	55	50	45	50	....	62.5
	Minimum	35	43	49	50	48	42	32	31	35	34	43	39	43	49	46	36	31	36	35	37	52	53	50	34	43	48	35	29	36	32	....	40.2

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII LITTLE ROCK, ARK., DECEMBER, 1923. NO. 12.

GENERAL SUMMARY.

Unusually mild weather prevailed throughout most of December, the monthly mean temperature for the State, 49.1°, being the highest recorded in Arkansas during the past 34 years. The month was one of the wettest Decembers on record and the number of rainy days, 13, has not before been equalled during Arkansas' climatological history. While the month was warm and damp no extremes of temperature or precipitation occurred. The rainy weather was favorable for the growth of meadows, pastures, wheat, oats, and truck, but was unfavorable for most outdoor work. The soil was too wet for plowing most of the month and dirt roads were impassable in most sections of the State. Some clearing, fencing, and cutting timber were carried on when the weather permitted, but for the most part outdoor activities were suspended. During the last week but little rain occurred and on the 31st a cold wave overspread the State bringing the first unmistakably winter weather of the season.

W. C. H.

TEMPERATURE.

The mean temperature for the month of December, as determined from the records of 53 stations, was 49.1° which is 7.0° above normal, making this the warmest December in Arkansas since state wide records have been kept. Positive departures were recorded in all sections. The highest monthly mean was 56.2° at Junction, the lowest, 44.0° at Gravette. The highest temperature recorded was 80° at Texarkana on the 8th, the lowest, 9° at Bentonville Fayetteville, and Gravette on the 31st. The greatest daily range was 53° at Booneville on the 31st.

PRECIPITATION.

The average precipitation, as determined from the records of 72 stations, was 6.24 inches which is 2.15 inches above normal, all sections showing positive departures with the greatest monthly total occurring in southern and southwestern counties. Monthly totals ranged from 3.38 inches at Mountain Home to 11.80 inches at Magnolia. The greatest amount measured in 24 consecutive hours was 3.40 inches at Huttig on the 10th. The precipitation practically all fell as rain, only one station reporting a measurable amount of snow. The average number of rainy days was 13.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	30.07	30.63	14	29.51	30	4,695	27	s.	7	.....	.....	52
Fort Smith...	30.08	30.64	14	29.54	29	6,523	37	sw.	27	84	67	49
Little Rock	30.09	30.69	14	29.61	29	7,200	40	s.	7	86	77	47
Memphis....	30.10	30.72	14	29.64	29	6,135	32	n w.	13	82	76	45

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

High Winds:-7th, 8; 8th, 5; 23d, 1; 24th, 1; 26th, 1; 31st, 1.

Sleet- 14th, 1; 31st, 8.

Glaze:- 31st, 1.

Thunderstorms:- 8th, 1; 9th, 11; 10th, 12; 21st, 2; 22d, 2; 30th, 4.

Dense Fog:- 12th, 1; 19th, 2; 20th, 2; 22d, 4; 28th, 1; 29th, 1.

Solar Halos:- 15th, 1.

Lunar Halos:- 1st, 2; 15th, 1; 16th, 3; 17th, 3; 18th, 1; 20th, 1; 25th, 1.

Earthquakes:- 31st at Helena, Jonesboro, Marked Tree, Wynne, Wilson, Black Rock, Newport, Pocahontas, Corning.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Means and Extremes.	42.1		88	-21	4.09		12	6	13	7
1891.....	46.9	+4.8	72	13	4.69	+0.65	14	7	10	7
1892.....	40.9	-1.2	83	- 7	8.79	+4.70	7	6	18	10
1893.....	45.4	+3.3	79	3	1.83	-2.26	14	8	9	5
1894.....	44.6	+2.5	82	-11	3.48	-0.61	14	6	11	6
1895.....	43.8	+1.7	78	5	3.96	-0.13	13	6	12	7
1896.....	45.8	+3.7	81	5	0.84	-3.25	8	7	16	8
1897.....	40.3	-1.8	86	10	6.00	+1.91	10	5	16	8
1898.....	39.5	-2.6	76	- 4	1.87	-2.22	16	6	9	5
1899.....	41.0	-1.1	74	8	4.08	-0.01	15	7	9	5
1900.....	44.9	+2.8	82	10	2.76	-1.33	16	6	9	5
1901.....	38.5	-3.6	87	- 6	4.42	+0.33	12	6	13	6
1902.....	40.8	-1.3	86	5	5.71	+1.62	10	6	15	8
1903.....	39.7	-2.4	74	6	3.44	-0.65	18	5	8	6
1904.....	42.9	+0.8	80	3	5.10	+1.01	12	7	12	7
1905.....	38.5	-3.6	70	7	4.96	+0.87	14	5	12	7
1906.....	46.5	+4.4	83	10	5.64	+1.55	8	7	16	8
1907.....	44.4	+2.3	85	11	2.70	-1.39	12	6	13	7
1908.....	46.0	3.9	82	11	1.50	-2.59	13	7	11	5
1909.....	35.3	-6.8	82	1	5.26	1.17	14	6	11	6
1910.....	40.8	-1.3	75	9	3.57	-0.52	13	6	12	6
1911.....	43.0	+0.9	78	3	7.00	+2.91	10	7	14	8
1912.....	41.7	-0.4	76	8	2.03	-1.16	14	7	10	5
1913.....	43.6	1.5	77	14	3.26	-0.83	7	7	17	9
1914.....	36.1	-6.0	70	-11	6.26	2.17	8	4	19	12
1915.....	43.9	+1.8	78	11	4.73	+0.64	12	4	15	7
1916.....	42.1	0.0	82	-16	3.35	-0.74	14	6	11	6
1917.....	34.8	-7.3	71	-21	1.29	-2.80	13	6	12	7
1918.....	47.6	+5.5	88	9	5.02	1.53	14	5	12	7
1919.....	40.4	-1.7	78	1	1.94	-2.15	13	4	14	5
1920.....	43.2	+1.1	74	6	5.95	+1.86	13	5	13	8
1921.....	47.1	+5.0	82	11	2.78	-1.31	13	6	12	6
1922.....	47.8	+5.7	86	12	4.59	+0.50	12	5	14	6
1923.....	49.1	+7.0	80	9	6.24	+2.15	9	5	17	13

*Based on 30 years record.

Climatological Data for December, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	186	27	.....	.....	.....	.....	.....	.....	.....	6.55	+1.46	1.60	0	11	4	5	22	n.	F. J. Carpenter.
Arkansas City	Desha	145	39	.....	.....	.....	.....	.....	.....	.....	9.29	+4.29	1.68	T.	18	5	4	22	n.	Geo. E Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	4.50	.....	0.80	0	10	[illegible]	8	17	.....	J. D Reeves.
Batesville	Independence	277	24	47.2	+ 6.9	73	8	20	15	44	6.03	+2.28	2.46	0	13	7	3	21	nw.	Mrs. Lelia I. Tetei.
Bee Branch	Van Buren	.....	31	46.8[b]	+ 4.4	71[b]	9	19[b]	15	36[b]	6.52	+2.77	2.05	0	15	8	2	21	sw.	J. E. Scanlan.
Bentonville	Benton	1303	17	44.8	+ 7.3	70	8	9	31	35	3.79	+1.03	1.29	0.1	11	13	8	10	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	21	.....	.....	.....	.....	.....	.....	.....	6.18	+2 62	1.50	0	14	7	2	22	.....	Vernon C. Howe.
Booneville	Logan	600	9	52.0	.....	79	8	17	31	53	5.18	.....	1.25	0	12	16	3	12	s.	Supt. Tuberculosis San
Brinkley	Monroe	205	41	52.6	+ 9.3	71	9†	24	15	41	5.90	+0.88	1.21	0	13	10	1	20	s.	H L. D. Whitson.
Calico Rock	Izard	361	19	46.0	.....	76	8	19	14	46	4.06	+1.20	0.87	0	13	6	12	13	sw.	W. J. Copp.
Camden	Ouachita	158	37	51.8	+ 6.4	77	9	25	6	43	4.89	+0.09	1.83	0	16	4	5	22	n.	A. B. Quarterman
Centerpoint	Howard	470	24	51.7	+ 6.9	79	8	24	14	40	7.40	+3.19	1.37	0	13	6	5	20	sw.	John C. Floyd
Clarendon	Monroe	200	19	....	.....	.....	.....	.....	.....	.....	6.33	+0.81	1.07	0	18	3	3	25	e.	J. W. Bishop.
Clinton	Van Buren	516	2	.....	.....	.....	.....	.....	.....	.....	5.42	.....	0.98	0	12	11	13	7	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	39	50.6	+ 8.4	78	8	22	15	42	5.55	+1.49	1.22	0	12	9	8	14	s.	E. E. Cordrey.
Corning	Clay	293	23	48.2	+ 7.2	75	8†	19	14	44	4.28	+0.78	1.27	T.	14	8	7	16	s.	Rev. N. E Skinner
Danville	Yell	327	8	.....	.....	.....	.....	.....	.....	.....	5.49	.....	1 38	0	12	9	0	22	w.	C. P. Evans.
Dardanelle	Yell	330	37	50.0	+ 9.7	77	8†	23	31	35	4.96	+1.70	1.21	0	10	8	4	19	n.	J. D. Riley.
Dodd City	Marion	1175	41	46.2	+ 7.3	76	27	13	31	53	4.17	+1.15	1.86	0	9	12	10	9	nw.	Neal Dodd.
Dumas	Desha	162	16	53.3	+ 7.7	79	29	25	15	37	8.46	+3.08	1.10	T.	17	4	8	19	s.	Ben Johnson.
Dutton	Madison	1590	21	44.6	+ 7.2	70	8†	12	14†	39	5.61	+2.66	1.06	T.	10	10	7	14	s.	J. M. Ricketts.
El Dorado	Union	270	23	53.0	+ 7.6	72	30	27	15	35	8.28	+2.44	2.10	0	16	4	10	17	sw.	J. J. Babb.
England	Lonoke	229	16	52.7	+10.6	75	29	26	15	36	7.64	+3.05	1.87	0	15	7	7	17	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	21	47.0	+ 8.4	73	8†	10	31	38	5.15	+2.91	1.02	T.	9	11	7	13	nw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	21	48.4	.....	77	8	17	15	46	3.90	.....	0.85	T.	12	11	5	15	s	C. C. Price.
Fayetteville	Washington	1451	37	45.8	+ 6.4	70	8†	9	31	33	3.87	+1.26	0.85	0	12	11	6	14	nw.	University of Arkansas
Fort Smith	Sebastian	481	41	48.2	+ 6.5	76	8	16	31	33	4.26	+1.38	1.58	T.	12	5	12	14	e.	U. S. Weather Bureau
Fulton	Hempstead	260	37	.....	.....	.....	.....	.....	.....	.....	7.91	+4.39	1.84	0	12	4	6	21	.....	T. J. Logan.
Georgetown	White	200	10	.....	.....	.....	.....	.....	.....	.....	5.13	.....	1.00	0	13	8	1	22	n.	Arthur Lentz
Grannis	Polk	900	5	51.4	.....	74	10†	17	31	50	8.54	.....	1.46	0	14	13	7	11	ne.	W. E. Mc Vay.
Gravette	Benton	1250	25	44.0	+ 6.8	70	8†	9	31	39	3.66	+1.52	0.90	0	8	12	6	13	sw.	A. F. Stevens.
Harrison	Boone	1052	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Books.
Heber Springs	Cleburne	485	2	.....	.....	.....	.....	.....	.....	.....	5.52	.....	2.39	0	12	6	8	17	e	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	6.15	+1.07	1.62	T.	17	7	0	24	.....	James A. Burnett
Higden	Cleburne	445	5	.....	.....	.....	.....	.....	.....	.....	5.73	.....	1.50	0	13	12	[illegible]	13	sw.	J. A. Ingram.
Hope	Hempstead	377	51	51.5[b]	+ 4.7	78[b]	9	21[b]	15	34[b]	10.46	+6.01	3.22	0	13	9[a]	5[a]	16[a]	ne.	N. P. O' Neal
Hot Springs	Garland	600	30	50.6	+ 6.2	76	8	24	14†	42	5.56	+1.26	1.10	T.	13	8	5	18	.....	P. P. Patraw.
Huttig	Union	175	16	51.9	+ 5.8	78	30	28	6	36	7.10	+1.97	3.40	0	9	9	3	19	nw.	J. L. Collett
Jonesboro	Craighead	345	28	49.7	+ 9.3	71	27	24	15	39	7.05	+2.44	1.59	0	14	11	4	16	ne.	Benedictine Sisters.
Junction	Union	182	30	56.2	+10.7	78	20	25	6	38	6.67	+2.69	1.72	0	7	6	3	22	n	J. A. Lowderback.
Lambrook	Phillips	155	1	.....	.....	.....	.....	.....	.....	.....	6.10	.....	1.69	0	13	6	0	25	.....	G. A. Newton.
Little Rock	Pulaski	286	44	51.2	+ 7.0	74	8	24	31	31	4.70	+0.46	1.32	0	16	5	6	20	s.	U. S. Weather Bureau
Lutherville. ††	Johnson	775	26	49.3	+ 8.7	75	8	21	31	39	5.95	+2.33	2.23	0	12	16	3	12	sw.	H. Kauffeld.
Magnolia	Columbia	315	5	54.6°	.....	79°	9	27	6†	36	11.80	.....	2.50	0	11	11°	5°	12°	ne.	State Agri. School.
Malvern	Hot Springs	277	40	52.2	+ 7.9	77	9	25	15	38	5.94	+1.38	1.00	0	14	8	6	17	ne.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	18	49.8	+11.8	78	27	18	15	49	4.45	+1.57	1.05	0	13	16	3	12	s.	F. Wallick
Marianna	Lee	235	14	52.1	+ 9.9	71	8	27	15	40	3.79	.....	0.93	0	15	6	9	16	e.	C. N. Houck.
Marked Tree	Poinsett	229	18	48.5	.....	70	7†	18	31	36	7.01	+2.68	1.46	T.	15	10	5	16	ne.	Charles Walton
Marshall	Searcy	1083	8	49.6	.....	73	8†	20	31	46	4.08	.....	1.07	T.	14	10	12	9	s.	W. F. Reeves.
Mena	Polk	1185	35	49.6	+ 7.1	75	8	17	31	35	4.96	+0.83	1.47	0	11	12	5	14	nw.	E. W. St. John.
Morrillton	Conway	347	3	50.2	.....	74	8†	25	31	43	4.98	.....	1.43	0	12	13	6	12	s.	W. C. Jackson.
Mountain Home	Baxter	800	9	46.6°	.....	77°	27	13°	31	43°	3.38	.....	0.88	0	10	15°	1°	12°	w	B S. Halbert.
Mount Ida	Montgomery	730	25	49.4	.....	77	8†	16	14†	42	5.95	+1.64	1.22	0	11	8	3	20	sw.	G A. Whittington
Murfreesboro	Pike	367	7	.....	.....	.....	.....	.....	.....	.....	8.49	.....	2.83	0	16	6	0	25	.....	Henry A. Davis.
Nail	Newton	2233	30	44.8	+ 7 4	69	8	11	31	30	5.18	+1.59	1.10	T.	10	9	9	13	s.	Charles Paxton.
Newport	Jackson	231	39	50.5	+ 9.2	74	8	25	15	41	7.65	+3.83	1.40	0	14	9	3	19	nw.	Geo. L. Robinson.
Osceola	Mississippi	240	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. W. Prewitt
Ozark	Franklin	450	27	48.8[b]	+ 6.6	78[b]	8	20[b]	31	45[b]	4.05	+0.74	0.95	0	10	10	7	14	nw.	Isham Burrow.
Patterson	Woodruff	196	7	.....	.....	.....	.....	.....	.....	.....	5.11	.....	1.50	0	11	8	0	23	n.	W. E. Baker.
Pindall	Searcy	1500	2	.....	.....	.....	.....	.....	.....	.....	3.41	....	0.97	0	12	7	7	17	se.	W. W. Wood.
Pine Bluff	Jefferson	215	39	53.2	+ 8.5	79	29	27	6	42	9.11	+3.94	1.90	0	14	9	0	22	ne.	Miss Theares Scheu.
Pocahontas	Randolph	300	31	49.6	+10.2	74	8†	22	14†	43	5.53	+2.00	1.05	0	15	7	6	18	s.	Benedicitine Sisters
Portland	Ashley	122	17	55.2	+ 8.2	77	27	29	6	35	10.32	+4.55	2 61	0	10	5	8	18	sw.	W. E. Edmiston.
Prescott	Nevada	329	41	53.0	+ 9.2	79	8	27	6†	37	8.89	+4.66	1 54	0	16	11	2	18	e.	O. J. Stephenson.
Princetown	Dallas	287	16	.....	.....	.....	.....	.....	.....	.....	9.78	+4.13	2.30	0	9	5	5	21	.....	Foote Coleman.
Rison	Cleveland	243	19	53.5	+ 9.0	75	29	26	15	37	8 30	+4.54	1.32	0	13	8	5	18	sw.	Geo. H. Tisdale
Rogers	Benton	1385	32	45.4	+ 7.0	72	8	11	31	37	4.10	+1.94	1.49	T.	10	11	7	13	sw.	Carl A. Starck.
Searcy	White	236	10	48.4	+ 5.9	75	30	20	15	40	.....	.....	.....	0	.....	15	1	15	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ††	Miller	240	11	.....	.....	.....	.....	.....	.....	.....	11.13	+6.20	2.50	0	14	7	2	22	.....	Miss Grace Field.
Stuttgart	Arkansas	228	35	51.8	+ 8.0	74	29	25	14	36	6.20	+1.31	1.14	0	13	8	7	16	ne.	H. A. Buerkle.
Subiaco	Logan	1050	26	51.2[a]	+ 9.5	78[a]	9	22[a]	14	37[a]	5.33	+2.32	1.55	0	10	18[a]	0[a]	12[a]	s.	New Subiaco Abbey.
Texarkana	Miller	332	41	54.0	+ 7.4	80	8	26	14	40	7.37	+3.82	2.30	0	14	8[a]	5[a]	17[a]	n.	H. S. Brashear.
Waldron	Scott	675	5	.....	.....	.....	.....	.....	.....	.....	8.42	.....	2.83	T.	11	7	5	19	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. W. L. Hartsell.
Whitecliffs	Little River	.....	18	.....	.....	.....	.....	.....	.....	.....	7.89	+3.47	1.50	0	9	7	3	21	ne.	Nannie O. Schirmer.
Wynne	Cross	250	15	51.0	+10.7	70	8	26	6†	38	6.75	+1.97	1.37	0	15	9	1	21	s.	E. O. Allen.
State Means and Extreme				49.1	+ 7.0	80	8	9	31	53	6.24	+2.15	3.40	0.1	13	9	5	17	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for December, 1923.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia	Ouachita	....	....	1.00	.30	.05	....	....	....	.35	.10	1.60	.60	.55	....	....	....	....	....	....	.60	.60	.80	....	....	....	....	....	.03	....	....	.02	6.55
Kansas City	Mississippi	....	T.	.20	.70	.63	....	....	....	.98	.54	1.20	.20	.40	.53	....	.12	....	....	.05	.42	1.20	1.68	.34	....	....	....	.05	.03	....	....	.02	9.29
Malvern	White	....	.30	....	.25	....	....	....	.75	....	.60	....	.40	.45	....	....	....	....	....	.25	.80	.30	.40	....	....	....	....	....	....	....	....	....	4.50
Batesville	White	....	....	.37	.17	.10	T.	....	T.	2.46	.40	.36	....	.78	.17	....	....	....	....	.04	.42	.12	.46	.18	....	....	....	....	....	....	....	....	6.03
Bee Branch	Arkansas	....	.12	.21	.25	.05	.	....	....	2.05	.50	.08	.36	.82	....	....	....	....	....	.26	.90	.32	.47	.08	....	....	....	....	....	....	T.	.05	6.52
Bentonville	Arkansas	T.	.07	.04	.13	....	....	....	....	....	1.09	.12	1.20	.03	....	....	....	....	T.	.29	....	.48	.33	....	....	....	....	....	....	....	....	.01	3.79
Black Rock	White	....	....	.22	.20	.21	T.	....	....	1.50	.25	.88	....	.98	.06	....	....	....	....	.03	.88	.12	.62	.20	....	....	....	.03	....	....	T.	....	6.18
Boone ville	Arkansas	....	.48	.14	....	....	....	....	....	1.25	.51	.65	.47	.85	....	....	....	....	.18	.05	....	.32	.25	.03	....	....	....	....	....	....	....	.11	5.18
Conway	White	....	T.	.24	.23	.03	....	....	.03	.63	.54	....	....	1.21	....	....	....	....	....	.31	.61	1.21	.71	....	....	....	....	.04	....	....	....	.11	5.90
Dunkley	White	....	....	.16	.32	.11	T.	....	....	.85	.18	.24	.02	.87	....	....	....	....	....	.10	.30	.18	.68	.05	....	....	....	....	....	....	....	T.	4.06
Calico Rock	White	....	....	.16	.32	.11	T.	....	....	.82	.62	1.83	.31	.83	.15	....	....	....	....	.06	.55	1.34	.40	.20	....	....	....	.09	....	....	....	....	8.49
Camden	Ouachita	....	.08	.36	.72	.13	....	....	....	.73	.73	1.37	.25	1.06	....	....	....	....	T.	.04	.30	.61	.88	....	....	....	....	....	....	....	.06	T.	7.40
Canter Point	Red	....	.55	.58	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	.70	1.07	1.01	.15	....	....	....	.03	.02	....	....	.01	6.33
Carendon	White	....	....	.32	.27	.22	.02	....	....	.69	.32	.25	.08	1.01	.11	....	....	....	....	.05	.70	1.07	1.01	.15	....	....	....	.03	.02	....	....	T.	5.42
Clinton	White	....	.18	.17	.22	....	....	....	....	.96	.76	.03	.52	.68	....	....	....	....	....	.22	.98	.20	.50	....	....	....	....	....	....	....	....	....	5.55
Conway	Arkansas	....	.21	.19	.28	....	....	....	....	1.22	.76	.21	.22	.61	....	....	....	....	....	.13	.58	.46	.68	....	....	....	....	....	....	....	....	.33	4.28
Corning	White	....	....	.13	.28	.34	....	....	....	.57	1.27	....	.06	.01	....	....	....	....	....	.20	.38	.33	.25	.12	....	....	.01	....	....	....	....	.28	5.49
Danville	Arkansas	....	....	.32	.23	....	....	....	....	1.08	.23	.58	.28	1.38	....	....	....	....	....	....	.28	.20	.58	.05	....	....	....	....	....	....	....	....	4.96
Dardanelle	Arkansas	....	....	.41	.12	....	....	....	....	1.05	.60	.46	.15	1.21	....	....	....	....	....	....	.20	.16	.60	....	....	....	....	....	....	....	....	....	4.17
Dodd City	White	....	....	.39	....	.10	....	....	....	.28	.50	....	1.86	....	....	....	....	....	.20	....	.10	.11	.63	....	....	....	....	....	....	....	....	....	....
Emmas	Arkansas	....	.15	.96	.84	.05	....	....	.05	.95	1.05	.55	.22	1.10	....	T	....	....	....	.30	.12	.50	.47	.25	....	....	T.	.40	....	....	T.	.50	8.46
Hutton	White	....	.23	.17	.11	....	....	....	....	.95	.79	.06	1.06	1.00	....	....	....	....	....	.87	....	.37	....	....	....	....	....	....	....	....	....	T.	5.61
Dorado	Ouachita	....	.08	.25	.94	.15	....	....	....	1.50	....	2.10	.23	.53	.30	....	....	....	....	.18	.60	1.00	.27	.04	....	....	....	.06	....	....	....	.05	8.28
England	Arkansas	....	.07	.35	.45	....	....	....	....	.54	1.87	.33	.10	.52	....	....	....	....	....	.35	.73	1.23	.95	.02	....	....	....	.04	....	....	....	.09	7.64
Eureka Springs	White	....	....	.17	.20	....	....	....	....	.50	.96	T.	1.02	.50	....	....	....	....	....	.65	....	.35	.80	....	....	....	....	....	....	....	....	T.	5.15
Evening Shade	White	....	....	.21	.25	.08	....	....	....	.58	.65	....	0.10	.85	....	....	....	....	....	.17	.20	.11	.55	....	....	....	....	....	....	....	....	.15	3.90
Fayetteville	White	....	.12	.17	.10	....	....	....	....	.03	.45	.12	.85	.43	....	....	....	....	.02	.42	....	.35	.81	....	....	....	....	....	....	....	....	....	3.87
Fort Smith	Arkansas	T.	.35	.04	.07	....	....	....	.01	....	.10	.62	1.40	....	....	....	....	....	.04	.60	.06	.39	.58	....	....	....	....	....	T.	....	T.	T.	4.26
Fulton	Red	....	.15	.60	.53	....	....	....	....	.23	1.55	1.84	.40	.94	....	....	....	....	T.	.12	.18	.68	.69	....	....	....	....	T.	....	T.	....	T.	7.91
Georgetown	White	....	....	.32	.20	.10	....	....	....	.45	.28	....	.12	.65	....	....	....	....	....	....	.12	.92	.60	....	1.00	.25	....	T.	....	....	....	.12	5.13
Grannis	Red	....	.46	.59	.12	....	....	....	....	.15	.88	.90	1.46	.65	....	....	....	....	....	.60	.04	1.21	1.42	....	....	....	....	T.	....	....	.04	.02	8.54
Gravette	Arkansas	....	.05	.15	.20	....	....	....	....	....	.90	T	.90	.46	....	....	....	....	T.	.42	....	.58	T	....	....	....	....	....	....	....	....	....	3.66
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Heber Springs	White	....	.18	.29	....	....	....	....	....	2.39	.26	.16	.64	.26	....	....	....	....	....	....	.47	.34	.27	.14	....	....	....	....	....	....	....	.12	5.52
Helena	Mississippi	....	....	.30	.24	46	....	....	....	.44	.06	.22	.06	.76	.46	....	....	....	....	.01	.18	.82	1.62	.42	....	....	....	.04	.02	....	....	.04	6.15
Higden	White	....	....	.36	.28	.24	....	....	....	.30	3.22	1.38	.54	1.00	....	....	....	....	....	.71	....	1.32	.58	....	....	....	.06	....	.02	T.	.02	....	5.73
Hope	Red	....	.67	.23	.43	....	....	....	....	.31	1.10	.69	17	.81	....	....	....	....	T.	.21	.22	.53	.57	T.	....	....	T.	T.	....	....	T.	.02	10.46
Hot Springs	Ouachita	....	.33	.36	.24	....	....	....	....	....	3.40	.35	....	1.00	....	....	....	....	....	.10	.40	.50	....	....	....	....	....	....	....	....	....	....	5.56
Huttig	Ouachita	....	.15	....	1.10	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	.15	.40	1.23	.60	.05	....	....	T.	....	....	....	.02	.07	7.10
Jonesboro	White	....	.06	.32	.20	T.	....	....	T.	1.42	1.59	.01	....	.93	....	....	....	....	....	.71	....	....	....	....	....	....	....	T.	....	....	....	.16	7.05
Junction	Ouachita	....	.24	....	1.38	....	....	....	....	1.72	1.09	T.	....	1.37	....	....	....	....	....	.53	.18	.90	.55	....	....	....	T.	.01	....	.17	.06	4.70	6.67
Lambrook	White	....	.38	....	.10	....	....	....	....	.34	.46	.74	.86	.42	....	....	....	....	T.	.73	.33	1.35	.34	....	....	....	.03	....	....	....	.02	6.10
Little Rock	Arkansas	....	.35	.03	.24	T.	....	....	.06	.23	.67	.22	.37	.13	....	....	....	....	T.	.53	.18	.90	.55	....	....	....	T.	.01	....	.17	.06	4.70	5.95
Lutherville	Arkansas	....	.27	.20	.13	....	....	....	....	2 23	.35	.32	.44	1.14	....	....	....	....	....	.36	.13	.12	.26	....	....	....	....	....	....	....	....	....	11.80
Magnolia	Red	1.1	.30	....	....	....	....	....	....	.90	2.50	1.30	....	.60	....	....	....	....	....	.50	1.80	.50	....	....	....	.60	1.70	....	....	....	....	....	5.45
Malvern	Ouachita	....	....	.60	.36	.05	....	....	....	.38	.51	1.00	.43	.65	....	....	....	....	....	.10	.70	.52	.55	.10	....	....	....	....	....	....	....	.05	5.94
Mammoth Spring	White	....	....	.16	.38	.09	....	....	....	.75	.24	....	.27	.69	....	....	....	....	....	.17	1.05	.10	.43	.07	....	....	....	....	....	....	....	.05	4.45
Marianna	Mississippi	....	.21	.07	.54	.04	....	....	.03	....	.33	.04	.06	.93	....	....	....	....	....	.19	.06	.61	.62	.03	....	....	....	.03	....	....	....	....	3.79
Marked Tree	Mississippi	....	....	.43	.15	.17	T.	....	....	.56	.54	.53	....	1.43	.08	....	....	....	....	.03	.29	1.46	.74	.05	....	....	.03	T.	....	....	....	.52	7.01
Marshall	White	....	.06	.12	.10	.25	....	....	....	1.07	.74	.04	.12	.64	....	....	....	....	T.	.08	.16	.10	.58	....	....	....	....	....	....	....	....	.02	4.08
Mena	Ouachita	....	.28	.53	....	....	....	....	....	.40	.08	1.25	1.47	....	....	....	....	....	.05	.36	.18	.10	....	....	....	....	....	....	....	....	....	.26	4.96
Morrilton	Arkansas	....	.15	.20	.22	....	....	....	....	1.43	.29	.34	.21	.81	....	....	....	....	....	....	.50	.32	.46	....	....	....	....	....	....	....	....	.05	4.98
Mountain Home	White	....	....	....	.30	.10	....	....	....	.36	.40	....	.16	.65	....	....	....	.28	....	....	.12	.13	.88	....	....	....	....	....	....	....	....	....	3.38
Mount Ida	Ouachita	....	.44	.38	.11	....	....	....	.30	.21	1.18	.80	1.22	....	....	....	....	....	.26	.75	.30	....	....	....	....	....	....	....	....	....	....	....	5.95
Murfreesboro	Ouachita	....	.27	.68	.10	.28	....	....	.27	....	.33	2.83	.43	1.32	....	....	.10	....	.11	.13	.66	.77	.18	....	....	....	....	....	....	....	.03	....	8.49
Nail	White	....	.20	.18	....	T.	....	....	....	.50	.80	....	.70	1.10	....	....	....	....	....	....	.50	.15	.85	.20	....	....	....	....	....	....	....	....	....	5.18
Newport	White	....	....	.90	.22	.12	....	....	....	1.05	.28	.98	....	.75	....	....	....	....	....	....	1.40	.30	1.24	.10	....	.15	....	.06	....	....	....	.10	7.65
Osceola	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	Arkansas	....	.41	.15	....	....	....	....	.34	.45	.05	.71	....	.95	....	....	....	....	T	.19	....	.16	....	.14	....	....	....	....	....	....	....	.28	4.05
Patterson	White	....	....	.32	.20	....	....	....	....	.35	.12	.11	....	.81	....	....	....	....	....	.10	.67	1.50	.65	....	....	....	....	....	....	....	....	....	5.11
Pindall	White	....	.07	.07	.24	.06	....	....	....	.22	.28	....	.10	.85	....	....	....	....	....	.22	.25	.08	.97	....	....	....	....	....	....	....	....	....	3.41
Pine Bluff	Arkansas	....	....	.85	.50	2	....	....	....	.7	.07	.72	.35	.57	.20	....	....	....	....	1.30	1.90	1.40	.25	....	....	....	T.	.10	....	....	T.	....	9 11
Pocahontas	White	....	.20	.30	.10	....	....	....	....	.65	.95	.05	.10	1.05	....	....	....	....	.30	.60	.13	.60	.15	....	....	.15	....	....	....	....	....	.20	5.53
Portland	Ouachita	....	....	....	1.43	.05	....	....	....	1.87	2 61	....	.20	1.00	....	....	.06	....	....	.73	1.87	.50	....	....	....	....	....	....	....	....	....	....	10.32
Prescott	Ouachita	....	.04	.91	.47	.01	....	....	....	.3	1.17	1.54	.68	.72	....	....	....	.02	.15	.57	.57	1.30	.34	....	....	....	.03	T.	....	....	T.	....	8.89
Princeton	Ouachita	....	....	.70	1.05	10	....	....	....	.20	1.30	2 30	.30	....	....	....	....	....	....	.50	2 00	1.08	.25	....	....	....	....	....	....	....	....	....	9.78
Rison	Ouachita	....	....	.81	.70	....	....	....	....	.75	1.00	.53	.19	.87	....	....	....	....	.20	.94	1.32	.91	.03	....	....	....	.05	....	....	....	....	....	8.30
Rogers	Arkansas	....	.05	.1	.18	....	....	....	....	.16	1.33	....	.83	.48	....	....	....	....	.28	....	.31	.31	....	....	....	....	....	....	....	....	....	T.	4.10
Searcy	White	....	T.	.10	.15	....	....	....	.50	....	.20	....	....	....	....	....	....	....	....	.30	.40	.60	....	....	....	T.	....	....	....	....	....	....	....
Snow Lake	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Springbank	Red	....	.16	.20	1.26	T.	....	....	....	2.00	.30	2 50	.28	.67	T.	....	....	....	T.	.16	.65	1.60	1.25	05	....	....	....	.05	T.	....	....	T.	11.13
Stuttgart	Arkansas	....	.05	.35	.58	.05	....	....	....	.62	1.00	.21	....	....	....	....	....	....	....	.42	.56	1.10	1.14	.08	....	....	.04	....	....	....	....	....	6.20
Subiaco	Arkansas	....	.29	.20	....	....	....	....	....	1.55	.50	.58	.70	.89	....	....	....	....	....	.28	....	.12	.22	....	....	....	....	....	....	....	....	....	5.33
Texarkana	Red	....	.17	.52	.72	....	....	....	....	.30	.53	2.30	.31	.72	....	....	....	....	....	.05	.22	.82	.63	.03	....	....	....	.05	....	....	....	....	....	7.37
Waldron	Arkansas	....	.65	....	....	....	....	....	....	.86	.90	1.12	1 00	1.83	....	....	....	....	.06	.20	.64	1.01	.15	....	....	....	....	....	....	....	....	....	8.42
Warren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whitecliffs	Red	....	....	.95	.45	....	....	....	....	....	1.00	1.35	.40	1.50	....	....	....	....	....	.30	T.	.64	1.30	T.	....	....	....	....	....	....	....	....	....	7.89
Wynne	Mississippi	....	....	.31	.18	.15	T.	....	....	.50	.10	.31	....	1.37	.11	....	....	....	....	T.	.61	.95	.95	.25	....	....	....	.01	.04	....	....	.91	6.75

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded * Included in next measurement. § Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for December, 1923.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.0	10.1	10.2	11.5	12.1	12.4	11.6	10.5	10.1	9.8	10.4	12.4	14.0	24.2	25.0	24.5	21.6	18.5	14.8	13.5	13.2	14.5	15.7	15.5	14.8	13.5	11.6	11.0	10.4	10.0	9.6
Dardanelle	do	20	6.9	7.8	8.0	8.4	9.3	9.8	9.9	9.6	9.5	9.2	8.6	8.9	13.4	20.0	21.9	22.0	21.7	19.4	16.6	14.6	12.7	12.7	14.4	15.4	14.3	13.6	12.8	11.4	10.0	9.4	8.7
Little Rock	do	23	5.6	5.6	6.6	6.8	7.0	7.9	8.8	9.1	8.6	9.2	9.6	9.3	9.5	16.6	20.1	21.5	21.8	21.1	19.5	17.8	15.8	14.0	13.7	15.5	15.8	15.0	14.2	13.0	11.4	10.0	8.9
Pine Bluff	do	25	9.6	9.6	9.9	10.6	10.8	11.1	12.1	12.7	12.9	12.8	13.3	13.4	13.3	14.8	20.4	22.4	23.6	24.0	23.5	22.2	20.8	19.1	18.2	18.3	19.4	19.3	18.7	17.8	16.6	15.	14.1
Black Rock	Black	14	3.4	3.4	3.3	3.4	3.5	3.5	3.4	3.4	4.0	4.5	6.0	6.5	7.0	9.7	9.5	9.0	8.7	8.5	8.3	7.0	8.4	9.0	9.8	10.	11.0	10.8	10.3	9.6	9.0	8.6	8.0
Calico Rock	White	18	2.1	2.2	2.9	2.8	3.4	3.4	3.1	3.1	3.1	3.1	3.7	4.2	5.0	9.6	10.3	9.1	9.1	7.3	5.9	5.3	4.9	5.0	6.3	7.8	8.1	8 1	7.3	6.2	5.	4.9	4.4
Batesville	do	23	7.0	8.1	8.0	8.7	8.7	9.0	8.9	8 8	11.8	9.5	10.8	10.3	11.6	13.8	17.4	16.7	16.9	15.2	13.0	11 8	11.5	11.1	12.2	13.3	14.5	14.9	14.5	13.1	11.9	11.1	10.6
Newport	do	26	4.0	4.2	4.3	4.5	4.7	4.7	4.9	4.7	5.5	9.8	10.9	10.0	10.2	10.8	15.1	17.5	17.7	17	16.9	15.6	15.6	14. 6	14 3	13.8	14 2	14. 5	16.9	16.9	16.5	14.4	13 5
Georgetown	do	22	5 3	5.8	6.2	6.6	6.8	7.2	7.6	8.0	8.1	11. 1	14. 0	15.5	15. 6	16. 2	17.4	18. 0	18 3	18. 4	18 6	18. 9	19 1	19.3	19.5	19.6	19. 6	19. 5	19. 4	19. 4	19 4	19.3	19.2
Clarendon	do	30	12.8	13.0	13.2	13.6	14.0	14. 4	14 9	15 3	15. 8	16. 1	17. 3	18. 7	20. 0	20. 8	21. 4	21. 9	22. 4	22. 8	23. 3	23. 8	24. 3	24. 9	25 4	25. 8	26. 6	26. 2	26. 2	26. 3	26. 3	26. 4	26. 4
Helena	Mississippi	42	6.6	6.7	7.1	8.0	9.3	10. 4	11. 0	11. 3	11. 5	12. 0	13. 2	15 0	17. 4	20	22. 3	24. 4	26 5	28. 4	30. 0	31. 2	32. 0	32 8	33. 4	33. 7	33. 9	34. 3	34. 6	35. 1	35 4	35. 7	35. 9
Arkansas City	do	48	10. 8	10. 7	10. 7	10 8	11. 9	13. 0	14. 3	15. 6	16. 6	17. 3	17. 8	18. 4	19. 6	21. 5	23. 5	27. 2	29. 7	32 4	34	3 36. 2	37. 0	37. 7	38. 3	38. 7	39. 1	39	39 6	40. 1	40 6	40. 8	41. 0
Camden	Ouachita	49	6.1	7.1	7.8	8.1	9.2	9.4	9.4	9.0	11. 3	11. 8	11. 8	15. 1	22. 6	25. 0	27. 0	28. 8	30. 0	30. 6	29	9. 28. 0	25. 9	24. 0	24. 4	25. 6	27. 3	28. 0	28. 0	27 3	25. 9	22. 7	20. 1
Danville	Petit Jean	20	3.6	3.4	3.9	4.1	6.9	6. 4	6.0	5. 4	6. 1	12. 1	15. 9	19. 0	21. 6	23. 1	23. 3	22. 1	20. 8	18. 0	14. 1	10. 4	10. 7	11. 6	16. 9	18. 4	16. 4	12. 6	11. 1	8. 6	7. 1	6. 5	6. 3
Fulton	Red	28	13. 8	14. 0	14. 3	14. 7	15. 2	16. 2	16. 7	16. 6	15. 7	15. 2	15. 5	17. 2	21. 3	24. 9	26. 9	28. 3	29. 6	30. 8	31. 4	31. 3	30. 7	30. 0	29. 0	29. 6	29. 3	28 9	28. 2	27. 0	25. 8	24. 2	22. 7
Arkadelphia	Ouachita	18	2. 3	2. 1	2 3	2. 8	3. 2	3. 7	2. 1	1. 7	2. 4	5. 5	8. 5	9. 8	10. 0	13 0	11. 8	7. 0	5. 3	4. 2	3. 5	3. 3	3. 3	4. 4	7. 6	8. 8	6 6	4. 9	4. 3	3. 8	3. 1	3. 0	2. 8
Patterson	Cache	9	6. 8	7. 0	7. 3	7. 5	7. 7	7. 8	8. 1	8. 2	8. 3	8. 3	8. 3	8. 3	8. 5	8. 6	8. 8	8 9	9. 4	9. 7	9. 8	9. 8	10. 0	10. 4	10. 5	10. 5	10. 5	10. 3	10. 0	9. 8	9. 5	9. 2	9. 2

Daily Temperatures for December, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	63	58	60	51	42	59	67	73	67	57	49	59	43	47	42	56	58	53	61	66	64	60	52	54	59	66	73	55	64	73	31	57.5
	Minimum	32	38	47	49	36	23	23	43	60	53	45	43	40	22	20	23	23	25	33	50	51	53	44	27	30	33	47	40	30	30	31	36.9
Bee Branch	Maximum	57	59	52	52	43	51	61	69	71	69	45	53	53	41	41	....	....	51	54	60	60	60	55	49	54	55	69	70	62	65	66	56.8
	Minimum	34	42	44	39	32	20	29	55	57	41	37	37	34	21	19	....	....	25	44	50	49	51	38	25	29	35	48	34	28	45	24	36.8
Bentonville	Maximum	62	54	52	48	43	57	66	70	69	49	53	55	43	48	45	55	55	49	51	64	60	47	46	50	51	61	70	57	64	58	23	54.0
	Minimum	45	42	46	35	31	28	42	53	48	38	38	43	26	21	27	23	30	34	45	46	47	40	32	28	32	44	37	31	36	23	9	35.5
Booneville	Maximum	70	70	54	51	51	62	69	79	74	67	46	55	44	40	45	52	57	56	58	63	59	58	62	72	70	71	69	67	71	73	70	61.5
	Minimum	47	49	48	42	36	31	47	63	60	44	42	42	37	22	25	29	32	40	44	48	52	43	47	49	50	49	47	49	50	40	17	42.6
Brinkley	Maximum	65	61	54	52	49	56	70	69	71	67	57	62	63	44	45	55	60	58	60	71	69	63	62	55	60	57	69	69	71	71	69	61.4
	Minimum	41	47	48	49	38	39	37	62	61	50	44	45	38	27	24	30	30	37	51	58	58	59	45	32	36	43	56	42	37	63	28	43.7
Calico Rock§§	Maximum	64	56	54	51	41	63	68	76	72	52	49	58	45	47	44	57	59	54	58	53	61	54	51	61	57	68	70	57	62	75	30	57.0
	Minimum	31	34	46	49	35	23	25	33	58	50	43	43	39	19	20	22	22	25	31	42	49	49	42	26	27	32	46	36	29	29	26	34.9
Camden§§	Maximum	63	54	53	54	52	61	70	74	77	67	52	65	49	48	45	53	59	62	64	65	67	63	50	57	63	64	70	69	76	73	48	60.9
	Minimum	31	43	48	49	39	25	27	43	60	61	43	44	47	29	27	28	35	37	45	52	57	57	46	31	28	29	54	54	47	57	48	42.6
Center Point	Maximum	57	56	52	52	52	60	70	79	76	69	51	60	61	47	47	56	57	55	53	58	60	60	52	58	60	63	71	68	75	69	66	60.3
	Minimum	45	49	48	44	38	28	40	61	60	50	41	44	40	24	26	29	33	43	48	52	54	51	42	31	30	48	59	46	44	62	26	43.1
Conway	Maximum	66	56	53	53	49	60	71	78	73	65	50	58	60	46	44	56	61	57	58	65	63	61	54	53	60	57	76	67	67	75	68	60.6
	Minimum	39	49	48	35	37	24	35	62	63	45	42	42	40	23	22	26	27	34	49	55	54	50	45	29	28	41	55	41	34	60	26	40.6
Corning	Maximum	61	56	55	51	42	54	65	75	70	65	46	59	59	41	40	55	58	56	56	63	62	61	56	54	54	54	75	68	63	71	68	58.5
	Minimum	32	44	47	40	34	26	38	57	59	42	38	42	31	19	20	23	24	29	48	54	55	53	42	26	32	33	50	35	29	52	24	38.0
Dardanelle	Maximum	62	62	63	53	47	60	69	77	74	70	57	54	54	50	47	52	54	55	61	62	64	63	53	54	56	62	77	70	68	64	58	60.4
	Minimum	34	38	47	46	37	28	39	60	57	42	43	43	40	26	28	26	30	38	42	50	48	46	43	30	32	46	46	42	40	38	23	39.6
Dodd City	Maximum	64	59	52	50	39	58	66	74	74	71	64	60	74	40	47	48	49	51	55	62	61	59	47	50	54	60	76	74	65	73	50	58.9
	Minimum	31	43	45	37	30	21	32	55	51	38	37	42	31	14	18	26	22	26	43	48	49	42	36	23	27	31	52	28	28	20	13	33.5
Dumas	Maximum	68	55	54	54	52	59	70	70	70	65	56	67	65	45	45	54	60	60	60	72	66	64	63	60	63	62	72	70	79	75	69	62.7
	Minimum	36	48	47	50	40	27	38	58	50	54	44	45	35	28	25	36	33	40	50	60	58	58	45	32	33	42	60	50	45	62	32	43.9
Dutton	Maximum	60	54	51	49	42	55	63	70	69	58	48	53	53	43	41	57	56	51	50	61	58	55	46	48	57	55	70	65	60	66	46	55.2
	Minimum	34	46	47	36	32	20	30	54	54	37	37	42	30	12	18	18	21	26	45	49	47	41	35	20	28	34	53	30	27	43	12	34.1
El Dorado	Maximum	64	60	51	51	51	59	68	67	66	66	66	60	52	45	48	52	50	63	63	61	62	62	60	45	63	62	65	65	66	72	70	59.8
	Minimum	40	45	48	49	40	28	40	62	60	60	44	50	40	29	27	37	37	45	52	56	57	58	40	33	40	48	60	57	54	58	35	46.1
England	Maximum	67	56	53	52	47	60	71	74	74	67	51	60	62	48	45	53	60	60	60	71	64	63	58	56	62	59	72	70	75	71	66	61.5
	Minimum	38	49	48	47	40	28	40	62	62	50	43	47	40	27	26	30	33	38	50	58	57	58	44	32	32	45	59	45	40	63	30	43.9
Eureka Springs	Maximum	65	57	55	49	45	58	62	73	72	64	43	56	53	51	45	58	59	54	53	68	57	55	49	52	56	63	73	66	66	64	37	57.4
	Minimum	42	41	43	37	32	28	42	59	62	37	36	39	28	17	23	25	29	34	43	49	49	40	32	27	32	40	56	28	36	36	10	36.5
Evening Shade	Maximum	63	61	59	51	43	61	67	77	72	66	66	56	58	64	44	59	62	62	58	64	65	62	55	55	59	54	76	73	61	72	67	61.7
	Minimum	30	35	42	41	34	23	34	40	60	43	40	40	35	18	17	21	22	22	45	55	49	53	40	25	26	30	53	35	27	37	20	35.2
Fayetteville	Maximum	61	56	50	50	44	57	65	70	73	69	44	53	53	45	46	52	55	54	50	63	59	57	46	48	49	67	70	67	65	65	34	56.0
	Minimum	44	42	45	39	32	26	43	52	53	38	37	43	31	18	24	22	26	32	44	44	49	40	33	28	29	34	43	34	33	34	9	35.5
Fort Smith	Maximum	63	56	53	50	47	58	71	76	74	61	47	51	45	45	43	54	54	48	56	64	60	56	52	51	55	64	74	55	72	65	32	56.5
	Minimum	44	45	46	42	36	30	40	61	56	45	41	43	33	26	30	30	34	41	45	50	54	44	38	34	34	48	45	39	39	32	16	40.0
Grannis	Maximum	67	58	57	50	50	59	68	70	70	74	74	74	74	71	74	74	54	57	57	55	57	57	57	58	58	65	67	65	72	73	72	64.1
	Minimum	42	46	45	41	41	26	28	39	39	45	39	42	36	21	24	24	34	40	44	48	50	44	44	29	29	45	57	41	40	56	17	38.6
Gravette	Maximum	61	54	51	50	45	58	67	70	67	59	44	53	50	49	46	53	57	49	50	64	58	48	48	51	52	62	70	58	70	63	32	55.0
	Minimum	40	40	42	39	32	21	33	52	42	38	36	42	29	14	21	21	23	28	44	40	40	40	32	23	26	37	48	26	31	31	9	32.9
Harrison	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope	Maximum	62	55	52	54	53	62	....	71	78	70	53	65	53	48	49	54	54	55	55	61	63	62	50	48	....	63	71	67	76	70	44	59.2
	Minimum	45	50	48	42	40	28	....	57	62	48	43	45	37	26	21	31	40	45	47	43	54	57	43	33	....	31	60	54	47	60	30	43.7
Hot Springs	Maximum	60	54	52	51	48	60	68	76	75	67	48	59	59	47	45	55	60	57	55	62	59	60	52	56	61	61	70	69	73	68	66	59.8
	Minimum	40	48	47	47	37	27	39	61	61	47	41	44	37	24	25	28	29	40	48	53	53	52	43	31	32	43	50	42	39	55	24	41.5
Huttig	Maximum	64	60	55	55	54	63	65	70	77	75	68	65	66	47	49	60	60	61	65	68	67	....	....	68	66	67	73	73	75	78	74	60.9
	Minimum	39	50	49	50	41	28	30	38	65	60	48	50	39	32	35	35	33	45	53	60	60	....	....	32	30	44	62	60	60	65	38	42.9
Jonesboro	Maximum	61	67	52	50	45	54	66	70	67	64	46	63	62	39	40	53	55	54	57	65	63	62	57	57	56	42	31	37	36	53	40	58.5
	Minimum	37	46	48	42	36	30	38	59	61	45	42	44	35	25	24	27	31	34	42	57	57	56	42	31	37	36	53	40	33	54	25	40.9
Junction	Maximum	60	56	57	54	56	58	70	74	72	64	68	67	64	47	51	60	63	67	69	78	66	63	62	58	61	66	72	76	76	78	75	64.8
	Minimum	48	51	50	48	37	25	44	63	62	56	57	56	47	27	25	33	45	54	55	61	54	50	47	29	25	41	57	63	65	66	37	47.7
Little Rock	Maximum	64	55	52	52	47	57	69	74	72	64	48	62	62	45	44	53	58	56	60	66	62	61	50	52	60	62	71	63	73	70	50	59.2
	Minimum	44	49	47	42	34	31	40	64	62	45	42	44	35	29	28	32	36	44	50	58	56	49	40	34	33	50	61	43	42	56	22	43.1
Lutherville	Maximum	59	56	53	51	46	56	67	75	74	67	45	52	55	45	45	54	57	53	53	60	60	56	52	50	59	58	72	68	65	73	60	57.9
	Minimum	41	49	47	46	35	28	38	57	60	42	39	39	35	23	25	30	34	41	46	52	52	45	39	28	33	48	53	38	45	53	21	40.7
Magnolia	Maximum	64	63	62	56	52	63	70	74	79	73	57	67	65	49	47	50	55	....	60	65	68	67	....	60	65	68	76	76	73	....	....	63.6
	Minimum	31	49	50	48	41	27	42	60	53	56	44	54	43	28	27	37	45	....	45	48	58	60	....	34	33	52	60	52	59	42	....	45.6
Malvern	Maximum	63	60	52	52	50	60	70	72	77	70	51	61	62	47	48	56	60	59	57	63	61	63	55	56	62	61	75	70	74	70	65	61.4
	Minimum	38	48	48	49	39	26	32	60	62	61	42	41	46	26	25	31	28	42	50	55	55	54	45	28	28	43	60	45	37	57	33	43.0
Mammoth Spring	Maximum	65	58	55	52	41	60	67	77	77	66	46	53	57	46	44	61	63	58	57	69	64	60	58	52	58	57	78	73	64	75	69	60.9
	Minimum	30	46	49	41	37	38	28	59	61	44	39	42	37	27	18	21	40	44	43	53	52	44	44	24	26	30	55	33	47	37	20	39.0
Marianna	Maximum	63	64	57	54	47	57	68	71	69	69	51	66	66	44	44	58	56	56	60	69	66	64	62	62	60	62	69	70	71	71	71	61.8
	Minimum	36	37	46	47	40	30	36	60	49	50	44	46	36	29	27	31	36	37	52	58	60	59	54	32	36	35	57	44	38	40	31	42.4
Marked Tree §§	Maximum	59	51	52	40	55	66	70	66	62	48	65	46	43	47	54	50	54	58	65	60	63	51	55	59	63	69	69	65	70	44	30	56.4
	Minimum	37	48	49	38	29	30	43	61	59	45	45	45	28	25	26	28	31	36	51	58	57	45	33	33	42	47	43	38	39	44	18	40.5
Marshall	Maximum	62	63	58	57	47	57	64	73	71	66	48	55	51	43	41	52	52	65	60	63	62	60	48	49	55	59	73	68	63	71	66	58.9
	Minimum	41	45	48	42	34	28	44	59	60	41	40	45	34	23	24	28	28	34	47	53	53	46	36	31	38	34	54	36	38	58	20	40.2
Mena	Maximum	62	55	52	49	46	59	67	75	72	65	45	60	55	45	46	54	57	51	51	57	58	56	57	52	52	63	66	65	70	68	52	57.5
	Minimum	41	48	48	45	35	29	48	59	59	58	40	44	39	23	24	25	31	40	45	51	51	51	43	30	30	44	61	40	39	52	17	41.6
Morrilton	Maximum	64	58	54	54	49	57	68	74	72	69	49	55	58	44	43	53	55	55	58	61	60	59	52	51	57	56	73	54	66	74	68	58.7
	Minimum	41	49	48	46	38	28	49	64	61	47	42	42	40	27	26	29	32	37	46	50	50	50	44	32	33	46	41	41	35	56	25	41.8
Mt. Home	Maximum	....	....	....	52	42	60	67	76	75	61	46	56	57	45	43	57	60	58	62	63	63	57	51	53	55	58	77	73	64	74	54	59.2
	Minimum	....	....	....	37	28	21	30	56	52	38	37	39	29	16	19	19	23	42	48	50	47	41	36	24	25	34	50	30	27	39	13	33.9
Mount Ida	Maximum	61	56	52	52	50	63	70	77	77	70	46	61	60	48	46	54	57	51	54	60	60	59	51	56	63	63	71	69	75	71	66	60.3
	Minimum	25	47	47	40	37	21	30	63	61	46	41	44	41	16	16	19	23	34	45	51	48	47	42	25	23	44	61	39	33	64	22	38.5
Nail	Maximum	50	55	48	47	46	55	59	69	66	62	52	50	52	40	39	54	55	56	54	54	57	53	54	55	56	57	60	61	62	60	41	54.2
	Minimum	37	40	45	33	29	30	34	39	55	32	32	34	28	27	20	30	35	34	39	38	40	39	39	40	40	41	40	40	41	40	11	35.5
Newport	Maximum	61	68	55	50	45	52	66	74	70	65	48	60	62	40	38	50	52	54	59	68	65	62	59	51	56	58	62	71	64	72	69	58.9
	Minimum	37	57	49	45	38	29	39	61	63	47	44	45	38	28	25	27	30	35	50	58	57	56	45	31	35	40	45	42	36	53	26	42.1
Ozark	Maximum	62	59	52	....	....	58	59	78	69	47	48	54	54	44	45	55	57	51	54	58	64	60	59	58	58	64	76	72	69	68	65	59.2
	Minimum	46	48	49	....	....	27	29	35	45	41	40	43	38	21	29	25	29	35	38	46	48	40	37	21	29	46	53	50	51	53	20	38.3
Pine Bluff	Maximum	67	55	57	53	49	63	72	72	72	65	50	62	64	56	44	57	69	60	61	73	64	62	58	64	66	63	70	68	79	72	68	63.1
	Minimum	37	49	47	47	40	27	30	63	60	50	42	46	30	29	29	33	35	42	49	59	53	58	42	32	34	42	61	46	39	65	30	43.4
Pocahontas	Maximum	59	57	56	50	42	57	65	74	69	65	45	58	58	44	42	59	60	51	55	63	63	60	56	55	57	74	74	68	63	70	69	59.4
	Minimum	34	45	48	42	35	27	35	60	60	45	41	43	35	22	22	26	27	34	48	55	54	54	43	27	32	34	68	37	30	47	26	39.9
Portland	Maximum	62	57	53	55	53	57	69	69	76	70	66	62	67	44	43	50	61	60	66	72	68	67	64	57	63	65	77	71	76	76	74	63.5
	Minimum	4	49	48	50	41	29	39	62	60	62	47	50	35	31	31	33	41	44	52	62	61	61	46	34	34	43	61	56	50	60	39	16.8
Prescott	Maximum	62	57	53	54	52	62	71	79	77	71	52	64	62	48	48	55	55	55	55	61	62	62	57	58	63	61	71	70	76	71	68	61.7
	Minimum	43	49	48	49	39	27	40	61	61	50	42	46	42	28	27	31	35	43	48	54	56	57	45	33	31	43	59	47	44	63	31	44.3
Rison	Maximum	67	67	52	53	52	60	70	70	75	72	54	61	68	51	44	53	57	57	61	68	65	63	61	57	63	63	70	69	75	73	69	62.5
	Minimum	45	48	47	49	38	28	40	61	60	52	42	45	40	28	26	34	33	41	50	58	57	58	45	31	33	45	59	49	40	63	32	44.5
Rogers	Maximum	63	56	54	49	40	60	68	72	71	62	44	55	50	48	50	55	55	49	52	66	58	56	48	51	52	63	70	59	65	60	36	56.0
	Minimum	38	42	45	39	32	23	35	58	49	39	37	42	30	16	21	21	24	28	42	45	46	41	33	27	29	46	50	29	29	36	11	34.9
Searcy	Maximum	63	65	57	52	51	57	65	72	72	73	58	55	61	50	45	51	59	48	58	68	67	65	62	56	58	60	67	71	65	75	67	61.1
	Minimum	28	40	40	39	30	25	25	55	54	45	35	42	32	20	20	23	25	41	42	50	48	50	38	22	25	34	45	35	35	45	25	35.6
Stuttgart	Maximum	65	57	58	53	48	57	69	71	70	65	51	58	63	44	43	52	59	60	61	71	64	62	60	56	60	58	70	69	74	69	67	60.6
	Minimum	40	49	48	48	39	27	37	61	61	51	43	44	37	25	28	30	30	35	50	59	57	56	44	32	32	43	57	43	38	60	31	43.1
Subiaco	Maximum	66	60	63	62	48	62	71	80	78	65	46	66	63	46	45	51	60	60	61	65	60	57	55	56	60	63	69	72	76	72	....	61.9
	Minimum	10	49	49	42	37	29	35	62	60	43	40	40	37	22	27	26	30	37	42	51	51	46	41	33	31	35	40	35	56	49	....	40.5
Texarkana	Maximum	63	53	53	53	53	63	72	80	78	75	68	65	63	52	51	55	55	55	57	61	65	65	55	55	68	68	72	68	76	72	68	63.1
	Minimum	30	49	50	43	39	29	11	62	62	63	43	48	43	26	28	33	34	45	48	52	52	60	45	32	31	55	62	52	49	64	28	44.8
Wynne	Maximum	66	57	54	52	40	55	68	70	68	65	49	66	61	46	54	53	58	53	60	69	64	63	59	55	59	55	68	68	67	70	65	60.1
	Minimum	45	40	47	45	39	26	38	59	62	47	45	44	36	26	28	26	28	35	51	60	59	59	40	29	30	40	55	42	35	59	27	42.0

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
ANAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVII. LITTLE ROCK, ARK., YEAR, 1923. NO. 13.

GENERAL SUMMARY.

The outstanding characteristics of the weather in Arkansas during 1923 were the positive precipitation departures, the unusually warm January and December, and the damaging freeze in March. Although monthly mean temperatures were above normal only four months during the year the annual mean, 61.6°, is 0.6° above the 30 year average. This was the third successive year with an annual mean above normal. Annual means ranged from 65.8° at Texarkana to 56.4° at Dutton and extremes from 109° at Booneville and Subiaco on August 4th to 2° at Nail on March 18th. Extremes occurred in all sections of the State about these dates, the March minima being the lowest on record for March at most stations. The average precipitation was 59.85 inches which is 11.92 inches above normal and is with but one exception the greatest annual precipitation total on record. Precipitation extremes ranged from 82.06 inches at Patterson to 43. 81 inches at Fort Smith. The heavier totals occurred in northeastern and northwestern counties, the lighter in the upper Arkansas Valley. It is interesting to note that the lighter totals are most often found in the upper Arkansas Valley, embracing Crawford, Sebastian, Franklin, Logan, and Johnson counties, due doubtless to the east-west range of mountains to the southward. May, with an average precipitation of 8.24 inches, was the wettest month of the year and November, with 3.34 inches, was the driest. The greatest monthly total was 14.26 inches measured at Hot Springs during May, the least, a trace at Mena during August. Of the stations reporting snowfall the average for the year was 9.0 inches, the greater part of which fell the latter part of November, 6 to 8 inches being measured in northwestern counties.

The warm weather with which the year 1922 closed continued through the month of January, 1923, this being with one exception the warmest January on record, but early in February a cold wave overspread the State and the temperature for the month as a whole was below normal, the first subnormal monthly temperature the State had experienced since March, 1922. Although for the State the monthly mean was slightly below normal several stations in the southern and a few in the northern and western counties showed positive departures.

The warm weather advanced fruit buds and vegetation beyond a normal stage and a severe cold wave in March did great damage to peaches, plums, pears, and all vegetation. This cold weather, together with the heavy precipitation in April, greatly damaged the strawberry crop. Heavy hail occurred at a number of stations during April. Marianna reporting hail stones over 7 inches in circumference and in the Dardanelle-Russellville section heavy damage was sustained. The spring months were characterized by frequent showers and excessive precipitation, resulting in freshets in the smaller streams and floods in all the rivers of the State in May and June. Heavy rain occurred in all sections on May 14th with over 9.00 inches at Hot Springs in less than 24 hours. The entire business section of the city from the junction of Park and Whittington avenues to the Citizens National Bank corner was swept by a torrent of water 4 to 9 feet deep and damage estimated at $1,500,000 was sustained. The showery weather of May continued past the middle of June and lowlands in the lower reaches of the White and Arkansas were under water for weeks. In those areas loss to prospective crops was large.

Rainfall was deficient during July and August, a condition favorable for cotton growing, but this dry spell came at a critical period for corn and early potatoes and damaged those crops. High day temperatures and abundant sunshine held boll weevil in check during August but a little later worms did serious damage, fields being stripped of leaves and fruit. August was followed by an unusually wet September and cotton deteriorated, bolls rotting and seed sprouting in the bolls. The temperature during the crop year, April 1st to October 31st, averaged 0.5° below normal and the precipitation more than 6.00 inches above normal. The first killing frost of autumn came during the last decade of October in most sections, but at this time all crops were matured and little damage was done. The growing season was approximately 215 days, about 20 days shorter than the average. There were 215 clear days during the year, 82 partly cloudy, 123 cloudy, and 102 with 0.01 inch or more precipitation. Sunshine averaged about 60% of the possible amount.

W. C. H.

WEATHER BY MONTHS.

January:— The weather during January was remarkably mild, the monthly mean temperature being nearly 8° above normal, with but one exception the warmest January experienced since state wide records have been kept. There were no low temperatures recorded at any station during the month, the lowest being 15° whereas most Januarys bring temperatures of zero or slightly lower with 10° to 15° below not unusual. Practically no rain fell during the first 13 days of the month, sunshine was abundant, and the weather more like spring than mid-winter. From the 19th to the close of the month rains were frequent and field work was halted on account of wet soil. For agricultural interests the month was favorable but vegetation and fruit advanced beyond a normal stage making the potential damage of a later freeze great.

February:— Unseasonably warm weather came to an end the 3d of February when a cold wave overspreading the State gave temperatures of 5° to 10° in the northern and 18° to 20° in the southern counties. The heavy rains continued into February resulting in moderately high water in most rivers of the State. Practically the entire monthly precipitation occurred during the first two weeks and from the 24th to the 27th of the month. There was snow during the first 5 days of the month, the heavier amounts, 7 to 8 inches, occurring in the southeastern counties. At the close of the month farm work was well advanced, oats were being sown, some truck and gardens planted, and the fruit bud development checked.

March:— The most disastrous weather of the year, so far as agricultural interests were concerned, occurred in this month. The month opened warm, temperatures being above normal for a few days but about the 13th cooler weather set in and by the 18th and 19th a severe cold wave had overspread the entire State, bringing the lowest March temperatures on record at many stations, 2° being recorded in northwestern, 10° to 14° in central, and 18° to 20° in the southern border counties. Apples had not advanced sufficiently for the crop to be seriously injured but most other fruit was damaged, the strawberry crop set back two weeks, and all growing crops delayed accord-

ingly. Heavy rains on the 15th and 16th caused flood stages on the White, Black, Cache, and Petit Jean. The Mississippi was high during most of the month, keeping much of the lowlands of the eastern counties under water.

April:— On the afternoon of the 4th heavy hail fell at a number of stations, and a disastrous hailstorm followed by heavy winds and rain occurred in the country surrounding Dardanelle and Russellville on the 28th. In this section the damage was estimated at $250,000, 1,500 acres of cotton having to be replanted. Precipitation occurred on an average 11 days during the month keeping the fields too wet to work.

May:— May was marked by a positive precipitation departure of 3.12 inches and a negative temperature of 2°. Temperatures were below normal 20 days during the month, only slightly above at any time with freezing temperatures and killing frost at several northern stations on the 9th. On the 14th excessive rains fell in all sections of the State bringing all the rivers to flood stages, seriously damaging the strawberry crop, and retarding all preparation for crops. More than 10 persons were injured by a tornado which passed through southern Sevier County the afternoon of the 14th. On this afternoon a tornado occurred in the west end of Little Rock which uprooted trees and demolished a number of building including the Forest Park school building.

June:— Heavy rains the 9th, 10th, and 11th brought the rivers to flood stages again, making the raising of a cotton crop in the lowlands of the eastern counties an impossibility. There were no marked temperature departures until the close of the month when temperatures 10° to 15° below the seasonal average were recorded throughout the State. A tornado occurred at Jonesboro the 27th which did damage estimated at $7,000 and a straight blow at Hoxie and Walnut Ridge on the 6th did damage estimated at $1,500.

July:— July was a month of normal temperature and practically normal precipitation. Little rain fell during the first 12 days of the month but thereafter showers were frequent. The weather was favorable for cotton but rather dry for corn in western and northern counties. Boll weevil were less numerous than at the same period in 1922 and the close of the month found fields clean and the crop growing and fruiting satisfactorily.

August:— The monthly mean temperature was 2.5° above normal during August, the precipitation 1.40 inches below. The number of days with 0.01 inch or more precipitation, 4, has been less in but one previous August. High day temperatures and abundant sunshine held boll weevil and worm activities in check early in the month but in the latter part of the month worms did serious damage in many fields. Earl corn was hurt by the dry weather but late corn was uninjured and all minor crops made satisfactory growth throughout the month.

September:— The weather during September was cool and the number of rainy days large. The average precipitation for September, 1923, was 5.56 inches which is 2.23 inches above normal, and with but three exceptions is the greatest September total on record. Precipitation was heaviest in western counties, Mena measuring 13.91 inches and others over 10 inches. From the 1st to the 8th and from the 13th to the 20th rain fell almost every day and cotton deteriorated, bolls rotting and seed sprouting in the bolls.

October:— The outstanding characteristics of the weather during October were the low temperatures and the heavy rains in the border counties. During the past 33 years but 3 Octobers have been cooler. Cloudy, rainy weather interfered with harvesting. Killing frost occurred at a number of stations the 22d and 23d and over most of the State the 31st.

Continued on page 53.

COMPARATIVE ANNUAL DATA FOR ARKANSAS.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
Means and Extremes	**61.0**		**116**	**--29**	**47.93**		**167**	**98**	**100**	**84**
1891	60.5	−0.5	108	6	44.49	− 3.44	180	94	91	94
1892	60.0	−1.0	106	−14	57.75	+ 9.82	159	98	109	98
1893	60.7	−0.3	103	−13	47.91	− 0.02	185	95	85	75
1894	61.3	+0.3	108	−22	49.05	+ 1.12	176	97	92	75
1895	59.8	+1.2	105	−17	44.69	− 3.24	167	92	106	83
1896	63.0	+2.0	112	4	38.02	− 9.91	171	97	98	79
1897	62.4	+1.4	111	− 2	46.52	− 1.41	178	96	91	76
1898	61.4	+0.4	108	− 4	56.83	+ 8.90	159	105	102	89
1899	60.6	−0.4	112	−25	41.49	− 6.44	170	105	90	76
1900	62.0	+1.0	108	− 5	49.03	+ 1.10	150	120	95	92
1901	61.1	+0.1	116	− 6	35.28	−12.65	175	111	79	65
1902	60.4	−0.6	108	− 2	51.70	+ 3.77	150	121	94	81
1903	59.3	−1.7	105	−12	44.62	− 3.31	162	107	96	84
1904	60.5	−0.5	105	− 5	43.45	− 4.48	169	112	85	78
1905	59.5	−1.5	106	−29	63.65	+15.72	146	107	112	103
1906	60.2	−0.8	101	− 7	56.97	+ 9.04	156	96	113	95
1907	61.7	+0.7	113	− 8	49.71	+ 1.78	163	91	111	86
1908	62.1	+1.1	103	0	48.88	+ 0.95	158	100	108	92
1909	62.1	+1.1	111	−19	44.05	− 3.88	173	93	96	83
1910	61.0	0.0	105	−13	45.21	− 2.72	172	109	84	84
1911	62.9	+1.9	107	− 9	49.53	+ 1.60	152	117	96	95
1912	59.8	−1.2	106	−16	45.83	− 2.10	171	110	85	81
1913	61.6	+0.6	108	− 1	54.01	+ 6.08	158	107	100	89
1914	61.4	+0.4	110	−11	42.85	− 5.08	149	109	107	82
1915	60.6	−0.4	107	− 3	53.08	+ 5.15	163	81	121	82
1916	61.9	+0.9	107	−16	42.18	− 5.75	191	76	99	75
1917	59.2	−1.8	106	−21	40.72	− 7.21	187	74	104	75
1918	61.4	+0.4	115	−23	44.64	− 3.29	174	76	115	75
1919	61.6	+0.6	113	−10	54.52	+ 6.59	166	75	124	91
1920	60.7	−0.3	105	− 2	54.28	+ 6.35	174	74	118	90
1921	64.2	+3.2	107	− 3	47.46	− 0.47	178	85	102	83
1922	62.7	+1.7	111	7	46.50	− 1.43	170	83	112	87
1923	61.6	+0.6	109	2	59.85	+11.92	160	82	123	102

KILLING FROSTS, 1923.

Stations.	Last in spring.	First in autumn.	Length growing season.	Stations.	Last in spring.	First in autumn.	Length growing season.
Amity	Apr. 1	....	....	Jonesboro	Mar. 31	Oct. 22	205
Arkadelphia	Apr. 6	Oct. 22	199	Junction	†Apr. 1	Oct. 22	204
Arkansas City	Apr. 1	Nov. 7	220	Lambrook	....	Oct. 22	....
Arlberg	Mar. 24	Oct. 23	213	Little Rock	Apr. 1	Nov. 30	243
Batesville	†Apr. 1	Oct. 22	204	Lutherville	Apr. 1	Oct. 31	213
Bee Branch	May 9	Oct. 22	166	Magnolia	†Mar. 20	Nov. 6	231
Bentonville	Apr. 9	Oct. 21	195	Malvern	†Apr. 1	Oct. 23	205
Black Rock	†Mar. 31	Oct. 31	214	Mammoth Spring	†Mar. 31	Oct. 22	205
Booneville	†Mar. 31	Oct. 23	206	Marianna	Mar. 20	Oct. 23	217
Brinkley	†Apr. 1	Oct. 23	205	Marked Tree	†Mar. 31	Nov. 7	221
Calico Rock	†Apr. 1	Oct. 22	204	Marshall	†Apr. 1	Oct. 22	204
Camden	†Apr. 8	Oct. 22	197	Mena	†Apr. 1	Nov. 30	243
Centerpoint	Apr. 4	Oct. 23	205	Morrillton	†Apr. 1	Oct. 31	213
Clarendon	Apr. 1	Oct. 20	202	Mountain Home	Apr. 9	Oct 21	195
Clinton	Mar. 24	Oct. 22	212	Mount Ida	†Apr. 1	*Oct. 22	204
Conway	†Apr. 1	Nov. 7	220	Murfreesboro	Mar. 31	.....	....
Corning	†Apr. 1	Oct. 22	204	Nail	†Apr. 1	Oct. 21	203
Dam No. 1	Mar. 29	.....	....	Newport	†Apr. 1	*Oct. 31	213
Danville	Mar. 31	Oct. 22	205	Okay	†Apr. 2	.....	....
Dardanelle	†Mar. 30	Oct. 23	207	Osceola	†Apr. 1	Oct. 31	213
Dodd City	†Apr. 1	Oct. 22	204	Ozark	†Apr. 2	Oct. 30	211
Dumas	†Apr. 1	Oct. 23	205	Patterson	Mar. 31	Oct. 20	203
Dutton	†Apr. 9	Oct. 20	194	Pindal	Mar. 31	Oct. 21	204
El Dorado	Mar. 20	*Nov. 29	213	Pine Bluff	†Apr. 1	*Nov. 29	242
England	†Apr. 1	Oct. 22	204	Pocahontas	†Apr. 1	Oct. 31	213
Eureka Springs	†Apr. 8	Oct. 22	197	Portland	†Apr. 1	Oct. 25	207
Evening Shade	Apr. 6	Oct. 22	199	Prescott	†Apr. 1	*Oct. 24	206
Fayetteville	†Apr. 8	Oct. 22	197	Princeton	Mar. 31	Oct. 19	202
Fort Smith	Mar. 31	Nov 29	213	Rison	†Apr. 1	*Oct. 23	205
Fulton	Mar. 31	Oct. 22	205	Rogers	†Apr. 1	Oct. 21	203
Georgetown	Apr. 1	Oct. 22	204	Searcy	.....	Oct. 31	....
Grannis	†Apr. 1	Oct. 22	204	Snow Lake	.....	Oct. 22	....
Gravette	May 9	Oct. 22	166	Springbank	Mar. 19	Oct. 23	227
Harrison	Apr. 8	Oct. 22	197	Stuttgart	†Apr. 1	Oct. 23	205
Heber Springs	Mar. 31	Oct. 18	201	Subiaco	†Apr. 1	Oct. 23	205
Helena	Apr. 1	Oct. 20	202	Texarkana	†Mar. 31	Oct. 21	204
Higden	Mar. 31	Oct. 23	206	Waldron	†Apr. 1	Oct. 22	204
Hope	†Apr. 1	Oct. 24	206	Warren	†Apr. 1	*Oct. 20	202
Hot Springs	†Apr. 1	Oct. 24	206	Whitecliffs	Mar. 21	Oct. 21	214
Huttig	Mar. 24	Nov. 7	228	Wynne	†Apr. 1	Oct. 22	204

†No killing frost recorded; last freezing temperature in spring.
*No killing frost recorded; first freezing temperature in autumn.

Climatological Data for Year, 1923.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit.						Precipitation, inches.							Number of days.				Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for year.	Greatest monthly amount.	Month.	Least monthly amount.	Month.	Total snowfall, unmelted.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
Amity	Clark	250	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkadelphia	Clark	250	.....	.....	.....	.....	.....	.....	27	54.97	7.80	May	1.33	Oct.	2.0	78	123	9	233	n.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	39	63.25	10.24	Apr.	2.33	Aug.	6.0	125	145	66	154	n.
Arlberg	Stone	700	.....	.....	.....	.....	.....	.....	1	58.65	11.95	May	2.50	July	0	89	159[i]	72[i]	125[i]	.....
Batesville	Independence	277	17	.....	.....	.....	10	Mar. 19	24	61.97	11.09	May	2.60	July	T.	113	156[a]	45[a]	163[a]	nw.
Bee Branch	Van Buren	250	30	59.6	103	July 12	6	Mar. 19	31	65.11	11.70	May	2.25	July	T.	103	149[d]	75[d]	137[d]	sw.
Bentonville	Benton	1303	18	58.2	104	Aug. 14	4	Mar. 19	18	50.52	9.20	May	0.71	Aug.	8.6	119	153	88	124	s.
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	21	63.55	9.30	May	2.98	July	0	110	184	20	161	.....
Booneville	Logan	465	9	62.5	109	Aug. 4	10	Mar. 19	9	49.68	10.73	May	1.06	July	1.0	110	188	66	111	s.
Brinkley	Monroe	205	36	63.3	102	Aug. 17	14	Mar. 19	36	74.91	9.57	Apr.	2.77	July	4.8	109	170	64	131	s.
Calico Rock	Izard	361	9	59.7	106	Aug. 4	9	Mar. 19	19	46.23	8.65	May	1.67	July	T.	118	138	128	99	sw.
Camden	Ouachita	158	34	62.5	103	Aug. 17	18	Mar. 20	38	48.84	7.30	Apr.	2.37	Oct.	1.0	121	156	72	137	n.
Center Point	Howard	470	23	.....	102	Aug. 4†	14	Mar. 19	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	se.
Clarendon	Monroe	200	.....	.....	.....	.....	.....	.....	19	69.71	8.68	Apr.	3.16	Nov.	4.5	134	122	71	172	s.
Clinton	Van Buren	516	.....	.....	.....	.....	.....	.....	2	53.65	10.38	May	0.96	July	T.	96	181	89	95	w.
Conway	Franklin	309	39	62.3	99	Aug. 13†	14	Mar. 19	40	60.98	11.36	May	1.40	Aug.	1.5	101	178	97	90	s.
Corning	Clay	293	23	59.6	100	July 24†	9	Mar. 19	30	58.49	9.20	May	2.50	Aug.	T.	106	174	82	109	s.
Danville	Yell	327	.....	.....	.....	.....	.....	.....	8	60.05	9.81	May	2.91	Aug.	T.	86	193	1	173	s.
Dardanelle	Yell	330	14	62.8	102	Aug. 15	12	Mar. 19	37	56.25	8.72	May	1.87	Aug.	0.4	89	191	7	167	s.
Dodd City	Marion	1175	40	57.4	101	Aug. 4	4	Mar. 19	41	48.76	8.16	May	1.44	Nov.	1.0	87	137[c]	132[c]	93[c]	s.
Dumas	Desha	162	14	63.5	100	Aug. 17	18	Feb. 4†	17	61.10	8.46	Dec.	1.42	Aug.	7.5	140	90[a]	170[a]	104[a]	s.
Dutton	Madison	1590	20	56.4	102	Aug. 14†	4	Feb. 19	20	65.03	10.62	Sept.	1.66	Aug.	1.5	113	164[e]	108[e]	88[e]	s.
El Dorado	Union	270	19	.....	.....	.....	.....	.....	22	59.32	9.75	Apr.	2.36	July	5.5	.....	.....	.....	.....	sw.
England	Lonoke	229	16	63.1	99	July 21†	16	Mar. 19	16	65.70	10.06	Apr.	1.83	Oct.	T.	109	146[i]	81[i]	121[i]	s.
Eureka Springs	Carrroll	1465	22	59.6	105	Aug. 14†	4	Mar. 19	23	53.09	8.23	May	0.28	Aug.	3.0	90	137	150	78	sw.
Evening Shade	Sharp	.....	1	.....	100	Aug. 5†	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s.
Fayetteville	Washington	1451	36	59.7	105	Aug. 14	4	Mar. 19	36	46.28	7.62	May	1.62	Aug.	10.5	.....	.....	.....	.....	ne.
Fort Smith	Sebastian	481	41	62.0	107	Aug. 4	10	Mar. 19	41	43.81	8.87	May	0.29	Aug.	1.3	120	120	108	137	e.
Fulton	Hempstead	260	.....	.....	.....	.....	.....	.....	37	59.01	11.16	Sept	0.99	Aug.	T.	87	130	90	145	.....
Georgetown	White	200	.....	.....	.....	.....	.....	.....	10	75.46	10.90	June	1.91	Aug.	3.0	108	181[a]	26[a]	157[a]	s.
Grannnis	Polk	900	5	61.6	102	Aug. 2†	10	Mar. 18†	5	73.69	9.56	Sept.	2.63	Oct.	4.4	125	234	57	74	e.
Gravette	Benton	1250	26	57.9	105	Aug. 14	5	Mar. 19	26	49.55	7.26	May	0.18	Aug.	9.0	88	162[a]	82[a]	120[a]	sw.
Hardy	Sharp	643	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrison	Boone	1100	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Heber Springs	Cleburne	485	.. .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helena	Phillips	193	.....	.....	.....	.....	.....	.....	51	68.49	9.88	Apr.	1.72	Aug.	4.0	135	167	15	183	.....
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	5	60.92	9.78	May	2.36	July	T.	104	195	92	78	sw.
Hope	Hempstead	377	43	64.8	105	July 24	17	Mar. 19	52	68.84	11.89	Sept.	0.86	Aug.	4.0	105	184[f]	42[r]	121[r]	s.
Hot Springs	Garland	600	29	62.0	101	Aug. 15	13	Mar. 19	32	68.05	14.26	May	1.30	Aug.	T.	125	168	77	120	.....
Huttig	Union	175	16	.....	102	July 25	19	Feb. 4	16	58.53	8.55	May	1.80	Aug.	3.0	.....	.....	.....	.....	se.
Jonesboro	Craighead	345	26	61.4	103	Aug. 13	11	Mar. 19	28	59.18	7.05	Dec.	2.32	July	0.4	127	194	76	95	sw.
Junction ††	Union	182	29	.....	105	July 14	19	Feb. 5	29	. .	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.
LITTLE ROCK	Pulaski	399	44	62.4	98	Aug. 17	14	Mar. 19	44	61.46	10.50	May	1.00	Oct.	3.1	122	126	95	144	s.
Lutherville ††	Johnson	775	26	60.8	101	Aug. 13†	9	Mar. 19	24	52.12	7.83	May	0.86	Aug.	1.0	109	196	66	103	e.
Magnolia	Columbia	315	5	.....	.....	.....	.....	.....	5	54.23	11.80	Dec.	1.80	Nov.	2.2	89	.....	.....	.....	ne.
Malvern	Hot Springs	277	36	.....	105	Aug. 17	16	Mar. 19	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	ne.
Mammoth Spring	Fulton	512	18	.....	.....	.....	.....	.....	18	52.66	7.75	May	2.01	Nov.	0.5	114	.....	.....	.....	s.
Marianna	Lee	235	15	62.9	98	Aug. 17	16	Mar. 19	11	58.09	9.21	Apr.	2.60	Nov.	5.5	121	135	122	108	s.
Marked Tree	Poinsett	229	7	60.8	99	Aug. 12	11	Feb. 3	18	77.33	9.66	Sept.	3.52	Nov.	1.0	126	181	97	87	n.
Marshall	Searcy	1083	9	60.5	100	Aug. 8†	7	Mar. 19	9	54.56	12.14	June	2.28	Feb.	2.0	110	152	133	80	s.
Mena	Polk	1185	37	61.8	104	Aug. 4	10	Mar. 19	35	66.77	13.91	Sept.	T.	Aug.	0.4	117	183	87	95	se.
Morrillton	Conway	347	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s.
Mountain Home	Baxter	800	10	58.2	103	Aug. 16	4	Mar. 19	9	.....	.....	.....	.....	.....	1.0	.....	199[u]	28[u]	117[u]	w.
Mount Ida	Montgomery	730	9	.....	104	Aug. 16†	12	Feb. 19	24	59.72	9.70	May	1.06	Aug.	T.	88	162[a]	78[a]	124[a]	sw.
Murfreesboro	Pike	367	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nail	Newton	2233	27	56 9	98	Aug. 15	2	Mar. 18	27	56.78	8.87	May	2.23	Aug.	5.0	95	151	99	115	s.
Newport	Jackson	231	36	62.6	102	Aug. 13	12	Mar. 19	39	60.64	8.92	May	2.88	Aug.	T.	117	159	97	109	nw.
Okay	Pope	1700	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Osceola	Mississippi	240	23	62.2	100	Aug. 17	13	Feb. 13	25	64.49	8.28	Sept.	2.29	Aug.	1.0	93	189	57	119	s.
Ozark	Franklin	450	27	61.7	106	Aug. 14	11	Mar. 19	27	49.30	7.99	May	0.78	Aug.	0.8	87	139°	77°	134°	se.
Patterson	Woodruff	196	.....	.....	.....	.....	.....	.....	7	82.06	11.48	June	3.41	Dec.	0.5	86	204	0	161	s.
Pindall	Searcy	1500	.....	.....	.....	.....	.....	.....	2	52.03	7.52	May	1.96	Feb.	1.0	108	139	89	137	se.
Pine Bluff	Jefferson	215	36	63.9	102	Aug. 17	17	Mar. 19	36	64.18	9.13	Apr.	2.04	Aug.	3.0	121	177	39	149	ne.
Pocahontas	Randolph	389	29	61.1	99	July 8†	10	Mar. 19	29	63.29	9.79	May	3.10	Feb.	0	110	128	118	119	s.
Portland	Ashly	122	17	64.7	100	July 25	19	Feb. 4	17	58.72	10.32	Dec.	1.94	July	3.5	103	146	95	124	sw.
Prescott	Nevada	329	34	64.2	103	Aug. 17	16	Mar. 19	35	62.98	8.89	Dec.	1.53	Oct.	6.5	130	199	55	111	w.
Princeton	Dallas	287	.....	.....	.....	.....	.....	.....	17	56.68	9.78	Dec.	0.95	Oct	0	62	215	15	135	.....
Rison	Cleveland	243	16	63.8	101	Aug. 17	16	Feb. 4	22	62.00	8.30	Dec.	1.72	Aug.	0	77	138[a]	105[a]	120[a]	sw.
Rogers	Benton	1385	33	58.4	106	Aug. 14	5	Mar. 19	32	48.46	7.61	May	1.68	July	7.0	93	163	80	122	s.
Searcy	White	226	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Snow Lake	Arkansas	.....	1	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springbank ††	Miller	240	.....	.....	.....	.....	.....	.....	16	59.53	11.13	Dec.	1.69	Aug.	2.5	96	180	49	136	.....
Stuttgart	Arkansas	228	36	62.6	99	Aug. 15†	15	Mar. 19	36	62.27	8.55	Apr.	2.58	Oct.	5.0	107	168	107	90	sw.
Subiaco	Logan	1050	26	63.3	109	Aug. 4†	12	Feb. 19	26	50.89	7.36	May	1.36	Aug.	T.	89	203[h]	70[b]	90[b]	s.
Texarkana	Miller	332	38	65.8	105	July 25	18	Mar. 19	37	60.62	9.71	Jan.	2.25	Nov.	3.5	103	152[a]	72[a]	140[a]	n.
Umphers ††	Yell	2000	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waldron	Scott	675	.....	.....	.....	.....	.....	.....	5	64.42	11.17	May	0.94	Aug.	2.0	110	107	73	185	nw.
Warren	Bradley	206	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitecliffs	Little River	.....	.....	.....	.....	.....	.....	.....	19	62.80	9 15	Jan.	0.65	Nov.	T.	67	157	46	162	ne.
Wynne	Cross	250	17	62.3	100	Aug. 13†	14	Mar. 19	17	74.97	10.99	June	1.72	Aug.	3.0	120	136	69	160	s.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record: but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. †† Received too late to be included in means and summaries. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † also on other dates. ‡‡ Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R. F. D. No. 2, Lamar, Ark. Springbank, Doddridge, Ark.; Umphers, Rover, Ark.

Monthly and Annual Mean Temperatures for the Year 1923, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Amity	50.6[j]	+ 7.3	43.8	+ 1.0	49.7	− 4.6	62.0[a]	− 0.1	.....	.....	.....	.....	.....	.....	81.8	+ 2.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Batesville	43.8	+ 5.1	38.2	− 1.9	45.4	− 6.7	59.0[e]	− 0.4	65.3	+ 2.5	75.8	− 0.1	78.8	− 1.0	.....	.....	71.7[a]	− 0.7	57.4	− 4.1	48 2	− 2.2	47.2	+ 6 9	.....	.....
Bee Branch	45.1	+ 3.8	39.2	− 2.2	46.9	− 5.2	60.4[a]	− 0.5	66.4[e]	− 2.0	76.0	− 0.3	80.2[e]	+ 0.3	79.5	+ 0.3	71.0	+ 3.2	56.6	− 5.6	47.3	− 4.3	46.8[b]	+ 4.4	59.6	− 1.2
Bentonville	45.4	+11.3	35.8	− 2.7	44.4	− 2.9	57.4	+ 0.5	63.6	− 2.8	73.9	− 0.2	78.4	− 0.1	80.7	+ 4.2	70.8	+ 1.9	54.8	− 3.2	48.0	+ 1.3	44.8	+ 7.3	58.2	+ 1.2
Booneville	50.2	.....	40.8	.....	48.0	.....	61.0	.....	65.4	.....	76.6	.....	81.7	.....	85.4	.....	74.8	.....	60.4	.....	53.8	.....	52.0	.....	62.5	.....
Brinkley	50.7	+ 8.5	43.0	+ 0.7	51.8	− 1.2	62.8	+ 1.1	68.8	− 1.0	78.2	+ 0.7	81.6	+ 1.4	82.2	+ 2.4	74.2	+ 0.1	61.4	− 0.6	52.8	+ 0.8	52.6	+ 9.3	63.3	+ 1.8
Calico Rock	44.4	.....	38.2	.....	46.0	....	59.4[c]	.....	65.1	.....	76.2[a]	.....	79.9	.....	82.6[b]	.....	72.4	.....	58.0[a]	.....	48.0	.....	46.0	.....	59.7	.....
Camden	48.6	+ 3.5	43.7	− 2.9	51.0	− 4.7	61.6	− 2.0	68.8	− 2.4	77.7	− 0.4	79.5	− 1.5	81.8	+ 1.5	73.2	− 1.9	61.2	− 2.4	50.9	− 2.5	51.8	+ 6.4	62.5	− 0.8
Centerpoint	.....	.....	46.0[j]	+ 0.2	50.7[g]	− 6.1	62.2	− 0.8	68.4	− 2.9	77.0	− 1.8	80.4	− 1.5	83.0	+ 0.1	73.4	− 3.3	62 2	− 3.3	52.3	− 2.6	51.7	+ 6.9	.....	.....
Conway	48.0	+ 7.4	41.8	− 0.7	49.8	− 2.8	61.8	− 0.2	68.0	− 1.5	77.4	+ 0.3	79.8	− 0.9	84.3	+ 4.5	74.9	+ 1.1	59.9	− 1.3	51.4	+ 0.8	50.6	+ 8.4	62.3	+ 1.3
Corning	45.5	+ 8.4	38 0	+ 1.0	47.5	− 2.7	59.3	− 0.1	65.1	− 3.3	75.7	+ 0.4	79.2	+ 0.4	80.2	+ 2.1	71.4	− 0.7	56 2	− 2.9	49.1	− 1.7	48.2	+ 7.2	59.6	+ 0.7
Dardanelle	48.8	+ 8.9	42.5	− 0.3	49.4	− 2.7	63.0[e]	+ 2.1	67.0	− 2.5	78.4	+ 1.3	80.9	0.0	82.8	+ 3.3	78.3	+ 4.0	61.1	− 1.4	51.5	− 0.5	50 0	+ 9.7	62.8	+ 1.8
Dodd City	44.3	+ 8.2	35.6	− 2.7	45.2	− 3.9	57.7	− 2.1	63.2	− 4.1	73.2	− 2.4	75.6	− 3.7	77.8	0.0	68.8	− 2.9	53.4	− 6.4	47.6[e]	− 0.7	46.2	+ 7.3	57.4	− 1.1
Dumas	51.2	+ 7.9	44.9	0.0	53.4	− 3.6	63.3	+ 2.0	68.8	− 2.6	77.4	− 0.6	80.1	− 1.1	81.2	+ 0.4	74.4	− 0.2	61.3	− 3.9	52.2	− 1.2	53.3	+ 7 7	63.5	+ 0.4
Dutton	43.4	+ 6.8	36.2	− 0.6	44.0[a]	− 3.7	56.2	+ 0.1	62.2	− 2.1	72.0	+ 0.6	75.0	− 0.1	77.6	+ 2.7	66.6	− 1.8	53.2	− 5.6	45.4	− 2.6	44.6	+ 7.2	56.4	+ 0.1
El Dorado	51.4	+ 5.0	47.4	− 1.3	54.2	− 1.7	64.9	+ 1.4	70.4	− 0.5	79.2	+ 0.3	.....	.....	82.8	+ 1.9	75.4	− 1.2	63.4	− 1.2	50 8	− 4.3	53.0	− 7.6	.....	.....
England	50.3[b]	+ 5.5	43.9[b]	− 1.1	51.7[b]	− 2.9	62.5	− 0.1	67.6[d]	− 2.2	78.5[a]	+ 0.7	80.2[a]	− 1.3	81.2[a]	+ 1.2	74.4	+ 2.5	61.2	− 1.1	53.0	− 0.8	52.7	+10.4	63.1	+ 0.5
Eureka Springs	47.5	+ 9.2	37.2	− 1.8	46.4	− 4.0	58.9	+ 0.4	64.8	− 2.1	74.6	+ 0.9	78.8	+ 1.0	82.7	+ 5.0	71.8	− 0.1	55.9	− 3.9	50.0	− 0.9	47.0	+ 8.4	59.6	+ 1.0
Evening Shade	.....	.....	46.7[d]	.....	59.4[c]	.....	.....	.....	65.6[j]	.....	75.2[b]	.....	78.4[b]	.....	79.8[b]	.....	71.1	.....	57.6	.....	49.2	.....	48.4	.....	.....	.....
Fayetteville	47.2	+ 9.9	38.4	+ 1.4	47.9	− 1.3	61.0	+ 2.3	64.4	− 2.0	74.8[a]	+ 0.7	79.0	+ 1.3	83.0	+ 5.8	70.4	− 1.9	56.4	− 4.1	48.6	− 1.2	45.8	+ 6.4	59.7	+ 1.4
Fort Smith	48.8	+10.5	40.6	− 1.2	48.7	− 2.6	61.8	+ 0.1	66.8	− 2.9	77.9	+ 1.1	82.4	+ 1.4	84.6	+ 5.2	73.9	+ 1.1	59.8	− 1.9	51.1	+ 1.2	48.2	+ 6.5	62.0	+ 1.5
Grannis	49.2	.....	42.3	.....	48.0	.....	61.0	.....	65.9	.....	74.6	.....	78.4	.....	79.8	.....	76.1	. . .	59.5	.....	52.7	.....	51.4	.....	61.6	.....
Gravette	44.9	+ 7.7	35.7	− 1.0	44.9	− 4.5	57.2	+ 0.4	62.6	− 3.0	73.4	0.0	77.2	0.0	81.4	+ 4.2	71.0	+ 0.1	55.2	− 4.2	47.2	− 2.2	44.0	+ 6.8	57.9	+ 0.4
Harrison	.....	.....	.....	.....	.....	.....	57.7[j]	.....	.....	.....	.....	.....	79.5	.....	83.2	.....	73.4	.....	54.7	.....	50.8	.....	.....	.....	.....	.....
Hope	52.7[a]	+ 8.6	48.2[b]	+ 1.0	53.0[a]	+ 2.2	64.4	+ 0.7	70.1	− 1.1	79.1	+ 1.5	82.6[a]	+ 2.3	83.6	+ 4.1	74.5[f]	+ 0.4	64.0[b]	+ 1.1	54.1	+ 0.7	51.4[b]	+ 4.8	64.8	+ 1.8
Hot Springs	49.2	+ 6.0	41.6[e]	− 4.5	50.2[b]	− 3.0	63.1	+ 0.1	67.6[a]	− 2.0	77.0	− 0.1	79.0	− 2.1	81.4	+ 1.9	72.7	− 2.3	60.5	− 3.2	51.6	− 1.0	50.6	+ 6.2	62.0	− 0.3
Huttig	52.4[b]	+ 3.6	48.2	− 1.3	56.4	− 0 7	.....	.....	71.8	+ 0.2	79.8	+ 0.7	81.7	− 0.1	83.4	+ 2.6	75.8	− 0.7	63.6	− 1.0	54.1[e]	− 1.0	51.9	+ 5.8	.....	.....
Jonesboro	47.4	+ 6.4	39.8	− 0.6	49 0	− 3.4	60.8	− 0.4	67.2	− 2.8	77.1	− 0.2	80.7	+ 0.4	82.0	+ 2.3	72.9	− 1.3	58.2	− 4.4	51.5	0.0	49.7	+ 9.3	61.4	+ 0.5
Junction	53.3	+ 7.3	48.0	+ 2.1	55.0	− 1.8	66.4	+ 0.9	71.4	− 0.2	78.2	− 0.4	82.8	+ 2.4	75.8	+ 0.3	63.2	− 0.7	.....	.....	51.6	− 2.4	56.2	+10.7	.....	.....
Little Rock	49.7	+ 8.3	42.4	− 2.5	49.6	− 3.4	62.4	+ 0.3	67.4	− 2.9	77.5	+ 0.1	80.0	− 0.9	81.5	+ 1.7	73.2	− 0.9	60.8	− 2.8	52.6	+ 0.5	51.2	+ 7.0	62.4	+ 0.4
Lutherville	47 7	+ 7.2	40.2	− 0.3	47.8	− 4.0	60.2	+ 0.9	65.5	− 2.2	75.4	+ 0.2	79.2	0.0	81.9	+ 3.4	71.9	− 1.6	59.2	− 2 0	51.1	− 0.1	49.3	+ 3.7	60.8	+ 0.9
Magnolia	52.5[b]	.....	48.0[a]	.....	54.4	.....	64.7	.....	70.1[a]	.....	79.1[c]	.....	81.4[a]	.....	.....	.....	.....	.....	63.4[f]	.....	.....	.....	51.6[c]	.....	.....	.....
Malvern	.....	.....	45.6	+ 1.6	52.4	− 1.2	63.0	+ 1.6	69.4	0.0	78.4	+ 1.0	80.3	− 0.7	82.8	+ 3 2	74.3	− 0.1	61.6	− 1.1	51.8	− 0.7	52.2	+ 8.3	.....	.....
Mammoth Spring	42.8	+ 5.6	37.6	− 0.1	48.7	− 1.1	63.4[a]	+ 5.3	68.0	+ 2.3	76.3[a]	+ 2.4	80.0	+ 2.2	81.2	+ 4.1	72.1	+ 0.4	58.0	− 0.1	.....	.....	49.8	+11.8	.....	.....
Marianna	50.0	+ 9.7	43.2	+ 0.7	52.2	− 1.8	62.7	+ 1.2	68.6	− 2.2	78.2	− 0.6	79.9	− 1.2	80.9	+ 0.2	73.8	+ 0.8	60.8	− 2.7	52.2	+ 0.5	52.1	+ 9.9	62.9	+ 1.2
Marked Tree	46.2	.....	40.0	.....	47.7	.....	61.2	.....	67.6	.....	77.5	.....	80.3	.....	80.1	.....	72.8	.....	57.8	.....	50.5	.....	48.5	.....	60.8	.....
Marshall	48.8	.....	40.0	.....	47.8	.....	60.7	.....	65.7	.....	76.7	.....	78.8	.....	81.2	..	71.4	.....	54.5	.....	51.1	.....	49.6	.....	60.5	.....
Mena	48.3	+ 6.5	44.4	+ 1.2	48.8	− 3.5	61.4	− 0.5	66.1	− 3.2	76.5	+ 0.6	80.2	0.0	83.8	+ 4.6	72.8	− 1.0	59.2	− 3.2	50.7	− 1.8	49.6	+ 7.0	61.8	+ 0.5
Morrillton	49.2	.....	41.8	.....	50.6[a]	.....	61.7	.....	67.0[a]	.....	.....	.....	.....	.....	81.9	.....	73.0[a]	.....	55.8[i]	.....	.....	.....	50.2	.....	.....	.....
Mountain Home	46.6[j]	.....	37.2	.....	44.2	.....	57.4	.....	63.3	.....	73.9	.....	76.7	.....	78.2[e]	.....	69.8	.....	56.0[b]	.....	48.7[a]	.....	46.6[c]	.....	58.2	.....
Mount Ida	47.0	.....	40.2	.....	.....	.....	61.8	.....	66.3	.....	76.0	.....	79.0	.....	81.3	.....	71.1	.....	59.2	.....	49.5	.....	49.4	.....	.....	.....
Nail	43.2	+ 6.6	34.8	− 1.0	42.5	− 6.4	55.6	− 1.3	61.4	− 3.1	71.4	− 0.2	76.8	+ 1.5	80.8	+ 4.2	69.0	− 1.1	56.2	− 2.8	46.6	− 1.7	44.8	+ 7.6	56.9	+ 0.2
Newport	47.7	+ 8.5	41.6	+ 1.2	51.3	− 0.1	62.2	+ 0.5	69.0	− 1.1	78.8	+ 1.2	82.2	+ 1.1	83.0	+ 3.4	73.9	+ 0.2	59.5	− 1.4	52.0	+ 1.3	50.5	+ 9.2	62.6	+ 2.0
Okay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.4[b]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Osceola	49.6	+10.2	41.2	− 0.8	49.1	− 1.7	60.0	− 1.4	68.3	− 2.1	79.8[a]	+ 2.7	80.6	+ 0.5	80.9	+ 2.5	74.6[a]	+ 2.6	62.0	+ 1.5	50.7	+ 1.3	50.2	+ 7 0	62.2	+ 1.8
Ozark	45.8[e]	+ 4.7	41.5	+ 0.3	50.0[d]	− 3.9	61.0[a]	− 1.5	66.2[b]	− 3.8	77.4	− 0.5	81.2[g]	− 0.3	84.6	+ 3.0	73.6	− 2.9	60.0	− 3.5	50.4[d]	− 2.2	48.8[b]	+ 6.6	61.7	− 0.3
Pine Bluff	51.4	+ 8.0	44.2	− 0.6	52.8	− 1.3	63.6	+ 0.6	68.9	− 2.4	78.8	0.0	80.8	− 1.2	82.4	+ 1.2	75.0	+ 0 7	62.6	− 0.6	52.9	− 0.1	53.2	+ 8.5	63.9	+ 1.0
Pocahontas	47.6[e]	+ 9 0	39.2	+ 1.2	49.2	− 1.8	60.1	+ 0.2	67.2	− 1.9	76.6	+ 0.6	80.9	+ 1.0	81.0	+ 1.9	72.6	− 0 3	59 0	− 1.8	50.5	+ 0.6	49.6	+10.2	61.1	+ 1.5
Portland	53.6	+ 6.2	45.6	− 1.4	54.9	− 1.8	66.4	+ 2.8	70.8	− 0.1	79.0	+ 0.4	80 3	− 1.1	81.5	+ 0.7	74.2	− 1.9	61.8	− 1.6	53.4	− 0.5	55.2	+ 8.2	64.7	+ 0.8
Prescott	52.2	+ 7.9	46.0	+ 0.9	53.6	− 1.3	64.2	+ 1.4	69.8	− 1.1	78.2	− 0.3	81.0	− 0.8	82.9	+ 1.8	74.1	− 1.8	62.4	− 1.6	53.3	− 0.6	53.0	+ 9.2	64.2	+ 1.1
Rison	51.0	+ 7.5	44.6	+ 1.4	53.7	− 0.7	64.0	+ 1.3	68.6	− 2.1	78.1	+ 0.7	80.0	− 0.3	82.8[a]	+ 2.6	74.6	− 0.6	62.0	− 0.8	53.0	+ 0.2	53.5	+ 9.0	63.8	+ 1.5
Rogers	46.0	+ 9.2	36.6	− 1.0	45.4	− 3.1	58.6	+ 0.4	64.1	− 2.0	73.8	+ 0.6	77.5	+ 0.7	80.9	− 3.6	70.2	− 1.0	55.0	− 4.4	47.4	− 2.0	45.4	+ 7.0	58.4	+ 0.7
Searcy	44.6	+ 4.2	38.4	− 4.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.9	− 3.4	48.2	− 2 5	48.4	+ 5.9	.....	.....
Snow Lake	51.8	.....	44.5	.....	.....	.....	.....	.....	69 5	.....	77.8	.....	80.2	.....	80.7	.....	74.0	.....	60.2	.....	50.8	.....	.....	.....	.....	.....
Stuttgart	49.8	+ 6 8	43.2	− 0.4	51.6	− 1.5	61.6	− 0.7	68.4	− 1.4	77.6	+ 0.2	79.6	− 1.1	80.6	+ 0.8	74.2	+ 0.1	61.0	− 1.1	51.8	− 0.1	51.8	+ 8.0	62.6	+ 0.8
Subiaco	50.2	+ 8.5	43.8	+ 2 6	49.6	− 3.3	62.8[a]	+ 1.9	68.0	− 1.8	78.0	+ 0.9	82.4[a]	+ 1.5	85.4	+ 4.3	74.1	− 1.0	60.6	− 2.8	53.1	+ 0.7	51.2[a]	+ 9 5	63.3	+ 1.8
Texarkana	54.6	+ 8.0	49.2	+ 2.0	54.2	− 1.8	65.6	+ 1.7	71.2	− 0.3	79.3	+ 0.3	83.1	+ 0.8	84.7	+ 2.7	75.1	− 1.7	63.9	− 1.6	54.3	− 1.0	54.0	+ 7.4	65.8	+ 1.4
Warren	52.8	+ 8.0	46.5	+ 1.7	55.0	− 0 3	65.1	+ 2.3	70.7	− 0.3	79.1	+ 0.6	81.9	+ 0.1	82.7	+ 0.9	57.7	− 6.1	....	.....	.....	.....	.....	.....	.....	.....
Wynne	48.2	+ 8.2	42.0	− 2.0	50.7	− 0.1	61.8	+ 1.4	67.6	− 1.5	77.6	+ 0.2	80.6	+ 0.4	81.8	+ 2.3	73.8	+ 0.7	60.1	− 1.3	51.9	0.0	51.0	+ 10.7	62.3	+ 1.6

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly River Stages for the Year 1923.

Stations.	Jan.			Feb.			Mar.			Apr.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.
Arkadelphia	17.0	0.2	4.5	17.4	1.8	6.5	14.4	2.0	5.8	8.6	1.4	4.2	**23.0**	1.8	6.0	10.0	0.8	3.8	3.2	**0.0**	0.5	0.4	**0.0**	**0.0**	5.7	**0.0**	1.3	0.5	**0.0**	**0.0**	3.9	**0.0**	0.9	13.0	1.7	5.1
Arkansas City	31.2	17.8	20.6	46.4	32.5	42.5	48.6	28.8	38.9	**49.4**	40.6	44.8	42.6	31.9	37.0	43.6	39.2	41.9	39.5	18.6	26.8	24.8	14.7	19.5	18.8	11.3	14.0	21.5	**10.5**	15.6	18.1	10.8	15.6	41.0	10.7	26.6
Batesville	16.4	5.9	9.8	**32.4**	8.4	13.9	25.6	7.8	13.7	15.6	8.1	10.0	27.0	9.2	16.8	22 8	8.1	12.7	9.4	6.1	7.4	6.9	5.1	5.7	9.1	**5.0**	5.8	6.0	5.1	5.4	11.3	5.2	7.6	17.4	7.0	11.7
Black Rock	16.7	4.3	8.7	21.7	7.6	16.0	23.6	6.1	16.4	16.1	8.4	11.8	**24.3**	9.7	18.1	26.3	8 8	14.7	8.2	4.5	5.5	5.3	2.9	4.0	4.7	2.3	2.9	3.7	**2.0**	2.8	3.9	2.6	3.0	11.0	3.3	7.1
Calico Rock	9.0	0.7	3.8	**27.3**	2.3	7.7	18.8	2.1	7.0	9.2	2.2	3.8	18.1	3.1	9.1	13.0	2.4	6.0	3.3	0.9	1.9	1.6	**0.0**	0.5	1.6	**0.0**	0.6	1.2	0.1	0.4	5.6	0.1	2.2	10.3	2.1	5.4
Camden	23.3	5.9	10.5	35.1	9 6	23.7	33.9	12.0	26.2	27.9	9.5	15.3	**5.9**	9.1	23.2	24.8	6.6	15.3	6.8	5.6	6.2	5.9	4.3	4.9	16.1	**4.0**	9.0	7.8	4.2	5.7	6.8	4.1	5.5	30.6	6.1	19.9
Clarendon	24.1	13.3	17.5	29 9	24.8	28.0	29.0	25 5	27.1	28.1	23.4	25.7	30.1	25.0	27.0	**30.4**	26.5	29.0	26.2	12.4	17.6	12.3	9.5	10.9	14.9	9.0	11.5	10.7	**8.1**	9.2	15.3	9.6	12.4	26.4	12.8	20.6
Dam No. 1	14.2	**0.4**	4.4	20.5	2.0	8.4	23.7	3 3	10.0	12.9	2.0	4.7	**36.2**	2.2	11.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danville	18.0	3.1	6.9	21.8	4.5	12.8	22.7	5.1	13.7	22.3	3.5	5.5	**24.9**	5.0	16.2	22.2	3.2	11.8	3.1	1.7	2.2	2.0	**0.7**	1.3	6.3	**0.7**	2.3	11.5	0.8	2.1	17.2	2.4	5.5	23.3	3.4	12.0
Dardanelle	6.5	**1.4**	3.0	18.7	3.2	8.1	15.0	4.0	7.8	13.8	2.6	4.4	25.0	5.8	14.2	**26.5**	9.2	19.3	8.5	3.8	6.5	4.8	2.0	2.8	15.5	3.9	6.8	21.8	6.1	11.8	17.0	6.7	10.8	22.0	6.9	12.6
Fort Smith	5 1	**3.3**	3.8	19.7	4.8	9.0	15.0	5.5	8.7	14.8	4.5	6.1	26.1	7 1	15.4	**29.4**	9.8	20.5	9.8	5.1	7.5	6.4	3.7	4.5	17.4	4.7	8.3	25.4	7.9	13.9	18.8	8.5	12.3	25.0	9.6	13.8
Fulton	14.5	6.5	8.8	24.0	9.4	16.6	21.4	9.6	17.4	17.9	8.7	10.9	25.7	11.1	20.6	25.7	12.4	20.5	11.8	7.4	8.8	7.3	6.1	6.6	25.3	**6.0**	13.2	26.5	11.8	17.8	25.6	13.7	19.5	**31.4**	13.8	23.1
Georgetown	19.8	4.8	11.6	25.0	18.4	21.8	23.1	15.2	20.5	21.3	14.6	18.0	**25.9**	18.0	21.8	25.8	17.6	22.3	16.6	5.0	8.5	5.2	2 7	4.1	7.0	2.0	3.7	3.4	**1.4**	2.2	8 8	2.6	5.2	19.6	5.3	14.7
Helena	29.4	13.8	16.8	42.4	30.8	38 7	**45.4**	18.6	32.6	**45.4**	33.5	38.3	34.0	23.7	28 6	32.4	25.1	29.5	24.1	13.8	19.2	22.1	11.3	16.2	12.3	6.3	9.4	11.2	**6.0**	9.4	9.3	6 5	8.1	35.9	6.6	22.6
Little Rock	7 1	0.8	3.0	19.4	3.2	9.2	16.8	4.2	9.6	13.3	2.4	4.0	23.0	5.4	15.0	**25.3**	10.4	20.2	9.3	3.5	5.9	2.9	**0.6**	1.5	15.5	1.7	5.5	20.6	4.9	10.9	16.9	5.4	10.2	21.8	5.6	12.6
Marked Tree	15.0	6.0	9.0	**19.2**	15 6	18.4	18.7	16.4	17.4	18.7	13.3	16.6	19.1	12.9	15.9	19.1	13.0	16.9	12.5	5.3	7.8	5.2	**3.4**	4.3	7.0	3.5	5.5	6.0	3.5	4.8	7.4	5.6	6.5	17.3	6.6	12.0
Newport	17.8	6.2	10.9	**29.5**	12.2	20.2	26.5	9.4	18.0	17.9	8 8	12 9	29.0	11.9	21.2	26.6	8.8	19.0	8.5	4.4	6.1	4.9	2.7	3.7	6.0	**2.3**	3.6	5.1	2.6	3.6	6.5	3 2	4.6	17.7	4.0	11.5
Patterson	10.2	4 5	7 4	**10.8**	7 9	9.7	9.6	7.6	8.9	8.5	6.9	7 7	10.7	7.3	9.0	10.2	7.1	9.0	6.8	4.6	5.1	5.0	4.0	4.5	5.8	3.9	4 5	7.2	**3.2**	4.5	7.8	5.6	6.7	10.5	6.8	8 9
Pine Bluff	10.2	**4.6**	6.6	21.7	7 4	13.0	19.3	9.3	13.6	14.6	6 7	7.9	25.6	9.6	18.2	**27 7**	16.8	24.1	15.0	9.3	11.0	8.9	6.3	7.1	18.1	6.4	10.0	22.9	9.4	14.6	9.7	9 6	14.2	24.0	9.6	16.2
Springbank	14.4	5.2	7.9	26.4	10.0	18.3	22.7	14.5	19.6	16.4	10.4	12.7	26.4	11.8	21.7	27.2	11.8	22.5	11.0	5.0	6.9	4.9	**3.0**	4.0	25.6	**3.0**	10.7	26.6	8.0	15.8	25.3	10.3	18.5	**34.0**	11.0	23.8
Whitecliffs	19.8	2 1	6 3	26.7	6 4	17.7	26.2	4.8	18 5	15 6	4.0	9.0	**27.9**	8.0	19.0	25.0	4.0	15.6	3.8	1.3	2.0	1.6	**1.0**	1.1	25.2	**1.0**	9.1	16.9	2.4	8.9	22.3	3.7	12.4	27 2	6.3	19.7

Monthly and Annual Precipitation for the Year 1923, with Departures from the Normal.

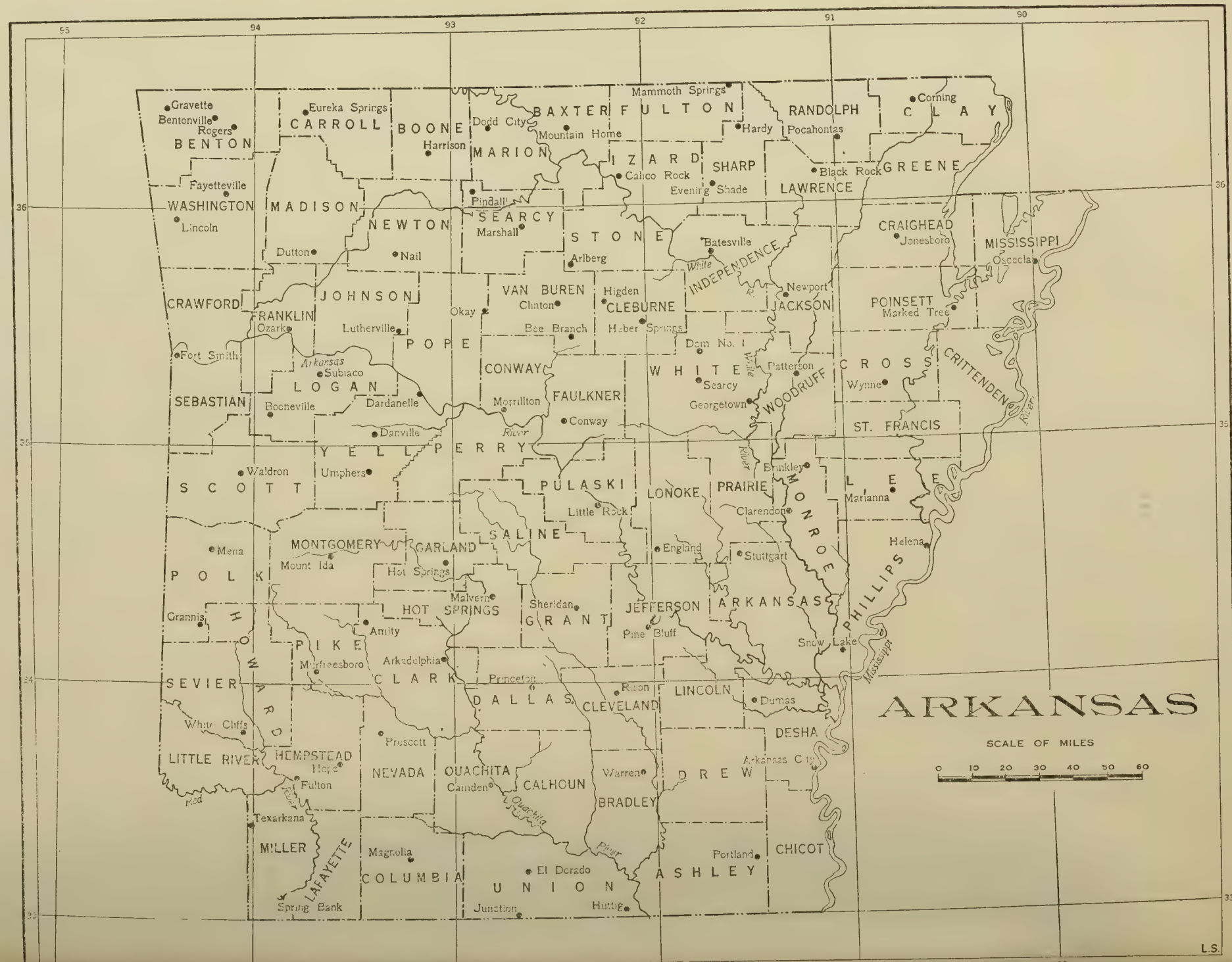
Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Amity	8.53	+3.87	5.71	+1.77	2.29	−2.64	7.28	+1.59	.....	.....	.....	.....	.....	.....	1.23	−3.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkadelphia	6.35	+2.41	5.65	+1.55	3.79	−1.11	5.95	+0.67	7.80	+1.59	2.60	−2.91	2.80	−1.20	2.05	−2.68	7.20	+4.73	1.33	−1.04	2.90	−0.80	6.55	+1.46	54.97	+ 2.67
Arkansas City	4.21	−0.41	5.58	+0.84	4.16	−1.41	10.24	+5.78	7 69	+3.27	3.04	−1.33	5.95	+1.98	2.33	−1.60	4.10	+1.20	2.54	+0.62	4.12	+0.36	9 29	+4.29	63.25	+13.59
Arlberg	4.20	.....	3.50	.....	6.00	.....	5.85	.....	11.95	.....	4.90	.....	2.50	.....	4.70	.....	4.10	.....	3.70	.....	2.75	.....	4.50	.....	58.65	.....
Batesville	4.22	−0.16	3.95	+0.47	5.98	+2.12	6.24	+1.62	11.09	+6.05	3.52	−0.72	2.60	−0.59	6.99	+2.68	4.67	+0.60	3.59	+0.54	3.09	−0.25	6.03	+2.28	61.97	+14.64
Bee Branch	5.25	+0.83	4.65	+1.43	6.85	+2.21	6.05	+1.71	11.70	+7.16	7.25	+3.58	2.25	−1.31	3.78	+0.01	4.40	+1.15	3.14	+0.54	3.27	+0.13	6.52	+2.77	65.11	+20.21
Bentonville	5.49	+2.86	1.66	−0 86	4.06	+0.24	2.47	−1.42	9.20	+3.98	6.40	+1.84	1.28	−3.03	0.71	−3.33	3.92	+0.45	6.60	+3.79	4.94	+1.95	3.79	+1.03	50.52	+ 7.50
Black Rock	6.81	+2.29	3.30	−0.83	4.40	+0.69	6.16	+0.62	9.30	+4.67	6.32	+3.24	2.98	−0.86	4.36	−0.10	4.36	+0.78	6.16	+3.74	3.22	−0.78	6.18	+2.62	63.55	+16.58
Booneville	1.75	.....	2.95	.....	4.13	.....	4.69	.....	10.73	.....	4.25	.....	1.06	.....	3.30	.....	4.95	.....	3.53	.....	3.16	.....	5.18	.....	49.68	.....
Brinkly	6.75	+1.82	7.71	+3.57	6.66	+1.24	9.57	+4.60	8.59	+3 91	6.43	+3.05	2.77	−1.44	3.77	+0.25	8.85	+5.62	4.14	−1.37	3.77	−1.09	5.90	+0.88	74.91	+23.78
Calico Rock	4.18	+0.41	2.94	+0.30	4.00	+0.71	3.32	+1.48	8.65	+4.57	6.07	+2.30	1.67	−1.57	2.49	−3.14	2.75	+1.18	3.20	+0.77	2.90	−0.01	4.06	+1.20	46.23	+ 2.91
Camden	5.20	+0.44	4.56	+0.39	4.38	−0.67	7.30	+2.69	4.07	−0.44	2.41	−2.40	3.33	−0.66	3.37	+0.19	3.75	+0.31	2.37	0.00	3.21	−0.87	4.89	+0.09	48.84	−- 0.93
Center Point	.....	.....	.....	.....	4.56	− 0.26	6.18	+1.42	9.67	+2.93	3.05	−1.43	1.80	−2.33	1.46	−1.89	6.55	+2.93	2.75	−0.16	3.26	+0.13	7.40	+3.19	.....	.....
Clarendon	5.25	+0.77	5.93	+1.72	6.78	+2.56	8.68	+2.50	8 10	+3.01	6.36	+3.14	4.38	+0.70	4.51	−0.47	6.61	+2.52	3.62	+0.74	3.16	− 0.75	6.33	+0.81	69.71	+17.25
Clinton	3.70	.....	3.41	.....	6.36	...	5.25	.....	10.38	.....	6.01	.....	0.96	.....	4.44	.....	2.69	.....	2.32	.....	2.71	.....	5.42	.....	53.65	.....
Conway	5.48	+1.55	5.16	+1.28	4.48	+0.01	8.25	+3.96	11.36	+6.44	3.56	−0.29	6.85	+3.32	1.40	−2.28	2.80	−0.85	2.37	−0.19	3.36	−0.57	5.55	+1.49	60.98	+13.87
Corning	6.88	+3.00	2.95	−-0.82	5.34	+0.67	5.29	+0.71	9.20	+5.17	4.82	+0.65	3.63	−0.09	2.50	−1.00	4.46	+0.78	5.64	+2.69	3.50	+0.47	4.28	+0.78	58.49	+13.01
Dam No. 1	7.08	.....	5.13	.....	8.01	.....	9.11	.....	11.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danville	5.70	...	5.00	.....	4.70	. . .	4.96	.....	9.81	.....	5.12	.....	3.05	.....	2.91	.....	5.00	....	5.06	.....	3.25	.....	5.49	.....	60.05	.....
Dardanelle	3.97	+ 0.66	4.83	+1.67	5.03	+0.63	6.27	+2.33	8 72	+2.96	5.10	+1.48	3.52	−0.21	1.87	−1.95	5.11	+1.60	3.52	+0.99	3.35	−0.08	4.96	+1.70	56.25	+11.78
Dodd City	4.47	+1.47	3.66	+0.43	3.93	−0.05	4.34	+0.22	8.16	+3.04	5.85	+1.57	2.20	−2.49	2.93	−1.71	4.05	+0.20	3.56	+0.56	1.44	−1.55	4.17	+1.15	48.76	+ 2.84
Dumas	4.22	−0.78	5.02	+1.11	5 96	+0.95	7.54	+3.04	7.81	+3.42	4.81	+0.95	5.40	+1.56	1.42	−2.41	2.70	−1.43	4.04	+1.31	3.72	+0.27	8.46	+3.08	61.10	+11.07
Dutton	6.93	+2 64	3.11	−0.09	5.31	+0.94	6.87	+1.58	8.54	−1.68	5.55	+0.06	2.76	−1.39	1.66	−2.72	10.62	+6.44	3.62	+0.42	4.45	+1.11	5.61	+2.66	65.03	+13.33
El Dorado	3.70	+0.23	6.51	+2.37	4.70	−0.12	9.75	+4.56	5.27	+0.10	5.17	+0.77	2.36	−1.55	4.16	+0.30	3.09	−0.17	2.96	+0.77	3.37	+1.07	8.28	+2.44	59.32	+ 8.63
England	6.23	+2.15	7.07	+3.00	6.41	+1.85	10.06	+4.33	5.72	+1.35	5.61	+2.09	6.24	+3.26	1.97	−3.04	3.54	−0.43	1.83	−0.62	3.38	−0.17	7.64	+3.05	65.70	+16.82
Eureka Springs	5.96	+2.54	2.83	−0.12	3.85	+0.25	2.88	−1.62	8.23	+2.19	4.38	−1.96	3.36	−0.80	0.28	−4.76	6.07	+2.22	5.19	+2.42	4.86	+2.29	5.15	+2.91	53.09	+ 5.56
Evening Shade	3.75	.....	4.61	.....	4.01	.....	.....	.....	.....	.....	6.40	.....	3.30	.....	2.77	.....	5.87	.....	2.83	....	2.26	.....	3.90	.....	.....	.....
Fayetteville	3.77	+0.81	2.19	−0.33	3.33	−0.67	3.92	−0.27	7.62	+2.07	2.30	−2.22	1.94	−2.19	1.62	−2.56	5.03	+0.51	4.75	+1.67	5.94	+3.11	3.87	+1.26	46.28	+ 1.19
Fort Smith	3.62	+1.11	1.77	−0.97	2.12	−1.50	4.12	−0.22	8.87	+3.96	3.72	−0.28	3.41	−0.43	0.29	−3.37	4.54	+1.37	3.13	+0.30	3 96	+0.68	4.26	+1.38	43.81	+ 2.47
Fulton	8.65	+4.55	4.76	+1.68	3.87	−0.59	6.01	+1.92	5.32	+0.63	4.06	+0.53	1.51	−1.99	0.99	−1.72	11.16	+6.68	1.96	+0.06	2.81	−0.69	7.91	+4.39	59.01	+17.45
Georgetown	5.90	.....	6 50	.....	6.80	.....	9.35	.....	8.65	.....	10.90	.....	3.92	.....	1.91	.....	7.85	.....	4.58	.....	3.97	.....	5.13	.....	75.46	.....
Granuis	7.59	.....	8.21	.....	4.63	.....	6.46	.....	9.21	.....	3.31	...	4.60	.....	4.45	.....	9.56	.....	2.63	.....	4.50	.....	8.54	.....	73.69	.....
Gravette	5.55	+2.72	2.10	+0.63	4.30	+ 0.87	3.11	−0.73	7.26	+1.37	5.60	+0.15	0.44	−4.39	0.18	−3.41	4.20	+0.53	7.04	+4.05	6.11	+3 61	3.66	+1.52	49.55	+ 6.32
Harrison	.....	.....	.....	.....	.....	.....	1.87	.....	.....	.....	.....	.....	0.33	.....	1.62	.....	5.40	.....	1.80	.....	.....	.....	.....	.....	.....	.....
Heber Springs	6.53	.....	5.25	.....	6.83	.....	7.45	.....	9.97	.....	6.76	.....	1.87	.....	7.68	.....	4.85	.....	.....	.....	2.98	.. ..	5.52	.. ..	.....	.....
Helena	6 31	−0.94	3.84	−1.06	7.88	+1.84	9.88	+4.46	9.67	+5.23	3.49	−0.48	6.23	+2.39	1.72	−2.11	4.22	+0.70	5.89	+3.53	3.16	−1.29	6.15	+1.07	68.49	+15.22
Higden	4.94	. . .	3.62	.....	6.10	....	5.19	. . .	9.78	.....	5.90	. . .	2.36	.....	5.57	.....	5.55	.....	3.42	.....	2.76	.....	5.73	.....	60 92	.....
Hope	9.55	+4.45	5.10	+0.98	4.25	−0.97	7.71	+2.42	6.06	+0.70	3.90	−0.50	4.89	+0.30	0.86	−2.59	11.89	+8.87	1.58	−1.66	2.59	−1.99	10.46	+6.01	68.81	+16.02
Hot Springs	7.91	+2.81	7.30	+3.43	4.64	−0.44	7.81	+1.75	14.26	+8.25	2.41	−2.33	7.10	+2.56	1.30	−2.53	4.83	+1.25	1.56	−1.14	3.37	−1.10	5.56	+1.26	68.05	+13.77
Huttig	2.86	−1.38	6.94	+2.46	4.98	−0.24	6.73	+2.14	8.55	+2.77	3.60	−0.56	2.75	−-1.36	1.80	−2.47	4.00	+0.84	5.00	+2.80	4.22	+1.42	7.10	+1.97	58.53	+ 8.39
Jonesboro	6.32	+1.14	3.78	−0.50	5.80	+1.36	4.52	+0.43	5.76	+1.86	6.61	+2.93	2.32	−0.81	2.99	−0.80	5.22	+1.64	5.17	+2.17	3.64	+0.45	7.05	+2.44	59.18	+12.31
Junction	2.61	−1.24	6.47	+2.99	4.96	−0.24	8.43	+3.82	6.21	+1.58	9.80	+5.87	1.61	−1.78	5.13	+2.84	3.55	+0.92	.....	.....	2.23	−1.20	6.67	+2.69	.....	.....
Lincoln	4.90	.....	1.74	.....	3.71	.....	4.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lambrook	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.57	.....	2.40	.....	3.48	.....	5.77	.....	3.27	.....	6.10	.....	.....	.....
LITTLE ROCK	7.42	+2.63	6.42	+2.24	5.00	+0.06	7.69	+3.18	10.50	+5.40	1.80	−2.29	7.86	+3.87	2.55	−1.10	3.93	+0.67	1.00	−1.55	2.59	−2.00	4.70	+0.46	61.46	+11.57
Lutherville	3.01	−0.73	2.87	−0.48	4.84	+1.13	4.79	+0.65	7.83	+2.54	3.36	−1.33	5.37	+1.79	0.86	−3.59	6.63	+2.99	2.95	−0.61	3.66	+0.29	5.95	+2.33	52.12	+ 4.98
Magnolia	3.90	.....	3.68	.....	3.32	...	7.87	....	3.55	..	3.71	..	4.70	.....	2.00	.....	5.40	.....	2.50	.....	1.80	.. ..	11.80	.....	54.23	.....
Malvern	.....	.....	7.71	+4.03	5.31	+0.54	7.30	+2.35	8.87	+4.09	3 26	−0.78	2.26	−1.16	0 96	−2.50	3.45	+0.37	0.90	−1.41	3.29	−1.33	5.94	+1.38	.....	.....
Mammoth Spring	5.82	+2.23	2.85	−0.55	5.86	+ 2.82	6.28	+0.82	7.75	+3.59	5.88	+1.42	2.90	+1.10	2.55	−1.90	2.72	−1.76	3.59	+0.90	2.01	−1.09	4.45	+1.57	52.66	+ 6.94
Marianna	4.62	.....	4.82	.....	5.35	.....	9.21	.....	8.17	.....	4.46	.....	3.41	.....	3.39	.....	4.64	.....	3.65	.....	2.60	.....	3.79	.....	58.09	.....
Marked Tree	7.37	+2.54	5.21	+1.20	8.08	+4.11	7.06	+1.37	9.16	+4.74	8.54	+5.42	3.81	+0.86	3.62	−0.34	9.66	+7.29	4.29	−0.25	3.52	−0.91	7.01	+2.68	77.33	+28.71
Marshall	3.30	.....	2.28	.....	3.77	.....	4.70	.....	8.52	.....	12.14	.....	2.76	.....	3.10	.....	4.08	.....	2 51	.....	3.32	.....	4.08	.....	54.56	.....
Mena	3.96	+0.16	5.02	+1.62	5.77	+0.71	4.97	−0.49	7.57	+0.70	8.53	+3.67	2.15	−2.27	T.	−4.77	13.91	+10.31	6.25	+3.00	3.68	+0.31	4.96	+0.83	66.77	+13.78
Morrilton	6.62	.....	5.57	.....	5.17	.....	7.25	.....	7.57	.....	6.03	.	6.25	....	0.93	.....	3.62	.....	2.14	.....	.....	.....	4.98	.....	..	.....
Mountain Home	.....	.....	2.08	.....	4.26	.....	3.53	.....	8.73	.....	4.21	.....	3.92	.....	1.33	.....	3.08	.....	4.21	.....	2.00	.....	3.38	.....	.....	.....
Mount Ida	6.58	+2.06	5.23	+0.59	4.20	−0.37	5.93	+0.36	9.70	+3.49	5.02	+0 60	4.23	+0.41	1.06	−2.27	5.84	+2.56	2.49	−0.73	3.46	−0.63	5.95	+1.64	59.72	+ 7.71
Murfreesboro	9.55	.....	7.38	....	4.52	.....	.....	.....	8.98	....	2.91	.....	2.31	.....	5.62	.....	7.43	.....	3 08	.. ...	4.33	.....	8.49	.....	.....	.....
Nail	6.67	+2.59	2.45	−0.53	5.10	−0.24	5.13	−0.06	8.87	+2.33	4.38	−0.68	3.55	−1.59	2.23	−1.28	6.02	+1.35	3.30	−0.41	3.90	+0.59	5.18	+1.59	56.78	+ 3.66
Newport	7.47	+2.52	4.40	+0.46	6.31	+1 93	4.99	+0.23	8.92	+4.91	8.47	+4.85	4.89	+1.80	2.88	−0.62	4.53	+0.64	5.12	+2.72	4.01	−0.49	7.65	+3.83	69.64	+22.78
Okay	.....	.....	.....	.....	.....	.....	.....	.....	7.85	.....	5.92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Osceola	7.66	+2.86	4.54	+0.41	4.21	−1.18	6.97	+3.07	6.68	+2.09	4.70	+1.23	4.37	+0.86	2.29	−0.67	8 28	+5.56	3.27	+1.04	3 79	−1.05	7.70	+3.60	64.49	+17.84
Ozark	3.80	+1.33	3.07	+0.33	4.22	−0.33	3.74	−0.36	7.99	+1.82	3.85	−0.54	2.86	−0.90	0.78	−3.15	6.88	+3.91	3.90	+0.94	4.16	+1.21	4.05	+0.74	49.30	+ 5.07
Patterson	6.53	.....	6.12	.....	10.55	.....	9.11	.	10.13	.....	11.48	.....	6.81	.....	3.82	.....	5.38	.....	4.72	....	4.00	.....	3.41	.....	82.06	.....
Pindall	5.22	.....	1 96	.....	4.11	.....	3.89	.....	7.52	.....	6.68	.....	3.17	.....	4.80	.....	4.70	.....	3.46	.....	3.11	.....	3.41	.....	52.03	.....
Pine Bluff	8.04	+2.72	5.31	+1 03	4.78	−0.35	9.13	+3.93	7.28	+2.53	4.24	+0.45	3.41	−0.45	2.04	−1.16	5.22	+1.69	2.47	+0.12	3.16	−1.09	9.11	+3.94	64.18	+13.36
Pocahontas	7.55	+3.12	3.10	−0.46	5.40	+0.82	5.53	+0.95	9 79	+5.09	6.91	+3.19	4.30	−0.40	3.30	−1.05	3.33	−0.24	5.40	+2.73	3.15	−0.08	5.53	+2 00	63.29	+15.67
Portland	3.34	−1.29	5.67	+1.08	5.76	+0.37	5.67	+0.97	6.68	+0.75	4.80	+0.91	1.94	−2.83	2.71	−1.09	3.03	+0.03	3.90	+1.47	4.90	+1.40	10.32	+4.55	58.72	+ 6.32
Prescott	7.40	+3.00	5.68	+2.47	3.54	−0.88	6.96	+1.87	8.79	+3.58	2.70	−0.92	4.01	+0.77	2.72	−0.61	8.10	+5.11	1.53	−0.67	2.66	−0.81	8.89	+4.66	62.98	+17.19
Princeton	7.87	+3.07	5.83	+1.88	4.13	−0.07	4.72	−1.46	6.30	+0.81	1.50	−2.75	5.55	+1.47	1.75	−1.51	4.36	+1.05	0.95	−1.45	3.88	− 0.25	9.78	+4.13	56.68	+ 4.92
Rison	7.78	+1.92	5.60	+2.64	4 30	−0.27	6.97	+3.26	4.54	+0.88	5.21	+1.13	6.10	+2.58	1.72	−1.22	5.85	+1.94	1.84	−0.69	3.79	+0.38	8.30	+ 4.54	62.00	+17.09
Rogers	4.35	+1.67	2.33	+0.33	2.82	−0.68	2.61	−1.63	7 61	+2.33	6.51	+1.78	1.68	−2.72	2.05	−1.36	4.72	+1.10	6.10	+3.40	3.58	+ 0.91	4.10	+ 1.94	48 46	+ 7.10
Searcy	7.30	+3.12	5.40	+1.85	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	1.92	−1.81	3.20	−0.09	1.50	−1.69	1.00	−4.48	.....	.....	.....	.....
Snow Lake	4.11	.....	4.46	.....	.....	.....	.....	.....	7 20	.....	5.47	.....	5.76	.....	1.20	.....	5.88	.....	3.89	.....	4.67	.....	.....	.....	.....	.....
Springbank	6.33	+2.92	4.71	+1.13	4.49	+0.31	6.31	−0.13	5.29	+1.37	3.74	+0.03	2.64	−0.36	1.69	−2.18	5.37	+2.07	4.04	+2.17	3.79	+0.71	11.13	+6.20	59.53	+14.24
Stuttgart	6.64	+1.51	4.63	−0.58	4.94	−0.49	8.53	+3.74	6.67	+1.86	4.27	+0.20	5.54	+1.18	3.28	−0.31	6.23	+2.73	2 58	−0.18	2.68	−1.39	6.20	+1.31	62.27	+10.74
Subiaco	3.01	−0.27	5.59	+2.55	4.62	+0.78	4.49	+0.44	7.36	+1.29	4.55	+0.53	2.46	−1 02	1.36	−2.65	5.76	+2.46	2.97	−0.12	8.48	+0.57	5.33	+2.32	50.89	+ 6.88
Texarkana	9.71	+6.62	5.08	+2.12	4.23	+0.29	5.15	+0.41	4.23	+0.04	6.18	+2.63	2.89	−0.26	2.26	−0.75	7.27	+4.48	4.00	+1.80	2.25	+0.77	7.37	+ 3.82	60 62	+20.43
Waldron	5.20	...	5.73	...	4.10	.....	5.00	.....	1 17	...	4.52	....	1 61	.....	0.91	.....	7.90	.. ...	7.34	.. . .	2.49	....	8.42	.....	64.64	.....
Warren	3.50	−1.26	4.20	−0.36	4.49	+1.03	9.81	+4.51	8.35	+3.66	2.95	−1.10	2.25	−1.42	4.10	+0.24	4.50	+1.35	.....	.....	.....	.....	.....	.....	.....	.....
Whitecliffs	9.15	+6.18	7.20	+3.71	4.70	+0.84	8.67	+2.96	5.48	−0 21	2.85	+0.67	3.41	−1.47	2.15	−1.27	7.50	+5.22	3.15	+0.89	0.65	−1.97	7.89	+ 3.47	62.80	+20.62
Wynne	5.96	+0.55	5.57	+1.89	7.60	+3.54	7.62	+2.25	7.43	+3.73	10.99	+7.85	4.99	+1.51	1.72	−2.70	9.65	+6.15	3.81	+0.50	2.88	+0.07	6.75	+ 1.97	74.97	+27.31

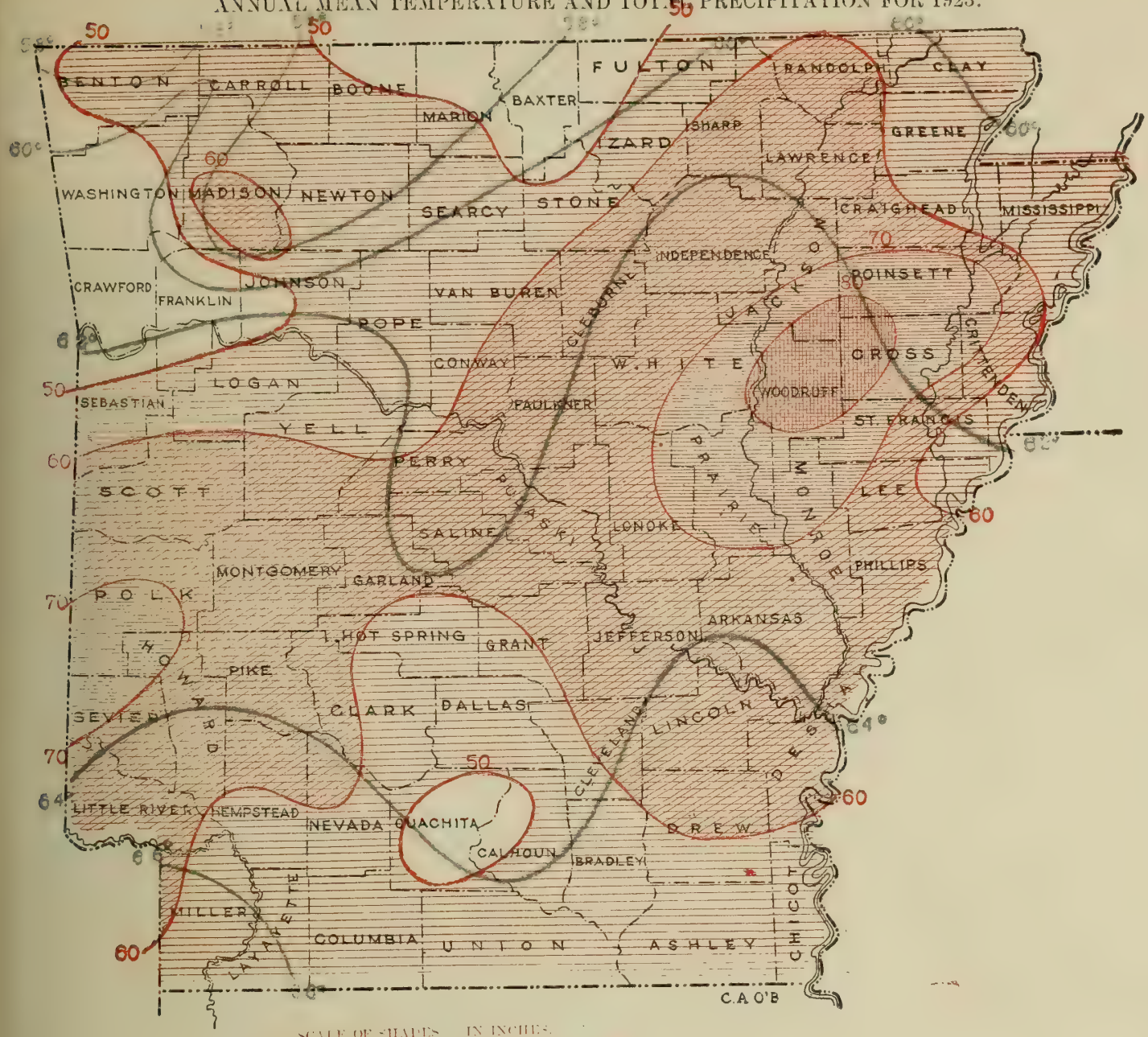
Departures from the normal precipitation are based on records of ten or more years.

Continued from page 50.

November— From the 1st to the 6th and from the 22d to the close of the month rains were frequent and but little outdoor work was done while during the remainder of the month conditions were favorable. An unusually heavy snow storm for November occurred in northwestern counties on the 20th, 6 to 8 inches being reported at numerous stations.

December:— Unusually mild weather prevailed throughout most of December, the monthly mean, 49.1° being the highest recorded in Arkansas during the past 34 years. The month was one of the wettest Decembers on record and the number of rainy days, 13, has not been exceeded. On the 31st a cold wave overspread the State bringing the first winter weather of the season.


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Gravette
Bentonville
Rogers
Eureka Springs
CARROLL
BOONE
Harrison
Dodd City
BAXTER
Mammoth Springs
Mountain Home
FULTON
Hardy
RANDOLPH
Pocahontas
Corning
CLAY
BENTON
MARION
IZARD
SHARP
Calico Rock
Evening Shade
Black Rock
GREENE
LAWRENCE
Fayetteville
WASHINGTON
Lincoln
MADISON
Pindall
SEARCY
Marshall
NEWTON
STONE
Batesville
Arlberg
White
INDEPENDENCE
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
Dutton
Nail
CRAWFORD
JOHNSON
VAN BUREN
Clinton
Higden
CLEBURNE
Newport
JACKSON
POINSETT
Marked Tree
FRANKLIN
Ozarks
Okay
Lutherville
POPE
Bee Branch
Heber Springs
Dam No. 1
Fort Smith
Arkansas
Subiaco
CONWAY
WHITE
Pattersen
Searcy
CROSS
Wynne
CRITTENDEN
White River
SEBASTIAN
LOGAN
Booneville
Dardanelle
Morrillton
FAULKNER
Georgetown
WOODRUFF
Conway
Danville
River
ST. FRANCIS
YELL
PERRY
Waldron
Umphers
SCOTT
PULASKI
Little Rock
LONOKE
PRAIRIE
Brinkley
Arkansas River
MONROE
Clarendon
LEE
Marianna
Helena
MONTGOMERY
GARLAND
SALINE
Mena
Mount Ida
Hot Springs
England
Stuttgart
POLK
Malvern
Sheridan
HOT SPRINGS
GRANT
JEFFERSON
ARKANSAS
PHILLIPS
Grannis
HOWARD
Amity
PIKE
Pine Bluff
Snow Lake
Mississippi River
Murfreesboro
Arkadelphia
SEVIER
CLARK
Princeton
Rison
DALLAS
CLEVELAND
LINCOLN
Dumas
White Cliffs
Prescott
DESHA
LITTLE RIVER
HEMPSTEAD
Hope
NEVADA
OUACHITA
Camden
CALHOUN
Warren
DREW
Arkansas City
Fulton
Red River
Ouachita River
BRADLEY
Texarkana
MILLER
LAFAYETTE
Magnolia
COLUMBIA
El Dorado
UNION
Junction
Huttig
Portland
CHICOT
ASHLEY
Spring Bank
ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.



SCALE OF SHADES IN INCHES.

Less than 50. 50 to 60. 60 to 70. 70 to 80. More than 80.

COOPERATIVE OBSERVERS.

Stations.	Observers.	Stations.	Observers.	Stations.	Observers.	Stations.	Observers.
mity	Albert Dillard.	Dumas	Ben Johnson.	Junction	J. A. Lauderbach.	Ozark	Isham Burrow.
rkadelphia	F. J. Carpenter.	Dutton	J. M. Ricketts.	Lambrook	G. A. Newton.	Patterson	W. E. Baker.
rkansas City	Geo. E. Payne.	El Dorado	J. J. Babb.	Lincoln	L. E. Nabers.	Pindall	W. W. Wood.
rlberg	J. D. Reeves.	England	Dr. R. H. Hardin.	Little Rock	U. S. Weather Bureau.	Pine Bluff	Miss Theresa Scheu.
atesville	Mrs. Lelia I. Teter.	Eureka Springs	Geo. W. Nichoalds.	Lutherville	H. Kauffeld.	Pocahontas	Benedictine Sisters.
ee Branch	J. E. Scanlan.	Evening Shade	C. C. Price.	Magnolia	State Agr. School.	Portland	W. E. Edminston.
entonville	U. S. Weather Bureau.	Fayetteville	University of Ark.	Malvern	Mrs. W. L. Matthews.	Prescott	O. J. Stephenson.
lack Rock	Vernon C. Howe.	Fort Smith	U. S. Weather Bureau.	Mammoth Spring	F. Wallick.	Princeton	Foote Coleman.
ooneville	Supt. Tuberc. San.	Fulton	T. J. Logan.	Marianna	C. N. Houck.	Rison	George H. Tisdale.
rinkley	H. L. D. Whitson.	Georgetown	Arthur Lentz.	Marked Tree	Chas. W. Walton.	Rogers	Carl A. Starck.
alico Rock	W. J. Copp.	Grannis	W. E. Mc Vay.	Marshall	W. F. Reeves.	Searcy	J. T. Bell.
amden	A. B. Quarterman.	Gravette	A. F. Stevens.	Mena	E. W. St John.	Snow Lake	J. L. Britt.
enterpoint	John C. Floyd.	Harrison	A. C. Brooks.	Morrillton	W. C. Jackson.	Springbank	Miss Grace Field.
larendon	J. W. Bishop.	Heber Springs	E. C. Spanhurst.	Mountain Home	B. S. Halbert.	Stuttgart	H. A. Buerkle.
linton	Dr. R. M. Hunter.	Helena	James A. Burnett.	Mount Ida	G. A. Whittington.	Subiaco	New Subiaco Abbey.
onway	C. C. Cordrey.	Higden	J. A. Ingram.	Murfreesboro	Henry A. Davis.	Texarkana	H. S. Brashear.
orning	Rev. N. E. Skinner.	Hope	N. P. O'Neal.	Nail	Charles Paxton.	Waldron	Dr. Cheves Bevil.
am No. 1	H. S. Cooper.	Hot Springs	P. P. Patraw.	Newport	Geo. L. Robinson.	Warren	Mrs. W. L. Hartsell.
anville	C. P. Evans.	Huttig	J. L. Collett.	Okay	U. S. Forest Service.	Whitecliff	Miss N. O. Sohirmer.
ardanelle	J. D. Riley.	Jonesboro	Benedictine Sisters.	Osceola	W. W. Prewitt.	Wynne	E. O. Allen.
odd City	Neal Dodd.						

EXCESSIVE PRECIPITATION FOR 1923.

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began.	Depth of precipitation (in inches) during period of time indicated. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
Jan. 31	[a] 9:23 p.m.	2:15 a.m.	1.05	12:39 a.m.	1:00 a.m.	0.51	0.21	0.25	0.32	0.45	0.47									
Apr. 27	10:26 a.m.	11:37 a.m.	0.86	10:39 a.m.	11:15 a.m.	0.07	0.18	0.33	0.35	0.35	0.41	0.56	0.77	0.78						
Apr. 27	2:15 p.m.	6:20 p.m.	0.86	5:23 p.m.	5:39 p.m.	0.37	0.19	0.34	0.40	0.44										
May 14	[a]10:20 p.m.	5:30 p.m.	2.07	1:41 p.m.	1:56 p.m.	1.31	0.09	0.35	0.53											
May 21	[a] 8:56 p.m.	5:15 a.m.	1.81	10:49 p.m.	11:29 p.m.	0.06	0.13	0.20	0.21	0.32	0.44	0.69	0.72	0.80						
May 24	4:09 p.m.	5:55 p.m.	0.91	4:39 p.m.	5:09 p.m.	0.02	0.07	0.20	0.38	0.54	0.74	0.86	0.87							
June 9	5:50 p.m.	7:40 p.m.	1.40	6:35 p.m.	7:09 p.m.	0.03	0.07	0.30	0.40	0.59	0.88	1.18	1.34							
June 15	7:47 a.m.	1:55 p.m.	0.54	1:01 p.m.	1:11 p.m.	0.20	0.16	0.31												
July 15	5:02 p.m.	5:55 p.m.	0.60	5:02 p.m.	5:24 p.m.	0.00	0.08	0.20	0.39	0.53	0.56									
July 16	7:01 p.m.	10:00 p.m.	0.80	7:01 p.m.	7:12 p.m.	0.00	0.23	0.53	0.56											
Sept. 19	[a] 7:05 p.m.	5:30 a.m.	1.03	2:18 a.m.	2:34 a.m.	0.27	0.15	0.30	0.42	0.45										
Little Rock, Ark.																				
Jan. 20	8:10 p.m.	[c] 8:15 a.m.	3:08	11:04 p.m.	11:32 p.m.	0.03	0.12	0.27	0.41	0.51	0.62	0.67								
Jan. 30	[a] D.N.a.m.	8:15 a.m.	2.67	4:14 a.m.	4:42 a.m.	1.67	0.23	0.41	0.51	0.64	0.71	0.77								
Feb. 2	7:50 a.m.	6:10 p.m.	2.20	9:56 a.m.	10:10 a.m.	0.07	0.19	0.42	0.46											
Mar. 15	11:45 a.m.	5:35 p.m.	1.64	2:39 p.m.	3:39 p.m.	0.21	0.25	0.29	0.32	0.38	0.44	0.53	0.57	0.65	0.81	0.96	1.18			
Apr. 4	3:47 p.m.	4:35 p.m.	1.15	4:05 p.m.	4:24 p.m.	0.02	0.36	0.54	0.86	1.13										
May 14	7:00 p.m.	[b] D.N.A.	3.74	7:26 p.m.	8:16 p.m.	0.01	0.23	0.47	0.57	0.72	0.81	0.92	1.05	1.14	1.24	1.37				
May 14				8:16 p.m.	9:06 p.m.		1.49	1.67	1.90	2.00	2.15	2.30	2.55	2.77	2.85	2.93				
May 14				9:06 p.m.	9:31 p.m.		3.00	3.01	3.04	3.13	3.21									
May 30	5:25 p.m.	7:30 p.m.	1.03	5:28 p.m.	5:50 p.m.	0.01	0.17	0.58	0.77	0.90	0.93									
July 17	[a]10:25 p.m.	10:20 a.m.	3.42	2:50 a.m.	3:25 a.m.	0.30	0.29	0.68	0.93	1.04	1.16	1.21	1.28							
July 27	8:27 p.m.	10:45 p.m.	2.23	9:03 p.m.	9:47 p.m.	0.17	0.22	0.42	0.53	0.57	0.79	1.08	1.48	1.82	1.93					
Aug. 22	D.N.A.	10:00 a.m.	1.45	6:45 a.m.	7:37 a.m.	0.41	0.21	0.29	0.31	0.33	0.34	0.47	0.55	0.63	0.69	0.79	0.89			
Sept. 3	12:10 p.m.	2:00 p.m.	0.91	12:31 p.m.	1:06 p.m.	0.02	0.14	0.19	0.33	0.59	0.56	0.70	0.77							
Sept. 4	9:30 p.m.	D.N.P.	1.08	9:52 p.m.	10:29 p.m.	0.03	0.18	0.29	0.49	0.73	0.87	0.91	0.96	1.01						
Memphis, Tenn.																				
Apr. 4	5:45 p.m.	8:00 p.m.	0.54	7:03 p.m.	7:17 p.m.	0.10	0.13	0.21	0.35											
May 23	10:12 p.m.	[b]12:50 p.m.	1.24	10:17 p.m.	10:46 p.m.	0.02	0.08	0.21	0.28	0.33	0.50	0.59								
June 9	5:33 p.m.	6:32 p.m.	0.67	5:39 p.m.	5:49 p.m.	0.02	0.30	0.53												
June 18	4:02 p.m.	5:00 p.m.	0.64	4:06 p.m.	4:10 p.m.	0.01	0.61													
July 17	4:25 a.m.	D.N.P.	1.95	4:30 a.m.	4:49 a.m.	0.02	0.10	0.29	0.38	0.43										
July 17	4:25 p.m.	D.N.P.	1.95	11:15 a.m.	12:07 p.m.	0.91	0.08	0.18	0.28	0.31	0.42	0.50	0.58	0.61	0.64	0.74	0.86			
July 19	1:03 p.m.	1:27 p.m.	0.31	1:12 p.m.	1:20 p.m.	0.01	0.17	0.30												
Aug. 8	D.N.P.	D.N.P.	0.62	9:50 p.m.	10:08 p.m.	0.01	0.17	0.40	0.51	0.57										
Aug. 17	7:04 p.m.	8:40 p.m.	0.70	7:04 p.m.	7:18 p.m.	0.00	0.23	0.58	0.66											
Aug. 28	[a] D.N.P.	7:10 a.m.	2.07	12:17 a.m.	2:06 a.m.	0.09	0.14	0.29	0.39	0.62	0.77	0.89	0.93	0.95	0.95	0.95	0.96	1.23	1.65	1.90
Aug. 28	3:11 p.m.	4:46 p.m.	0.49	4:11 p.m.	4:22 p.m.	0.01	0.16	0.43	0.45											
Aug. 31	5:18 p.m.	5:45 p.m.	0.50	5:18 p.m.	5:31 p.m.	0.00	0.23	0.41	0.49											
Sept. 5	[a] D.N.P.	6:21 a.m.	0.98	12:17 a.m.	1:35 a.m.	0.01	0.16	0.26	0.34	0.37	0.39	0.40	0.41	0.47	0.67	0.75				
Sept. 6	[a] 8:20 p.m.	6:17 a.m.	0.79	4:29 a.m.	4:45 a.m.	0.35	0.13	0.28	0.37											
Sept. 7	11:01 a.m.	3:35 p.m.	1.45	11:13 a.m.	11:50 a.m.	0.01	0.26	0.35	0.47	0.66	0.88	1.02	1.14	1.21						
Sept. 19	D.N.P.	[b] D.N.A.	0.60	11:01 p.m.	11:13 p.m.	0.01	0.22	0.41	0.51											
Dec. 21	[a] 6:00 p.m.	2:40 p.m.	1.49	10:08 a.m.	10:46 a.m.	0.55	0.10	0.23	0.38	0.46	0.42	0.45	0.61							
Dec. 22	[a] D.N.P.	9:50 a.m.	1.07	12:18 a.m.	12:44 a.m.	0.03	0.11	0.23	0.39	0.43	0.52	0.57								

[a] On previous date. [b] On following date. [c] January 22.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1923

Month.	Temperature, in degrees Fahrenheit. Mean.	Departure.	Highest.	Lowest.	Precipitation, in inches. Average.	Departure.	Greatest in calendar month.	Number of rainy days.	Sky. Clear.	Pt. cloudy.	Cloudy.	Prevailing direction of the wind.
January	48.6	+ 7.7	80	15	5.78	+ 1.55	9.71	9	14	5	12	s.
February	41.9	− 0.3	80	5	4.66	+ 1.38	8.21	8	11	4	13	n.
March	49.6	− 3.0	88	2	5.04	+ 0.34	10.55	8	15	5	11	s.
April	61.4	+ 0.2	95	23	6.30	+ 1.52	10.24	11	14	7	9	s.
May	67.2	− 2.0	98	27	8.24	+ 3.12	14.26	12	11	8	12	s.
June	76.7	− 0.1	99	46	5.20	+ 1.12	12.11	9	13	11	6	s.
July	79.9	0.0	105	48	3.53	− 0.39	7.86	6	16	9	6	s.
August	81.9	+ 2.5	109	49	2.43	− 1.40	7.68	4	18	8	5	s.
September	73.0	− 0.9	98	45	5.56	+ 2.23	13.91	9	12	7	11	s.
October	59.2	− 3.1	94	20	3.53	+ 0.53	7.34	7	12	9	10	n.
November	50.8	− 0.7	81	21	3.34	− 0.23	6.11	6	15	4	11	n.
December	49.1	+ 0.7	80	9	6.24	+ 2.15	11.80	13	9	5	17	s.
Annual	61.6	+ 0.6	109	2	59.85	+11.92	14.26	102	160	82	123	s.

TORNADOES, 1923

Places and dates.	Number persons killed.	Value property destroyed.
Little Rock, Pulaski Co., May 14th	0	$20,000.
Southwestern Sevier Co., May 14th	0	$5,000.
Jonesboro, Crasghead Co., June 27th	0	$7,000.

MISCELLANEOUS PHENOMENA, 1923.

Number of reports and number of days on which reported.

Month	Hail, moderate. Reports.	Hail, moderate. Days with.	Hail, heavy. Reports.	Hail, heavy. Days with.	Thunderstorms. Reports.	Thunderstorms. Days with.	Dense fog. Reports.	Dense fog. Days with.	Sleet. Reports.	Sleet. Days with.	Glaze. Reports.	Glaze. Days with.	Winds, high, not tornadoes. Reports.	Winds, high, not tornadoes. Days with.	Winds, high, not tornadoes. Value property damaged.
January					32	8	9	6	29	2	2	2			
February					33	8	13	7			1	1			
March			1	1	15	17	5	1							
April	1	1	11	5	155	15	2	2							
May					248	25	2	2							
June					254	28							1	1	$1,500.
July					154	21	1	1							
August					146	25	1	1							
September					131	22	9	5							
October					46	8	7	3							
November					8	3	15	9							
December					32	6	11	6	9	2	1	1	17	6	Slight.
Year	1	1	12	6	1205	189	78	46	38	4	4	4	18	7	$1,500.

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., JANUARY, 1924. NO. 1.

GENERAL SUMMARY.

January was a month of moderately cold weather, the mean temperature, 36.1°, being the lowest January mean since 1918 when all previous records were broken, that mean being 27.3° with 23° below zero recorded at Mommoth Spring. The year 1924 opened with temperatures 10° to 16° below normal and by the 6th a cold wave had overspread the entire State bringing temperatures 0° to -6° in northern and northwestern counties and 10° to 12° to the southern border. These were the lowest temperatures recorded in all sections since 1918 and the first zeroes since February, 1921. Precipitation averaged 75% of the normal amount and was mostly in the form of rain. Although the monthly total was below normal there was the normal number of rainy days, precipitation being distributed throughout the month. The ground was frozen in all parts of the State during the first decade and remained frozen in the northern and central counties during practically the entire month. The cold weather together with the frequent rains kept dirt roads impassable throughout the month and fields too wet for plowing, the result being that little farm or outdoor work was done. In some southern and central counties oats were damaged by the freeze the 6th though probably not seriously. Conditions were favorable throughout the month for wheat, rye, meadows, and fruit and the close of the month found all in excellent condition.

W. C. B

TEMPERATURE.

The mean temperature for the State, as determined from the records of 54 stations, was 36.1° which is 4.8° below normal, all stations showing negative departures. The highest monthly mean was 42.5° at Huttig, the lowest 29.0° at Nail. The highest temperature recorded during the month was 79° at Rison on the 31st, the lowest, -6° at Eureka Springs, Mountain Home, and Rogers on the 5th. Extremes occurred on approximately these dates throughout the State.

PRECIPITATION.

The average precipitation for the month of January, as determined from the records of 74 stations was 3.19 inches which is 1.04 inches less than normal. Stations lying between the Ouachita and the Red rivers showed positive departures while in other sections of the State negative departures were recorded with but two exceptions. Monthly totals ranged from 6 50 inches at Warren to 1.50 inches at Searcy. The greatest amount falling in 24 consecutive hours was 2.00 inches at Magnolia on the 15th. An appreciable amount of snow was recorded at 24 stations and averaged 1.4 inches. The average number of rainy days was 7.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	30.24	31.04	5	29.61	16	4,850	20	s.	9	.....	.....	54
Fort Smith...	30.24	31.04	5	29.59	15	6,680	33	e.	15	79	63	53
Little Rock	30.26	30.98	5	29.55	15	6,465	35	n.	20	78	69	51
Memphis....	30.27	30.96	5	29.53	16	6,051	32	nw.	4	70	66	65

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Sleet:- 1st, 6; 2d, 8; 3d, 1; 9th, 1; 10th, 3; 12th, 3; 13th, 1; 15th, 13; 16th, 1.

Thunderstorms:- 2d, 1; 29th, 3.

Dense Fog:- 2d, 1; 4th, 1; 15th, 1; 24th, 3; 29th, 2; 30th, 12; 31st, 1.

Solar Halos:- 1st, 1.

Lunar Halos:- 1st, 1; 2d, 1; 14th, 1.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes	40.9		86	-23	4.23		12	7	12	7
1891.....	41.6	+0.7	71	13	5.34	+1.11	10	6	15	10
1892.....	34.7	-6.2	81	-12	2.48	-1.75	18	5	8	6
1893.....	38.5	-2.4	80	-13	1.13	-3.10	17	8	6	2
1894.....	43.5	+2.6	77	-22	3.63	-0.60	13	8	10	7
1895.....	36.9	-4.0	78	- 5	5.19	+0.96	9	6	16	8
1896.....	41.4	+0.5	78	4	4.09	-0.14	10	6	15	8
1897.....	38.9	-2.0	76	- 2	6.78	+2.55	13	5	13	8
1898.....	45.5	+4.6	81	10	7.93	+3.70	10	8	13	9
1899.....	39.3	-1.6	75	- 9	5.91	+1.68	12	6	13	7
1900.....	43.4	+2.5	78	1	2.69	-1.54	13	7	11	7
1901.....	45.6	+4.7	78	7	2.21	-2.02	16	7	8	5
1902.....	38.0	-2.9	79	2	4.13	-0.10	11	6	14	8
1903.....	40.2	-0.7	80	7	2.60	-1.63	13	8	10	6
1904.....	38.9	-2.0	75	- 5	3.81	-0.42	15	8	8	6
1905.....	33.3	-7.6	73	13	4.58	+0.35	12	8	11	6
1906.....	43.1	+2.2	82	- 2	5.19	+0.96	14	5	12	6
1907.....	49.2	+8.3	82	- 8	5.80	+1.57	8	7	16	11
1908.....	41.7	+0.8	78	6	3.75	-0.48	14	7	10	7
1909.....	43.8	+2.9	82	-19	1.79	-2.44	4	7	20	6
1910.....	41.8	+0.9	78	- 7	2.59	-1.64	16	6	9	6
1911.....	47.6	+6.7	86	- 9	1.02	-3.23	8	10	13	6
1912.....	34.3	-6.6	79	-16	3.01	-1.22	13	10	8	6
1913.....	44.0	+3.1	78	- 1	8.45	+4.22	12	7	12	10
1914.....	46.6	+5.7	82	7	1.57	-2.66	13	9	9	4
1915.....	39.3	-1.6	74	- 3	4.38	+0.15	10	6	15	8
1916.....	44.3	+3.4	82	- 6	9.39	+5.16	8	4	19	12
1917.....	44.0	+3.1	82	- 4	3.66	-0.57	11	5	15	7
1918.....	27.3	-13.6	80	-23	4.39	+0.16	13	4	14	8
1919.....	41.4	+0.5	75	- 3	3.00	-1.23	16	5	10	6
1920.....	39.6	-1.3	82	11	6.49	+2.26	12	4	15	8
1921.....	46.9	+6.0	85	6	2.07	-2.16	11	6	14	6
1922.....	39.1	-1.8	74	4	2.63	-1.60	8	5	18	7
1923.....	48.6	+7.7	80	15	5.78	+1.55	14	5	12	9
1924.....	36.1	-4.8	79	- 6	3.19	-1.04	15	3	13	7

*Based on 30 years record.

Climatological Data for January, 1924.

Stations	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	4.90	+0.93	1.40	0	6	12	0	19	n.	James Dillard.
Arkadelphia	Clark	186	28	.....	.....	.....	.....	.....	.....	.....	4.29	−0.41	1.60	T.	10	16	3	12	n.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	2.25	.....	0.70	0	6	16	2	13	.....	Geo. E Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	2.53	−1.70	1.06	T.	8	14	2	15	se.	J. D Reeves.
Batesville	Independence	277	25	32.4	− 9.4	68	31	2	6	37	2 10	−2.00	0.65	0.5	6	16[a]	2[a]	12[a]	sw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	32	31.8[a]	− 4.4	62[a]	31	− 2[a]	5	35[a]	1.49	−1.14	0.63	4.3	13	15	4	12	s.	J. E. Scanlan.
Bentonville	Benton	1303	19	30.6	− 3.5	62	30	− 6	5	34	2.52	−1.78	0.94	0	11	17	0	14	.....	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	1.85	−2.98	0.61	0.8	8	17	2	12	s.	Vernon C. Howe.
Booneville	Logan	600	10	35.4	− 4.6	66	31	5	5	27	4.03	−0.94	1.21	0	7	17	2	12	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	37.8	− 4.0	71	31	6	6	34	1.40	−2.18	0.54	0.2	8	13	7	11	w.	H. L. D. Whitson.
Calico Rock	Izard	361	20	32.3	− 3.2	67	31	− 1	5†	49	4.85	+0.25	1.27	0	9	13	7	11	n.	W. J. Copp.
Camden	Ouachita	158	39	38.0	− 6.7	72	31	8	6	42	3.14	−0.60	1.14	T	7	15	4	12	s.	A. B. Quarterman.
Center Point	Howard	470	25	38.8	− 6.5	71	31	10	6	33	3.80	−0.54	1.32	T.	11	13	3	15	n.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	2.65	.....	0.80	T.	6	17	2	12	w.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	2.84	−1.41	0.81	0	6	16	4	11	n.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	36.2	− 4.3	70	31	5	6	40	2.65	−1.04	1.00	1.2	9	16	4	11	s.	E. E. Cordrey.
Corning	Clay	293	31	32.2	− 5.1	67	31	− 2	5	41	2.24	−1.15	0.98	0	5	14	0	17	w.	Rev. N. E Skinner.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.53	−0.76	0.95	0	7	17	0	14	n.	C. P. Evans.
Dardanelle	Yell	330	38	36.4	− 3.8	68	31	7	5	38	1.17	−1.86	0.65	1.0	4	12	8	11	nw.	J. D. Riley.
Dodd City	Marion	1175	42	30.1	− 6.1	68	9	− 3	6	39	4.66	−0.33	1.10	1.0	10	14	8	9	n.	Neal Dodd.
Dumas	Desha	162	18	39.7	− 4.0	70	31	8	6	36	4.09	+0.17	1.11	2.0	11	12	9	10	s.	Ben Johnson.
Dutton	Madison	1590	21	30.3	− 5.6	63	31	− 4	5	32	4.62	+1.43	1.65	0	9	13	5	13	se.	J. M. Ricketts.
El Dorado	Union	270	23	41.4	− 4.6	73	31	10	6	37	3.97	−0.09	1.35	T.	7	18	0	13	s.	J. J. Babb.
England	Lonoke	229	17	38.6	− 4.3	74	31	8	6	35	1.69	−1.39	0.61	2.5	6	13	7	11	nw.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	33.0	− 4.5	63	30†	− 6	5	40	2.03	.....	0.85	0.9	6	16	2	13	s.	Geo. W. Nicholds.
Evening Shade	Sharp	.....	2	32.5	.....	69	31	− 2	5	47	1.15	−1.84	0 82	3.0	5	20	1	10	ne.	C. C. Price.
Fayetteville	Washington	1451	37	33.5	− 3.8	61	31	− 5	5	33	2.02	−0.49	1.03	0.5	9	15	5	11	e.	University of Arkansas.
Fort Smith	Sebastian	481	42	35.2	− 4.3	65	31	5	5	31	4 99	+0.96	1.67	0	5	15	3	13	.....	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	4.17	−1.32	1.70	T.	8	15	4	12	n.	F. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	3.33	.....	1.08	0.3	10	16	4	11	n.	Arthur Lentz.
Grannis	Polk	900	6	35.8	....	70	31	5	6	35	2.11	−0.39	1.40	3.0	5	15	5	11	sw.	W. E. Mc Vay.
Gravette	Benton	1250	27	31.9	− 4.7	67	30	− 5	5	42	2.45	.....	1.02	0	5	15	3	13	sw.	A. F. Stevens.
Harrison	Boone	1552	25	.....	.....	.....	.....	.....	.....	.....	4.37	−1.00	1.36	6.8	12	18	1	12	....	A. C. Brooks.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	1.82	.....	0.80	1.0	7	19	1	11	nw.	James A. Burnett.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	5.31	+0.33	1.88	0	7	18[a]	1[a]	11[a]	n.	I. A Ingram.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	3.41	−1.35	1.10	T.	10	17	4	10	.....	N. P. O' Neal.
Hope	Hempstead	377	53	39.5[a]	− 4.6	71[a]	31	10[a]	6	37[a]	4.05	−0.42	1.30	0	4	15	2	14	se.	P. P Patraw.
Hot Springs	Garland	600	33	37.5	− 5.7	70	31	6	6	33	2.02	−0.49	1.03	0.5	9	15	5	11	e.	U. S. Weather Bureau.
Huttig	Union	175	17	42.5	− 5.4	75	31	12	6	43	2.32	−1.12	0.73	T.	7	17	4	10	e.	H. Kauffeld.
Jonesboro	Craighead	345	29	34.4	− 6.0	67	31	1	5	37	3.13	−2.10	0.98	T.	8	17	3	11	sw.	Benedictine Sisters.
Junction	Union	182	30	39.6	− 6.3	74	31	8	6	39	2.98	−0.92	0.92	0	5	18	5	8	ne.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	5.26	.....	1.68	0.6	8	19	2	10	....	S. A. Newton.
Little Rock	Pulaski	286	45	36.9	− 4.5	69	31	8	5	31	3.56	−1.25	1.26	T.	8	16	1	14	s.	U. S. Weather Bureau.
Lutherville, ‡‡	Johnson	775	27	34.6	− 5.7	64	31	3	5	34	2.32	−1.12	0.73	T.	7	17	4	10	e.	H. Kauffeld.
Magnolia	Columbia	315	6	41.4[c]	− 6.3	71[c]	31	10[c]	6	38[c]	5.50	.....	2.00	0	5	17[a]	4[a]	6[a]	ne.	State Agri. School.
Malvern	Hot Springs	277	37	38.5	− 4.6	72	31	6	6	39	3.85	−1.64	1.30	0	7	17	1	13	ne.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. Wallick.
Marianna	Lee	235	16	37.8	− 2.9	67	31	8	6	36	4.86	+0.68	1.44	0	7	9	14	7	e.	C. N. Homer.
Marked Tree	Poinsett	229	19	35.0	.....	68	30	6	4†	41	3.96	−1.53	1.40	0	9	18	4	9	ne.	Charles Walton.
Marshall	Searcy	1083	10	34.8	....	64	31	− 1	5	33	1.60	−2.24	0 58	1.2	8	16	5	10	nw.	W. F. Reeves.
Mena	Polk	1185	38	35.8	− 5.6	69	31	5	6	31	2.28	−1.51	1.20	0	8	16	1	14	sw.	E. W. St. John.
Morrillton	Conway	347	3	37.8	.....	68	31	8	6	40	1.66	.....	0.70	T.	4	17	3	11	s.	W. C. Jackson.
Mountain Home	Baxter	800	11	31.0	....	65	8†	− 6	5	45	1.75	−0.90	0.60	2.0	6	14	0	17	w.	S. S. Halbert.
Mount Ida	Montgomery	730	25	36.4	.....	72	31	1	6	49	2.33	−1.98	0.83	0	7	16	0	15	e.	J. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	4.14	+1.01	1.17	0	10	3[a]	7[a]	20[a]	....	Henry A. Davis.
Nail	Newton	2233	28	29.0	− 7.2	62	31	− 5	5	28	2.10	−1.67	0.89	1.0	5	14	3	14	s.	Charles Paxton.
Newport	Jackson	231	40	35.2	− 3.9	67	31	5	5	31	2.03	−2.88	0.69	T.	6	14	4	13	nw.	G. o L. Robinson.
Osceola	Mississippi	240	26	34.4	− 5.1	63	1	5	5	42	3.89	−1.17	1.16	0	8	16	1	14	s.	W. W. Prewitt.
Ozark	Franklin	450	28	36.0	− 4.6	66	8†	4	5	45	1 88	−0.61	0.86	T.	7	9[a]	6[a]	15[a]	nw	Isham Barrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	3.80	−0.89	1 80	0	5	20	0	11	n	W. E. Baker.
Pindall	Searcy	1500	3	.....	...	...	...	...	...	.....	1.20	.....	0.50	0.2	9	13	2	16	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	39.4	− 3.6	75	31	9	6	38	4.6	−0.14	1.60	T.	9	13	1	17	ne.	Miss Theages Scheu.
Pocahontas	Randolph	300	30	32.2	− 6.2	58	8	− 1	5	37	2.28	−1.99	0 70	1.0	8	14	5	12	s.	Benedictine Sisters.
Portland	Ashley	122	18	41.6	− 4.7	72	31	11	6	37	4.66	−0.39	1.45	0	5	14	3	14	n.	W. E. Edmiston.
Prescott	Nevada	329	36	40.2	− 3.8	71	31	8	6	37	5.01	0.64	1.52	0	9	16	1	14	e.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	3.65	−0.64	1.45	0	5	16	0	15	.....	Foote Coleman.
Rison	Cleveland	243	23	40.2[a]	− 3.4	79[a]	31	7[a]	6	41[a]	3.33	−2.01	1.13	0	6	14[a]	4[a]	12[a]	ne.	Geo. H. Tisdale.
Rogers	Benton	1385	34	33.0	− 3.7	62	30	− 6	5	38	1.15	−1.31	0.45	3.2	7	14	5	12	sw.	Carl A. Starck.
Searcy	White	236	11	35.5	− 4.4	66	1	5	5	56	1.05	−3.13	0.40	T.	4	17	0	14	n.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	17	...	.....	.....	.....	.....	.....	.....	5.24	+1.24	1.65	0	9	18	0	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	37.8	− 4.9	69	31	7	6	31	4.02	−0.89	1.04	T.	7	15	6	10	s.	H. A. Buerkle.
Subiaco	Logan	1050	27	36.6[a]	− 4.7	67[a]	31	6[a]	5	40[a]	1.80	−1.40	0.73	T.	5	19[a]	2[a]	9[a]	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	41.9	− 4.5	72	31	12	6	35	4.18	+0 94	1.58	0	6	16	3	12	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	2.41	.....	0.64	0.6	6	14	3	11	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	36.2	− 8.2	57	6	15	7	39	6.50	+1.95	1.00	0	8	16[d]	0[d]	11[d]	n	Mrs. W. L. Hartsell.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	4.22	+1.20	1.06	0	5	18	2	11	ne.	Nannie O. Schirmer.
Wynne	Cross	250	18	36 4	− 3.8	66	31	7	6	32	4.04	−0.71	1.45	T.	11	12	8	11	s.	E. O. Allen.
State Means and Extreme				36.1	− 4.8	79	31	− 6	5	56	3.19	−1.04	2.00	1.4	7	15	3	13	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ‡‡Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for January, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia	Ouachita			.15							1.40					.25	1.40								.85					.85			4.90
Arkansas City	Mississippi	.04	.19	1.60							.26	.35		.02		.13	1.10				T.				.38	T.					.22		4.29
Arlberg	White				.10						.70					.65								.40					.20	.20			2.25
Batesville	White	.04	T.	.06							.52	.08				.60		T.					T.	.55				.12	.13			2.10
Bee Branch	Arkansas		.05								.65					.60								.65					.12	.04		2.53
Bentonville ***	Arkansas		T.		.10					.08	T.		.01			.23	.13	.20	.02	.01			.02	.62				.01	.04	.02		1.49
Black Rock	White	.03	.02	.11							.75	.04		T.			.94	.20	.02		T.			.02	.06				.26	.27		2.52
Booneville	Arkansas		T.		.06					.03	.07					.61		.08						.32	.58				.10				1.85
Brinkley	White		.24	.21							1.21					1.08	.44								.44					.41			4.03
Calico Rock	White		T.	T.							.27	.06	T.				.54		.02		T.				.34	.04			.01	.12			1.40
Camden	Ouachita	.02	.07	.38							1.21			.33	1.27										.80					.21	.56		4.85
Center Point	Red	T.	T.							.04	.41			T.		1.14	.02			T				.56	.60	T.			T.	.37			3.14
Clarendon	White	.02	.08	.23							.92	.10		T.		.04	1.32								.40	.03				.14	.52		3.80
Clinton	White		.09								.80					.65		T.		T.				T.	.72				.15	.24		T.	2.65
Conway	Arkansas		.15								.81					.36	.69								.61					.22			2.84
Corning	White		T.	.13							1.00		.07			.17	.60	.02							.11					.10	.45		2.65
Danville	Arkansas		T.								.29						.72								.98					.10	.15		2.24
Dardanelle	Arkansas			.19							.30					.09	.63								.95	.05					.32		2.53
Dodd City	White												.10			.30		.12											.65				1.17
Dumas	Arkansas	.04	1.10	.20	T.						1.09		.04	.10		.85				.02					.42					.80			4.66
Dutton	White									.40	.77					.88	.12	.10	.42	.03			.12	1.11					.11	.03			4.09
El Dorado	Ouachita		.20	.24							.62	.05				.45	1.65				T.				.85					.45	.11		4.62
England	Arkansas		.11	.21							1.02			T.		1.35	.18								.55				T.	.55			3.97
Eureka Springs	White				T.											.45	.10	.19					.10	.61					.24				1.69
Evening Shade	White		.02								.33		T.			.56	.85	.02							.25								2 03
Fayetteville	White		T.													.03	.15	.12		T.			T.	.82					T.	.03			1.15
Fort Smith ***	Arkansas	T.	.04							.05	T.					.60	.62	.04		T.			.55	.49					.20	.03			2.02
Fulton	Red		T.								1.01					.30	1.67							.87					T.	1.14			4.99
Georgetown	White		T.	.25							1.25	.10					1.70							.45	.07				.08	.27		4.17
Grannis	Red		.04							.23	.31			.04		1.08		T.			T.		.66	.75	.02			T.	.05	.15			3.33
Gravette	Arkansas		T.		T.					T.						.37	.20	.08	T.	T.			T.	1.40					T.	.06			2.11
Harrison	White																																
Heber Springs	White										.75					1.02	.06							.43					.19				2.45
Helena	Mississippi	.06	.12	1.30							.60	.92		.16			.70				.02				.18	.06				.01	.24			4.37
Higden	White		.01							.50						.80								.36	.04				.06	.05			1.82
Hope	Red		.14	.01							1.27					1.88								.83	.20					.98			5.31
Hot Springs	Ouachita		.07	T.						T.	.70			.01		1.10	.11		T.	.01				.17	.61	.02			T.	.61			3.41
Huttig	Ouachita		1.30								.95					.80									1.00					T			4.05
Jonesboro	White		.01	.42						T.	.98					.59	.71			T.				.11				T.	.29	.02			3.13
Junction	Ouachita		.33								.64					.92				T.			.88		.21								2.98
Lambrook	White	.17	1.68								1.48		.05			1.05				.10				.36						.37			5.26
Little Rock ***	Arkansas	I.	.33							.20	.77		T.			1.24	.02			T.				.23	.32				T.	.45			3.56
Lutherville	Arkansas		.05								.37					.73		T.						.12	.72				.14	.19			2.32
Magnolia	Red										1.40					2.00								.50	.60					1.00			5.50
Malvern	Ouachita			.30							1.80					.10	1.20								.60					.30	.05		3.85
Mammoth Spring	White																																
Marianna	Mississippi		1.23	.24							1.44					.68	.43								.39					.45			4.86
Marked Tree	Mississippi		T.	.39							1.40	.22		.03			1.47								.13	.05				.02	.25		3.96
Marshall	White		.01		T					T.	.38		T.			.58		.02		.01			T.	.46					.05	.06			1.60
Menard	Ouachita		T.	.02												.05	.82		T.					1.20	.05				.06	.07	.01		2.28
Morrilton	Arkansas		.06													.70	T.							.65						.25			1.66
Mountain Home	White										.25		.20			.60								.55					.07	.08			1.75
Mount Ida	Ouachita		.07								.40					.83								.35	.53				.04	.11			2.33
Murfreesboro	Ouachita		.05		.07		.13						.15					.67	.20	.72				1.17						.87	.11		4.14
Nail	White		.10								.70					.40		.10		T.				T.	.80				T.	T.			2.10
Newport	White			.42							.69						.58								.12					.10	.12			2.03
Osceola	Mississippi			.75	.01						1.10	.79					.90								.16	.05				.15				3.89
Ozark	Arkansas		.06	T.						.10	.20					.86		.04						.52	T.				.10				1.88
Patterson	White				.25						1.20						1.80									.30					.25			3.80
Pindall	White		.05								.26					.23	.17	.03		.01				.01	.50				.03					1.29
Pine Bluff	Arkansas		.10	.14							.85	T.		T.		.30	1.60				T.				.60	.05				.18	.48			4.60
Pocahontas	White										.70		.05			.20	.60		.03						.20				.20	.30			2.28
Portland	Ouachita		1.45								1.38					.60								1.12						.11			4.66
Prescott	Ouachita		T.	.18							2.30	.03				.28	1.52								.83	.03				.71	.13			5.01
Princeton	Ouachita										1.45					.35	1.30												.25	.30			3.65
Rison	Ouachita		.48	.16												.50	1.13								.60					.46			3.33
Rogers	Arkansas		T.							T.	T.		T.			.31	.13	.10		.01				T.	.45				.04	.11			1.15
Searcy	White															.15	.40								.30					.20			1.05
Snow Lake	Mississippi																																
Springbank	Red	T.	.07	.05							1.65	T				.60	1.04								1.10	T.			.03	.65	.05			5.24
Stuttgart	Arkansas		.30	.15							1.00			T.		1.04	.27							.25	.47	T.			.79				4.02
Subiaco	Arkansas		.08							T						.73								.59				.15					1.80
Texarkana	Red			T							.90					.25	1.58								.82					.58	.05			4.18
Waldron	Arkansas									.10			T.		.64			.57						.36	.62				.10					2.41
Wheatley	Ouachita	1.00	.50							1.00	1.00					.75	.75						.75							.75				6.50
Wheatleliffs	Red										.91					.35	1.00							1.06						.90				4.22
Wynne	Mississippi	.05	.01	.32							1.45	.30		.02		T.	1.37								.15	.05				.04	.27			4.04

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. § Included in next measurement. ◦ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for January, 1924.

Stations	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.2	9.8	9.4	8.5	8.3	8.0	7.9	7.4	7.0	6.7	6.5	6.2	6.0	6.4	6.7	7.2	7.6	7.8	7.9	8.0	8.2	7.5	7.2	7.0	8.5	9.6	10.2	10.8	11.0	9.3	9.0
Dardanelle	do	20	8.0	7.4	7.2	6.8	6.4	6.0	5.7	5.4	4.8	4.8	4.7	4.7	5.0	5.0	5.4	5.8	6.6	6.2	5.9	5.6	5.5	5.4	5.0	5.0	6.7	7.8	8.1	8.6	8.9	8.6	7.9
Little Rock	do	23	8.0	7.5	6.8	6.3	5.8	5.4	5.0	4.6	4.1	3.8	3.6	3.5	3.6	3.6	3.6	4.2	4.5	5.6	5.8	5.4	5.2	4.8	4.4	4.2	3.8	5.0	6.9	7.6	8.2	8.5	8.2
Pine Bluff	do	25	13.6	12.9	12.1	11.6	11.1	10.9	10.4	10.0	9.8	9.4	9.1	8.9	8.8	8.7	8.7	9.1	9.4	9.9	10.4	10.3	10.0	9.6	9.2	9.1	8.7	8.7	10.0	11.4	11.9	12.4	12.5
Black Rock	Black	14	7.8	7.5	7.0	6.7	6.3	6.0	5.8	5.4	5.0	4.8	5.0	5.0	5.0	4.8	4.8	5.3	6.0	6.3	6.3	6.0	5.7	5.4	5.2	5.0	4.8	4.8	4.6	4.5	4.3	4.3	4.3
Calico Rock	White	18	4.0	3.7	3.4	3.2	2.9	2.4	2.2	2.4	2.0	1.5	2.0	1.8	1.5	1.5	1.6	1.9	1.5	1.5	1.6	1.6	1.6	1.3	1.1	1.5	1.5	1.9	3.3	3.1	3.0	3.1	3.1
Batesville	do	23	10.0	9.7	9.5	9.0	8.8	8.3	8.0	8.0	7.9	7.4	7.2	7.0	7.2	6.8	6.7	7.5	7.7	7.0	6.9	6.9	7.0	6.9	6.7	6.5	6.9	7.0	7.6	9.0	8.7	8.8	8.9
Newport	do	26	13.2	13.0	12.7	12.4	12.1	11.7	11.5	11.1	10.7	10.4	10.1	9.7	9.1	8.3	7.9	7.6	7.9	7.9	7.6	7.2	7.0	6.9	6.7	6.7	6.5	6.4	6.3	6.2	6.0	6.0	6.0
Georgetown	do	22	18.8	18.3	17.6	16.8	15.8	14.8	13.8	12.6	11.6	11.0	10.4	10.0	9.6	9.4	9.6	9.2	10.4	11.0	11.2	11.2	10.8	10.4	10.0	9.6	9.2	8.8	8.8	8.8	8.8	9.0	9.2
Clarendon	do	30	26.4	26.3	26.2	26.1	26.0	25.6	25.3	24.8	24.3	23.9	23.5	23.0	22.5	21.9	21.4	21.4	21.4	21.5	21.7	21.9	21.9	21.9	21.8	21.7	21.5	21.3	21.1	20.8	20.6	20.5	20.5
Helena	Mississippi	42	35.9	35.8	35.8	35.8	35.8	35.8	36.1	36.5	36.9	37.4	38.0	38.5	39.0	39.6	40.1	40.7	41.0	41.5	41.8	42.1	42.2	42.2	42.1	41.8	41.6	41.4	40.9	40.1	39.7	38.9	37.7
Arkansas City	do	48	41.2	41.3	41.3	41.3	41.3	41.2	41.0	40.9	41.0	41.2	41.4	41.6	41.8	42.1	42.4	43.0	43.4	43.6	45.7	44.0	44.1	44.6	44.8	45.	45.0	45.0	44.9	44.7	44.5	44.4	44.1
Camden	Ouachita	49	18.5	16.0	15.2	13.9	13.3	13.0	12.2	11.3	10.8	10.1	10.1	10.0	15.3	16.7	16.9	16.9	17.5	21.9	23.6	28.6	27.2	22.6	22.0	21.0	20.9	20.9	20.9	20.6	20.2	20.0	18.4
Danville	Petit Jean	20	6.3	6.3	5.8	5.8	5.8	5.6	5.6	5.5	5.3	4.1	3.7	3.6	3.5	3.4	3.4	3.4	4.2	4.5	4.4	4.4	4.2	4.0	4.0	3.8	5.3	12.0	15.1	12.3	9.8	9.1	8.5	7.3
Fulton	Red	28	21.5	20.2	18.9	17.3	15.7	14.2	13.1	12.6	12.3	12.2	12.0	11.9	11.8	11.7	11.5	12.6	13.6	14.6	15.3	15.2	14.7	14.1	13.4	13.1	13.6	16.8	19.4	19.6	19.0	18.1	17.0
Arkadelphia	Ouachita	18	2.5	2.3	2.0	2.0	1.9	1.6	1.2	1.1	1.0	1.0	1.0	2.0	2.0	1.9	1.8	4.4	5.5	4.5	4.2	3.7	3.2	2.8	2.5	2.7	4.0	4.9	4.8	4.6	3.8	4.5	4.0
Patterson	Cache	9	9.1	9.0	8.5	8.1	7.9	7.7	7.6	7.4	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.7	8.2	8.4	8.6	8.6	8.3	8.0	8.2	8.5	8.5	8.3	8.1	8.0	7.7	7.5

Daily Temperatures for January, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	32	40	40	36	16	29	53	59	53	51	49	38	40	45	37	40	29	47	52	29	40	45	47	44	43	39	56	51	52	66	68	44.1
	Minimum	14	15	18	18	3	2	13	19	20	38	26	28	15	14	16	29	29	21	26	16	9	10	25	25	36	17	17	28	35	33	31	20.8
Bee Branch	Maximum	21	32	38	....	39	28	48	54	55	45	44	45	37	43	43	39	41	42	42	36	38	43	44	39	36	40	49	50	51	59	62	43.2
	Minimum	10	21	22	.. ..	— 2	— 1	13	21	32	25	21	25	12	15	21	29	24	22	30	11	6	15	24	32	29	14	19	28	38	26	32	20.5
Bentonville	Maximum	28	34	37	27	12	35	56	56	52	52	46	36	38	46	38	34	21	42	45	24	39	44	46	42	38	44	52	50	56	62	60	39.6
	Minimum	7	27	17	7	— 6	3	22	33	41	21	18	16	13	19	32	17	11	11	15	10	15	28	34	38	19	17	32	41	41	36	39	21.7
Booneville	Maximum	28	31	42	47	29	34	51	50	55	50	45	42	43	46	40	42	39	42	49	30	31	36	42	44	43	44	57	59	56	64	66	44.4
	Minimum	15	25	33	35	5	7	23	23	28	26	25	31	17	22	31	32	22	23	30	15	14	29	32	37	28	20	30	36	41	40	42	26.4
Brinkley	Maximum	32	35	44	39	35	31	52	59	59	56	47	41	41	48	40	41	41	53	58	54	41	46	49	46	50	41	58	59	54	61	71	47.8
	Minimum	18	29	32	23	8	6	22	31	33	31	28	32	21	19	25	35	35	25	42	19	15	23	32	37	37	21	24	34	44	45	38	27.9
Calico Rock§§	Maximum	31	32	43	33	15	33	53	63	63	48	53	37	42	48	37	39	30	46	51	28	44	47	51	44	40	42	61	50	56	63	67	44.8
	Minimum	13	13	25	18	— 1	— 1	4	14	18	41	24	22	13	13	15	26	24	22	27	15	9	9	18	24	35	20	20	25	38	37	35	19.8
Camden§§	Maximum	33	38	47	45	28	30	56	60	59	42	54	48	46	51	41	45	48	59	63	37	44	50	48	49	59	50	62	61	61	69	72	50.2
	Minimum	21	20	32	25	18	8	15	18	24	39	25	25	23	19	20	36	31	28	29	24	15	15	19	41	41	28	24	25	41	40	34	25.9
Center Point	Maximum	30	33	46	42	34	33	53	57	54	53	51	49	46	48	43	49	42	53	53	46	44	47	42	47	55	47	56	54	61	67	71	48.6
	Minimum	19	27	26	25	13	10	18	25	41	30	24	32	19	21	32	36	31	29	45	20	14	23	38	40	37	27	27	43	45	34	48	29.0
Conway	Maximum	32	34	45	41	25	32	55	61	53	54	50	48	39	48	38	49	37	50	51	45	44	49	45	43	51	41	58	58	55	60	70	47.1
	Minimum	16	26	30	22	8	5	17	21	31	30	25	22	18	17	27	34	32	24	33	17	13	21	28	38	36	21	22	38	42	41	33	25.4
Corning	Maximum	27	32	33	35	35	25	50	60	53	51	43	38	30	36	36	38	36	41	52	34	36	40	50	46	40	36	52	49	50	56	67	42.5
	Minimum	12	21	25	18	— 2	1	17	19	34	29	26	27	8	14	19	30	21	15	32	12	11	23	28	31	32	14	20	34	37	35	34	21.9
Dardanelle	Maximum	30	32	41	39	32	35	48	62	56	51	46	44	41	46	42	47	44	46	51	39	40	49	48	45	47	50	52	53	56	54	68	46.3
	Minimum	17	27	29	24	7	8	19	24	35	27	26	32	29	20	30	34	30	26	36	17	11	26	32	28	36	26	24	34	36	38	36	26.6
Dodd City	Maximum	26	30	34	34	21	35	47	60	68	44	38	38	38	47	46	33	32	39	42	22	36	39	42	39	37	37	53	53	54	58	64	41.5
	Minimum	6	20	18	18	6	— 3	14	22	29	23	12	24	5	12	20	28	16	17	17	8	7	12	22	34	26	10	23	33	40	28	33	18.7
Dumas	Maximum	34	42	42	42	34	34	56	64	64	58	52	56	42	50	41	45	52	57	60	54	40	45	50	48	52	46	58	62	55	60	70	50.5
	Minimum	22	29	35	25	15	8	20	28	40	34	28	30	25	21	30	32	36	28	42	22	16	20	32	38	38	24	25	34	44	40	36	28.9
Dutton	Maximum	33	33	41	33	19	30	33	54	45	49	45	37	37	42	36	39	31	37	43	24	36	42	41	41	40	41	50	47	54	60	63	40.5
	Minimum	7	24	20	15	— 4	— 3	16	24	35	21	15	25	8	12	29	29	17	16	22	8	4	20	27	37	27	12	21	32	41	25	40	20.1
El Dorado	Maximum	36	38	40	39	35	35	58	59	59	59	55	54	41	51	44	44	50	60	61	59	44	50	47	51	58	51	63	62	61	69	73	51.8
	Minimum	22	29	34	28	18	10	21	29	33	33	25	35	25	23	35	40	33	31	48	24	17	21	41	40	42	28	28	40	48	44	38	31.1
England	Maximum	49	35	39	40	34	32	54	62	55	56	50	41	40	48	40	44	44	54	59	55	43	49	49	46	51	43	58	55	55	60	74	48.8
	Minimum	19	29	31	25	11	8	20	29	33	31	28	30	22	20	30	36	32	25	41	20	15	23	35	38	41	24	25	36	44	42	39	28.5
Eureka Springs	Maximum	28	33	42	29	16	41	61	61	50	51	50	41	40	49	37	38	28	43	47	25	42	48	51	43	41	47	56	52	59	63	63	44.4
	Minimum	6	23	19	15	— 6	1	27	39	41	21	18	21	9	18	26	24	13	11	17	8	12	27	34	35	22	12	33	41	47	36	39	22.2
Evening Shade	Maximum	23	31	40	36	27	30	55	63	53	54	49	44	40	46	40	39	39	43	52	33	41	47	48	45	42	40	58	51	52	64	69	45.0
	Minimum	11	22	22	17	— 2	— 1	12	16	23	28	24	26	12	13	16	30	23	20	30	13	7	20	19	35	33	14	18	28	34	29	29	20.0
Fayetteville	Maximum	32	33	39	39	20	35	58	56	53	50	48	44	40	45	43	37	27	40	46	26	38	43	43	44	40	46	52	49	58	60	61	43.4
	Minimum	8	28	20	19	— 5	2	26	38	38	21	19	24	12	18	30	26	13	11	20	10	15	27	36	40	26	16	31	40	43	29	41	23.6
Fort Smith	Maximum	29	34	40	32	20	34	49	60	57	55	47	40	41	49	35	41	31	43	47	29	44	49	39	43	44	42	52	50	62	62	65	44.0
	Minimum	15	26	26	20	5	10	22	29	42	27	26	24	19	24	32	31	20	23	22	17	17	25	33	38	27	24	29	40	45	38	40	26.3
Grannis	Maximum	30	35	44	44	30	32	51	55	49	51	51	45	46	45	38	45	40	51	50	35	41	46	42	46	44	47	55	49	59	65	70	46.2
	Minimum	14	24	25	24	8	5	16	26	36	25	20	28	15	21	30	34	26	22	34	16	12	21	35	39	33	22	25	37	42	39	40	25.3
Gravette	Maximum	27	33	37	36	21	35	56	57	57	51	48	41	39	47	37	36	26	41	47	23	39	45	46	44	42	45	54	50	56	67	59	43.3
	Minimum	7	25	16	17	— 5	0	19	28	37	21	15	24	10	15	25	25	10	— 1	18	9	9	26	33	38	25	16	33	41	44	29	28	20.5
Hope	Maximum	33	36	46	43	30	36	57	57	57	55	55	45	47	50	41	45	47	56	60	50	41	49	47	49	48	50	61	....	64	67	71	49.8
	Minimum	21	29	31	25	16	10	20	26	40	32	25	27	23	21	35	39	29	29	43	23	16	25	40	42	38	26	26	....	41	38	39	29.2
Hot Springs	Maximum	30	34	43	42	34	33	54	59	52	54	51	46	45	48	39	49	41	51	54	47	42	47	43	45	53	45	57	53	54	67	70	47.8
	Minimum	17	26	32	21	10	6	22	29	35	29	25	29	19	20	28	35	32	28	36	19	15	23	34	40	34	23	26	40	44	36	37	27.2
Huttig	Maximum	40	40	45	45	44	35	61	63	62	61	56	60	52	51	49	47	53	60	59	58	42	52	53	53	60	59	61	67	65	71	75	51.8
	Minimum	25	31	37	43	19	12	18	24	26	34	26	30	48	21	36	41	31	30	43	26	17	19	37	41	44	30	26	34	43	40	34	31.2
Jonesboro	Maximum	27	32	35	35	14	29	50	60	54	53	44	39	37	41	35	39	38	45	57	35	37	45	50	45	45	34	52	55	52	59	67	43.2
	Minimum	15	26	28	21	1	4	21	23	32	31	27	29	16	21	24	34	26	21	34	15	14	25	26	36	33	17	24	36	41	43	49	25.4
Junction	Maximum	37	39	41	38	26	37	46	48	54	50	44	57	45	48	52	50	54	58	61	45	46	51	60	62	54	54	63	64	68	72	74	51.6
	Minimum	24	30	34	24	20	8	18	24	30	34	23	29	27	19	27	30	28	39	30	15	17	27	33	28	30	25	29	35	45	40	35	27.6
Little Rock	Maximum	30	34	43	39	23	30	53	58	57	52	51	40	40	46	36	44	39	51	56	31	41	47	45	45	48	39	57	55	55	59	69	45.6
	Minimum	16	27	30	23	8	10	22	32	39	30	28	30	20	25	32	34	31	28	27	18	17	24	38	37	31	23	28	43	43	39	41	28.2
Lutherville	Maximum	35	32	43	39	27	39	51	60	58	50	43	41	38	44	43	46	40	42	46	35	40	49	46	43	43	40	49	48	51	53	64	44.6
	Minimum	12	23	23	20	3	5	22	33	39	26	23	32	15	23	29	31	23	23	24	4	12	23	31	36	31	19	26	39	42	35	38	24.7
Magnolia	Maximum	....	36	....	....	41	28	37	58	58	59	40	56	....	49	49	44	....	60	62	57	44	50	46	51	57	49	62	59	64	68	71	52.2
	Minimum	....	29	....	....	18	10	11	20	29	38	26	27	....	22	34	37	....	30	47	25	17	22	42	42	28	39	28	42	50	42	39	30.6
Malvern	Maximum	33	35	46	43	38	33	52	59	56	57	52	49	45	49	43	47	48	51	55	53	43	48	45	45	56	46	60	55	57	66	72	49.4
	Minimum	18	28	34	24	13	6	18	22	29	44	26	28	21	18	30	36	31	27	34	21	13	20	37	40	10	23	21	39	45	36	34	27.6
Marianna	Maximum	32	38	42	40	37	26	48	59	59	60	48	47	37	48	38	43	43	51	57	57	39	45	47	46	48	41	55	57	53	63	67	47.5
	Minimum	20	29	34	26	10	8	20	27	33	32	28	29	22	22	27	37	33	28	42	21	16	22	31	38	40	22	26	25	41	46	40	28.2
Marked Tree §§	Maximum	35	40	35	14	28	50	58	55	50	45	38	38	43	38	39	31	47	55	27	38	44	50	42	45	37	52	56	53	63	68	66	44.6
	Minimum	19	31	25	6	6	9	24	25	34	29	29	19	19	22	33	29	25	28	18	15	16	25	36	38	26	19	29	37	42	40	40	25.4
Marshall	Maximum	26	34	37	34	22	32	56	59	52	45	49	41	40	44	38	38	38	41	52	27	39	45	46	42	41	46	61	51	54	63	67	43.6
	Minimum	11	23	24	19	— 1	4	25	29	42	27	24	27	14	20	30	31	22	23	27	12	15	27	35	37	31	26	31	43	44	36	44	25.9
Mena	Maximum	32	34	42	42	24	35	45	58	53	53	42	43	45	47	36	43	32	51	46	32	42	46	41	46	45	50	57	49	58	62	69	45.2
	Minimum	15	25	25	25	7	5	21	28	40	26	29	29	16	19	29	28	27	27	29	15	15	25	37	40	32	21	26	40	44	35	38	26.5
Morrillton	Maximum	56	34	42	40	33	32	50	60	52	53	47	44	37	46	46	47	48	49	55	48	45	48	51	45	49	45	57	55	57	58	68	48.3
	Minimum	16	26	31	24	9	8	20	24	36	29	27	30	18	21	28	31	30	28	35	20	18	27	31	37	37	21	26	41	42	37	39	27.4
Mt. Home	Maximum	28	30	41	32	20	30	55	65	55	50	47	38	39	48	34	36	33	41	49	26	41	48	52	41	41	40	59	51	56	64	65	43.7
	Minimum	7	20	19	15	— 6	— 2	13	20	30	22	19	22	4	12	20	29	15	17	19	9	6	20	22	35	23	11	26	33	39	27	32	18.3
Mount Ida	Maximum	33	33	45	38	31	36	62	62	54	54	55	46	49	49	43	49	37	53	52	38	47	58	58	46	56	48	59	57	58	68	72	49.7
	Minimum	13	26	25	18	9	1	13	17	41	29	19	24	11	12	22	35	30	23	38	18	7	19	30	39	36	19	18	35	44	30	27	23.2
Nail	Maximum	30	31	38	32	15	26	30	39	46	35	36	37	38	40	34	37	29	31	37	23	36	4	37	39	39	38	50	49	49	61	62	37.6
	Minimum	5	20	19	13	— 5	— 1	20	25	26	24	20	18	10	17	22	28	20	21	21	7	9	21	29	34	25	13	24	29	35	39	41	20.3
Newport	Maximum	28	32	39	35	30	27	47	58	52	53	42	40	31	42	40	46	38	48	52	41	38	44	47	44	41	39	53	54	52	58	67	43.8
	Minimum	15	27	30	24	5	7	23	27	34	33	27	30	18	20	27	22	29	24	41	17	14	26	30	38	37	19	24	39	44	38	41	26.7
Osceola	Maximum	56	35	39	42	39	35	28	49	60	59	55	45	41	35	41	41	42	43	48	58	32	37	45	51	46	45	35	50	54	54	63	45.2
	Minimum	16	17	28	23	5	6	10	22	30	38	29	28	16	18	25	30	27	25	28	16	11	19	23	26	37	17	21	25	38	37	38	23.5
Ozark	Maximum	32	33	42	35	24	31	50	66	60	54	46	43	46	49	46	45	34	38	49	47	49	50	49	43	44	42	54	50	55	56	66	46.1
	Minimum	15	26	25	21	4	8	17	21	24	28	23	34	28	16	31	30	23	24	26	28	31	32	30	39	36	20	25	40	45	33	32	26.0
Pine Bluff	Maximum	33	37	45	45	32	35	57	64	59	57	55	42	42	48	40	47	50	60	62	48	45	53	49	47	57	41	62	58	57	65	75	50.5
	Minimum	20	29	34	27	12	9	19	29	34	34	27	29	23	29	29	37	32	26	42	20	9	20	25	39	38	24	24	39	44	44	37	28.2
Pocahontas	Maximum	30	31	31	37	30	26	49	58	52	48	46	44	35	42	35	38	36	40	51	33	35	44	47	44	44	38	48	50	49	54	52	41.8
	Minimum	12	23	26	18	— 1	2	18	21	27	31	26	27	12	15	20	33	24	17	33	14	9	24	25	35	34	12	20	33	39	36	32	22.5
Portland	Maximum	40	40	44	45	40	33	54	60	62	60	50	62	47	49	44	45	50	58	55	55	49	46	51	54	56	51	59	65	59	68	72	52.4
	Minimum	25	30	36	29	19	11	20	26	33	35	28	33	29	23	35	41	34	31	46	25	19	21	34	39	40	29	26	35	46	42	35	30.8
Prescott	Maximum	33	35	46	43	38	35	55	60	56	56	53	50	45	50	45	46	47	56	60	53	43	50	46	47	57	49	62	60	61	67	71	50.8
	Minimum	20	29	33	26	15	8	20	26	39	32	26	31	23	20	33	37	31	29	42	23	16	22	40	41	42	26	25	41	46	37	38	29.6
Rison	Maximum	35	37	44	43	41	35	55	61	68	62	....	48	44	48	45	44	48	56	60	58	44	49	50	50	55	49	61	58	57	69	79	51.8
	Minimum	20	27	34	25	12	7	20	31	24	21	....	33	18	19	32	38	30	27	45	20	15	22	37	39	42	25	26	30	47	46	41	28.7
Rogers	Maximum	29	35	39	35	18	39	59	58	50	50	47	43	40	45	39	37	26	43	47	24	41	46	48	48	41	47	54	51	58	62	61	43.9
	Minimum	7	27	29	18	— 6	1	21	27	41	22	16	24	10	14	26	26	12	6	19	9	11	28	34	38	26	14	33	41	44	32	34	22.1
Searcy	Maximum	66	31	42	43	37	37	47	57	59	53	48	46	39	46	47	44	42	44	49	43	46	45	46	44	47	48	53	55	54	53	65	47.6
	Minimum	10	20	25	15	5	10	25	25	30	35	30	28	25	15	20	35	30	25	35	15	10	15	20	32	33	15	16	25	35	30	35	23.4
Stuttgart	Maximum	32	47	43	40	36	31	50	59	59	56	48	44	38	46	39	43	46	58	59	51	40	45	48	47	51	43	56	55	54	58	69	48.0
	Minimum	20	29	34	23	10	7	19	30	31	32	26	30	21	20	27	27	30	26	43	20	15	21	33	38	41	22	25	35	42	44	39	27.7
Subiaco	Maximum	31	32	44	39	26	36	....	64	54	56	49	42	43	54	43	58	40	48	49	36	46	52	45	44	44	45	53	64	58	62	67	47.5
	Minimum	15	25	22	23	6	7	.. ..	24	40	28	25	31	27	18	29	32	21	21	34	11	19	24	39	36	33	21	23	30	44	33	37	25.6
Texarkana	Maximum	33	38	50	45	35	32	59	60	57	57	54	54	50	53	42	50	41	61	60	49	42	52	48	52	52	54	63	63	64	68	72	51.9
	Minimum	22	30	33	27	18	12	31	28	44	32	26	35	25	22	35	39	30	30	48	24	17	25	43	43	43	28	30	44	50	37	37	31.9
Warren	Maximum	41	40	44	48	55	57	48	49	49	50	49	43	45	45	43	40	45	45	51	40	41	41	44	52	50	43	49	46	50	51	55	46.7
	Minimum	22	20	28	20	16	20	15	20	29	33	27	31	25	20	30	30	31	20	24	16	20	30	30	29	28	20	28	26	30	41	35	25.6
Wynne	Maximum	30	36	41	37	33	28	49	60	57	53	46	40	39	45	36	44	39	50	54	33	39	44	47	44	47	40	53	58	55	62	66	45.3
	Minimum	18	29	32	24	9	7	17	28	34	33	28	31	20	20	28	36	31	27	33	19	15	24	30	38	39	21	25	35	43	40	39	27.5

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., FEBRUARY, 1924. No. 2.

GENERAL SUMMARY.

Although the month as a whole was slightly above normal with regards temperature a Cold Wave during the first decade brought the lowest February temperature recorded since 1919. The month opened warm, temperatures being 10° to 20° above the seasonal average throughout the State, but by the 5th unseasonably cold weather had overspread the State and temperatures continued low until the 11th. During this period, temperatures of 16° to 18° were recorded to the southern border counties and — 7° at Gravette, Benton County. From the 12th to the 16th temperatures were again above normal while during the remainder of the month near or slightly below. The number of rainy days was normal, but the monthly totals were in most instances considerably below normal, the average for the State being only 2 26 inches or 1.02 inches below normal. Some plowing was done but frequent rains kept the soil too wet during most of the month. The Cold Wave the first of the month and the cool weather during the last decade kept most fruit dormant and at the close of the month no damage had occurred. Wheat and rye were usually in good condition, but oats were damaged by the freezing weather of the first decade and in many sections were reported in poor to fair condition. Dirt roads were bad during most of the month, impassable in many sections.

W. C. H.

TEMPERATURE.

The mean tempereature for the month of February, as determined from the records of 50 stations, was 42.9° which is 0.7° above normal, positive and negative departures occurring in all sections. The highest monthly mean was 48.2° at Huttig, the lowest, 37.6° at Dutton and Nail. The highest temperature recorded was 82° at Subiaco on the 14th, the lowest, — 7° at Gravette on the 6th. Extremes occurred on approximately these dates throughout the State. The greatest daily range was 50° at Mammoth Spring on the 2d and Evening Shade on the 13th.

PRECIPITATION.

The average precipitation for the State, as determined from the records of 70 stations, was 2.26 inches, which amount is a deficiency of 1.02 inches. The greatest monthly totals occurred in southeastern counties, the lighter in northwestern. The greatest monthly amount was 6.36 inches measured at Portland, the least, 0.60 inch at Fayetteville. A measurable amount of snow fell at 15 stations, averaging 1.7 inches. The greatest 24 hour precipitation was 2.52 inches at Lambrook on the 23d. The average number of days with 0.01 inch or more precipitation was 7.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Sleet:- 4th, 3; 5th, 3; 11th, 2; 22d, 4; 23d, 2; 26th, 2.
Thunderstorms:- 3d, 8; 4th, 17; 11th, 1.
Dense Fog:- 12th, 2; 16th, 1; 17th, 1; 18th, 2; 23d, 1.
Solar Halos:- 7th, 1.
Lunar Halos:- 28th, 1.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	30.07	30.57	8	29.36	4	3,938	25	nw.	29	.....	.....	50
Fort Smith...	30.13	30.59	21	29.33	3	6,037	32	nw.	5	77	59	46
Little Rock	30.13	30.64	8	29.36	3	6,849	40	sw.	3	74	58	44
Memphis....	30.13	30.62	8	29.40	4	5,939	41	sw.	4	76	61	63

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. 01 or more.
*Means and Extremes.	42.2		93	- 29	3.28		11	7	10	7
1891.....	46.5	+4.3	80	6	2.92	−0.36	10	9	9	8
1892.....	49.0	+6.8	85	18	3.47	+0.19	11	9	9	7
1893.....	42.4	+0.2	74	2	4.05	+0.77	9	6	13	8
1894.....	40.5	−1.7	75	0	6.32	+3.04	8	7	13	8
1895.....	33.5	−8.7	78	−17	0.71	−2.57	10	7	11	4
1896.....	45.2	+3.0	79	11	3.30	+0.02	15	6	8	6
1897.....	46.6	+4.4	89	8	2.59	−0.69	10	7	11	4
1898.....	45.8	+3.6	83	7	2.08	−1.20	15	5	8	5
1899.....	31.8	−10.4	76	−25	2.18	−1.10	12	6	10	6
1900.....	39.7	−2.5	74	− 5	5.06	+1.78	9	7	12	8
1901.....	40.8	−1.4	79	10	2.18	−1.10	10	7	11	6
1902.....	35.0	−7.2	72	− 2	2.60	−0.68	9	8	11	5
1903.....	41.0	−1.2	79	−12	7.63	+4.35	10	6	12	10
1904.....	44.9	+2.7	86	10	2.47	−0.81	12	8	9	5
1905.....	32.3	−9.9	82	−29	2.55	−0.73	9	6	13	7
1906.....	41.8	−0.4	75	− 7	2.21	−1.07	15	5	8	6
1907.....	44.9	+2.7	83	4	2.77	−0.51	12	6	10	6
1908.....	44.2	+2.0	78	0	5.26	+1.98	12	5	12	9
1909.....	47.3	+5.1	82	5	5.41	+2.13	13	6	9	8
1910.....	39.0	−3.2	75	−13	3.66	+0.38	11	6	11	7
1911.....	49.8	+7.6	87	7	4.31	+1.03	9	8	11	9
1912.....	37.9	−4.3	78	− 7	2.80	−0.48	12	8	9	6
1913.....	41.0	−1.2	82	5	3.74	+0.46	11	6	11	8
1914.....	40.4	−1.8	79	− 2	4.23	+0.95	11	7	10	7
1915.....	45.9	+3.7	76	11	4.47	+1.19	11	5	12	8
1916.....	43.4	+1.2	82	6	1.78	−1.50	14	4	11	5
1917.....	43.1	+1.2	89	− 4	1.93	−1.35	15	5	8	4
1918.....	44.4	+2.2	93	4	1.17	−2.11	12	6	10	4
1919.....	44.1	+1.9	80	−10	3.34	+0.06	13	4	11	8
1920.....	45.0	+2.8	79	− 2	1.26	−2.02	11	8	10	5
1921.....	48.3	+6 1	85	− 3	3.59	+0.31	15	5	8	6
1922.....	47 8	+5.6	84	10	4.89	+1.61	9	7	12	8
1923.....	41.9	−0 3	80	5	4.66	+1.38	11	4	13	8
1924.....	42.9	+0.7	82	− 7	2.26	−1.02	12	4	13	7

*Based on 30 years record.

Climatological Data for February, 1924.

Stations	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	186	28	.....	.....	.....	.....	.....	.....	.....	2.50	−1.97	0.75	0	6	10	0	19	ne.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	4.23	−0.27	2.30	T.	9	13	4	12	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	2.00	.....	0.75	0	6	13	6	10	se.	J. D Reeves.
Batesville	Independence	277	25	40.4	0.0	75	13	16	7†	42	2.88	−0.54	0.67	T.	9	14	0	15	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	32	39.2	− 2.9	70	13†	9	6	43	2.20	−1.43	0.67	T.	7	12	3	14	nw.	J. E. Scanlan.
Bentonville	Benton	1303	19	38.6	+ 0.1	73	14	2	6	34	1.76	−0.86	0.70	2.0	8	11	6	12	nw.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.61	+0.48	1.24	T.	9	15	1	13	.....	Vernon C. Howe.
Booneville	Logan	600	10	43.5	− 3.1	70	13	14	6	33	1.08	−0.99	0.62	0.4	6	11	5	13	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	44.5	+ 1.5	79	15	18	6	44	2.11	−1.85	0.46	T.	7	13	2	14	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	41.6[d]	0.0	76	2†	20[g]	22	47[g]	2.45	+0.06	0.84	0.2	8	10	7	12	w.	W. J. Copp.
Camden	Ouachita	158	39	44.0	− 3.0	76	14†	17	6†	44	3.81	−0.19	1.00	0	10	8	5	16	n.	A. B. Quarterman.
Center Point	Howard	470	25	44.9	− 1.3	77	13	15	6	46	1.75	−1.47	0.47	T.	8	9	5	15	ne.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	1.76	−2.03	0.40	T.	9	11	2	16	n.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	1.86	.....	0.78	T.	5	15	3	11	w.	Dr. R. M. Hunter.
Conway	Faulkner	309	41	43.2	− 0.1	74	13	15	6	44	2.58	−1.08	0.93	1.0	6	13	5	11	n.	E. E. Cordrey.
Corning	Clay	293	31	40.2	+ 2.5	70	3†	1[b]	6†	44	1.69	−1.82	0.50	T.	5	13	5	9	w.	Rev. N. E. Skinner.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	1.05	−0.97	0.32	0	5	16	0	13	w.	C. P. Evans.
Dardanelle	Yell	330	38	43.8	+ 0.2	73	3	16	6	39	1.05	−1.98	0.33	0	4	11	0	18	n.	J. D. Riley.
Dodd City	Marion	1175	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Neal Dodd.
Dumas	Desha	162	18	45.8	− 3.5	79	15	18	6	43	4.18	+0.13	1.52	0	12	8	9	12	n.	Ben Johnson.
Dutton	Madison	1590	21	37.6	− 1.5	70	13†	4	6	44	0.90	−2.02	0.49	1.0	6	12	4	13	w.	J. M. Ricketts.
El Dorado	Union	270	23	46.6	− 1.0	78	14	18	6	38	4.63	+1.29	1.68	0	11	10	4	15	ne.	J. J. Babb.
England	Lonoke	229	17	44.6	− 1.8	78	13	12	6	45	1.83	−2.35	0.63	T.	7	11	5	13	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	40.7	+ 0.9	75	14	3	6	36	1.70	−0.94	0.76	T.	5	11	7	11	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	41.2	.....	75	13	13	6	50	2.91	.....	1.00	0	6	14	3	12	s.	C. C. Price.
Fayetteville	Washington	1451	37	40.2	+ 0.9	72	14	3	6	36	0.60	−1.93	0.30	2.5	3	13	6	10	sw.	University of Arkansas.
Fort Smith	Sebastian	481	42	42.2	− 0.6	73	14	14	6	33	1.55	−1.27	0.72	T.	9	11	3	15	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	2.03	−0.97	0.53	0	7	13	1	15	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	1.92	−1.36	0.38	T.	8	15	3	11	n.	Arthur Lentz.
Grannis	Polk	900	6	42.8	.....	78	13	8	6	42	2.87	.....	0.79	0.3	10	12	3	14	n.	W. E. Mc Vay.
Gravette	Benton	1250	27	38.6	+ 0.8	74	14	− 7	6	42	1.65	−0.34	0.50	2.5	5	11	5	13	sw.	A. F. Stevens.
Harrison	Boone	1352	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Brooks.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	2.97	+1.25	1.42	0	.....	11	7	11	sw.	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	3.08	−1.63	1.10	T.	12	14	3	12	.....	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	2.08	.....	0.65	T.	7	14	7	8	w.	J. A. Ingram.
Hope	Hempstead	377	53	45.5[a]	− 2.1	73[a]	3	18[a]	6	37[a]	1.86	−2.18	0.72	T.	5	16[a]	3[a]	9[a]	n.	N. P. O'Neal.
Hot Springs	Garland	600	33	43.8	− 3.0	78	13	16	6	42	2.56	−1.66	0.55	T.	8	11	6	12	.....	P. P. Patraw.
Huttig	Union	175	17	48.2	− 3.5	76	13†	18	6	43	4.80	+0.66	1.00	0	8	11	2	16	nw.	J. L. Collett.
Jonesboro	Craighead	345	29	41.9	+ 0.4	73	15	15	6	42	1.85	−2.01	0.57	T.	6	13	5	11	ne.	Benedictine Sisters.
Junction	Union	182	30	46.8	− 0.3	76	3	16	5	43	4.62	+1.20	1.78	0	5	12	6	11	n.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	4.63	.....	2.52	0	7	14	6	9	.....	G. A. Newton.
Little Rock	Pulaski	286	45	44.1	− 0.8	76	13	15	6	37	1.64	−3.43	0.53	T.	9	10	3	16	n.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	27	42.1	− 1.1	71	13	9	6	34	1.37	−2.15	0.44	0	5	14	3	12	sw.	H. Kauffeld.
Magnolia	Columbia	315	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Agri. School.
Malvern	Hot Springs	277	37	45.0	− 1.9	79	13	15	6	48	2.38	−1.12	0.85	0	7	10	2	17	ne.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	39.8	+ 0.4	74	2	12	6	50	2.82	+0.18	1.22	2.0	7	12	4	13	n.	F. M. Daniel.
Marianna	Lee	235	16	44.2	− 0.8	78	15	18	6	42	1.74	−2.18	0.64	0	8	6	13	10	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	40.9	− 3.1	77	14	18	5†	38	2.21	−1.25	0.58	T.	8	13	7	9	se.	Charles Walton
Marshall	Searcy	1083	10	42.0	− 1.0	72	13	12	6	36	1.73	−0.49	1.00	T.	8	12	8	9	nw.	W. F. Reeves.
Mena	Polk	1185	38	42.4	− 1.2	77	14	11	6	33	1.15	−2.06	0.36	0.2	9	13	6	10	n.	E. W. St. John.
Morrillton	Conway	347	3	44.8	.....	74	13	18	6	42	1.78	.....	0.50	T.	7	11	6	12	w.	W. C. Jackson.
Mountain Home	Baxter	800	11	39.6	− 2.4	75	2	7	6	49	1.52	−0.86	0.92	6.0	6	13	0	16	w.	B. S. Halbert.
Mount Ida	Montgomery	730	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	2.85	+0.46	0.61	0	8	10	3	16	.....	Henry A. Davis.
Nail	Newton	2233	28	37.6	+ 0.8	69	13	5	6	33	1.62	−1.21	0.80	1.0	5	9	5	15	n.	Charles Paxton.
Newport	Jackson	231	40	43.0	+ 2.5	75	13†	17	6	44	1.41	−2.21	0.46	T.	8	13	5	11	nw.	Geo. L. Robinson.
Osceola	Mississippi	240	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	W. W. Prewitt.
Ozark	Franklin	450	28	43.0	+ 0.1	74	13†	15	6	42	1.60	−0.93	0.64	T.	5	5	8	16	e.	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	1.60	−1.39	0.50	0	5	18	0	11	n.	W. E. Baker.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	1.48	.....	0.76	T.	6	12	6	11	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	45.4	0.0	79	13	17	6	46	2.59	−1.41	0.55	T.	7	11	3	15	nw.	Miss Theares Scheu.
Pocahontas	Randolph	300	30	40.5	+ 0.1	71	13	14	7	44	3.10	−0.17	1.40	1.5	5	13	4	12	s.	Benedicitine Sisters.
Portland	Ashley	122	18	47.6	− 0.9	77	15	21	6	38	6.36	+2.07	1.83	T.	7	12	4	13	n.	W. E. Edmiston.
Prescott	Nevada	329	36	46.2	− 0.1	76	13	17	6	40	2.36	−1.16	0.63	T.	8	10	6	13	n.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	2.00	−1.84	0.75	0	4	9	2	18	.....	Foote Coleman.
Rison	Cleveland	243	23	45.8	+ 1.4	77	13	16	6	42	2.17	−0.97	1.00	0	5	11	3	15	sw.	Geo. H. Tisdale.
Rogers	Benton	1385	34	39.6	+ 1.3	74	14	10	7	43	0.84	−1.04	0.61	1.7	5	13	4	12	nw.	Carl A. Starck.
Searcy	White	236	11	43.2	− 2.6	73	13†	10	6	45	0.90	−2.65	0.20	T.	7	12	0	17	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	3.71	+0.04	1.00	T.	9	10	1	18	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	43.6	− 0.6	75	13†	17	6	44	2.05	+1.56	0.73	T.	8	13	6	10	sw.	H. A. Buerkle.
Subiaco	Logan	1050	27	44.7	+ 2.3	82	14	9	6	41	0.94	−1.75	0.39	T	5	14	3	12	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	47.2	− 0.6	77	13	18	6	40	2.28	−0.72	0.58	T.	8	11	3	15	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	1.14	.....	0.40	3.1	7	9	3	17	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. W. L. Hartsell.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	1.30	−1.72	0.60	T.	3	15	0	14	sw.	Nannie O. Schirmer
Wynne	Cross	250	18	43.5	− 0.3	76	15	18	6	42	1.82	−1.72	0.50	T.	8	10	6	13	n.	E. O. Allen.
State Means and Extreme				42.9	− 0.7	82	14	− 7	6	50	2.26	−1.02	2.52	1.7	7	12	4	13	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. **T.** Precipitation is less than 0.01 inch rain or melted snow. †Received too late to be included in means and summaries. Reference letters [a],[b],[d], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for February, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia ‖‖	Ouachita				.10								.60					.45		.75	.10				.50								2.50
Arkansas City ‖	Mississippi				T.		T.					.26						.07		.30	.28			.01	2.30	.16	.40	.45					4.23
Arlberg	White				.35							.75					.20	.30		.30				.10									2.00
Batesville ‖‖	White				.64	.28	.02					.28	.18					.67	T.	.06	44			.31									2.88
Bee Branch	Arkansas				.67							.37					.25	.28	.08	.37				.18									2.20
Bentonville ***	Arkansas			.18	.39	.02				T.	.02	.68				.08	.38		T.		T.		T.	.01	T.								1.76
Black Rock ‖‖	White				1.24	.25	T.					.58	.44					.06	.04	.02	.55			.43									3.61
Booneville	Arkansas				.04	T.					.05	.62				T.	.26		T.	.05			.06										1.08
Brinkley ‖	White				.32	T.	T.					.32						.14	.24	.46				.50			.13						2.11
Calico Rock ‖	White				.27	.22						.84	.15					.39	T.	.08	.21			.29									2.45
Camden ‖	Ouachita				.27								.42					.18	1.00	.31	.05			.30	.93		.21	.14					3.81
Center Point	Red				.07	T.		T.		T.		.14					.40		.20	.47			.01	.44		.02	T.						1.75
Clarendon ‖	White				.12	.02	T.						.28					.09		.27	.27			.40	.28		.03						1.76
Clinton	White				.26	T.						.78					.30		T.	.36				.16									1.86
Conway	Arkansas				.93					T.		.32					.54		.16	.47				.16									2.58
Corning	White				.10	T.						.50						.28		.39				.42									1.69
Danville ‖	Arkansas											.32						.25		.30	.10			.08									1.05
Dardanelle	Arkansas				.14								.33					.32		.26													1.05
Dodd City	White																																
Dumas	Arkansas				.25						.05	.32	.05					.20	.31	.35				1.52	.25	.02	.83	.03					4.18
Dutton	White					.02					T.						.49	.19	.05	.11				.04									0.90
El Dorado ‖	Ouachita				.10						.10		.58					.30	.16	.56	.11			.35	1.68	.04	.65						4.63
England	Arkansas				.14	T.					T.	.33					T.	.21	.17	.30			T.	.63	T.		.05						1.83
Eureka Springs	White				.35	T.						.76					.25	.24	.10														1.70
Evening Shade	White				.75							1.00					.26	.13		.35				.42									2.91
Fayetteville	White				.30	.20											.10		T.														0.60
Fort Smith ***	Arkansas			.08	.01	T.				.01	T.	.72				.01	.57		T.	.03			.05	.07									1.55
Fulton ‖	Red												.53				.06	.20	.08	.52	T.			.45	.20								2.04
Georgetown ‖	White				.38	T.	T.					.07	.32					.27	T.	.30	.24		.27		.07								1.92
Grannis	Red				.12	.10		T		.03	.02	.79					.76	.02	.30	.25			T.	.48									2.87
Gravette	Arkansas				.40	.15				T.		.45				T.	.50	.15	T.					T.									1.65
Heber Springs	White				1.42							.51					*	*	*	*	.98			.06									2.97
Helena	Mississippi				.14	.04	.02					.02	.20					.28		.26	.34			.06	1.10		.02	.60						3.08
Higden	White			.62	.02							.35					.65		.06	.32			.06										2.08
Hope	Red					T.					T.	.60				T.	.15			T.	.27		.12	.72									1.86
Hot Springs	Ouachita				.35	T.		T.			.02	.42					.28	.29	.24	.55			T.	.41		T.							2.56
Huttig	Ouachita											.40	.20					.30	1.00	.20				.80	1.00		.90						4.80
Jonesboro	White				.14	T.						.57					T.	.20	.08	.53	T			.33									1.85
Junction	Ouachita											.70					.41			1.23			T.	1.78		.50							4.62
Lambrook ‖	White				.28	T.						.27						.10	.39	.32				2.52			.75						4.63
Little Rock ***	Arkansas			.06	T.	T.				.01		.27				T.	.27	.08	.19	.38			.01	.37									1.64
Lutherville	Arkansas											.44					.30	.20		.26				.17									1.37
Magnolia	Red																																
Malvern	Ouachita				.10								.30					.85		.40	.35			.26	.12								2.38
Mammoth Spring	White					1.22						.52					.09	.45		.27				.27									2.82
Marianna	Mississippi				.11							.21							.13	.38	.02			.64	.11		.14						1.74
Marked Tree ‖	Mississippi	T.			.24	T.	T.				T.	.04	.58			T.		.37	T.	.28	.38			.29	.03			T.					2.21
Marshall	White				.12	.02						1.00						.11	10	.02	.30			.06									1.73
Mena ‖	Ouachita				.12	.06	T.					.29	.14				.02		T.	.36	.01			.12		.03							1.15
Morrillton	Arkansas				.50	T.					.02	.30					.33		.10	.45				.08									1.78
Mountain Home	White				.10							.92					.10	.05	T	.17				.18									1.52
Mount Ida	Ouachita																																
Murfreesboro	Ouachita				.12							.61						.47	.43	.23				.31	.27		.41						2.85
Nail	White				T.	.07						.80					.40	.15						.20									1.62
Newport ‖	White				.46	.06						.07	.22					.12		.21	.11			.16									1.41
Osceola ‖	Mississippi																																
Ozark	Arkansas				.08							.63				T.	.64		.01					.24									1.60
Patterson ‖	White				.30								.46					.15		.50				.25									1.60
Pindall	White				.20	T.						.76					.18	.12		.16				.06									1.48
Pine Bluff ‖	Arkansas				.12	T.							.55					T.		.45	.27			.45	.55		.20	T.					2.59
Pocahontas	White					1.40						.70						.15		.40				.45									3.10
Portland ‖	Ouachita											.28						.31	.96	.21				1.83	1.12		1.65						6.36
Prescott	Ouachita				.03	T.	T.				.09		.51				T.	.44		.63	.05			.40	.21								2.36
Princeton ‖	Ouachita				.75							.50								.40								.35					2.00
Rison	Ouachita											.45						.19	.23	.30			T.	1.00									2.17
Rogers	Arkansas				.13	.04	T.			T.		.06				T.	.39	.22			T.													0.84
Searcy	White				.10	T.						.10					.15	.10	.20	.15				.10									0.90
Snow Lake	Mississippi																																
Springbank ‖	Red				T.		T.				T.		.80				.05	.32	.25	.52	.06			.35	1.00		.36						3.71
Stuttgart	Arkansas				.27	.01						.24						.05	.28	.28				.73			.19						2.05
Subiaco	Arkansas					T.						.39					.17	.06		.20				.12									0.94
Texarkana ‖	Red					T.					.18		.52				.12	.17	.12	.58				.40	.13								2.22
Waldron	Arkansas				.06	.10					.08	.40					.22	T.	.08	T.				T.			.20						1.14
Wiren	Ouachita																																
Whitecliffs	Red					T.							.60					.40	.30						T.								1.30
Wynne ‖	Mississippi	T.			.18	.02	T.				T.	T.	.50					.22		.21	.30			.31	.08			T.					1.82

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for February, 1924.

Stations	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.9	8.5	8.2	8.0	7.8	7.6	7.5	7.8	8.4	8.5	7.8	7.6	10.8	12.7	13.0	12.5	12.2	11.5	11.3	13.0	13.5	12.8	12.3	9.4	9.1	8.9	8.4	8.0	7.7		
Dardanelle	do	20	7.4	7.4	7.2	7.0	6.4	6.0	5.8	5.6	6.6	6.5	6.2	5.8	6.3	9.0	10.6	10.7	10.0	9.9	9.9	10.5	12.2	11.6	10.0	8.6	7.5	6.8	6.5	6.0	5.8		
Little Rock	do	23	7.4	6.8	6.4	6.0	5.8	5.8	5.6	5.2	4.6	5.0	5.3	5.1	4.6	4.8	7.0	9.6	10.0	9.6	9.4	9.4	10.0	11.5	11.5	9.8	8.0	7.0	6.0	5.5	5.0		
Pine Bluff	do	25	12.2	11.5	11.0	10.8	10.7	10.4	10.4	9.9	9.4	9.2	9.6	9.8	9.2	9.6	9.8	11.7	13.4	13.7	13.3	13.2	13.3	14.2	15.1	14.5	13.2	12.1	11.1	10.4	9.9		
Black Rock	Black	14	4.5	4.5	4.5	5.7	7.5	7.7	7.0	6.5	6.0	5.8	6.0	6.5	6.8	6.6	6.2	5.8	5.7	5.7	5.7	5.7	5.7	5.6	6.0	6.1	6.3	6.4	6.4	6.4	6.0		
Calico Rock	White	18	2.8	2.9	2.6	2.9	3.0	2.3	1.8	2.6	2.8	2.0	2.0	2.5	2.4	2.9	2.9	3.4	3.4	3.5	3.4	3.7	3.6	3.6	3.6	3.5	3.5	3.2	3.1	3.0	2.4		
Batesville	do	23	8.6	8.5	8.5	9.5	9.2	8.8	8.1	7.3	8.5	8.3	7.7	8.8	8.9	8.4	8.7	9.0	9.3	9.3	9.3	9.6	9.6	9.5	9.5	9.5	9.4	9.3	9.0	8.8	8.5		
Newport	do	26	6.2	6.2	6.1	6.0	6.0	6.2	6.1	6.0	5.9	5.7	5.6	5.4	5.5	5.8	6.0	6.2	6.4	6.5	6.6	6.4	6.7	6.8	6.8	6.7	6.7	6.5	6.5	6.4	6.4		
Georgetown	do	22	9.4	9.4	9.2	9.0	9.4	10.2	11.0	11.0	10.6	10.0	9.8	9.6	9.5	10.4	10.8	10.8	10.6	10.7	10.8	11.4	11.5	11.8	11.9	11.9	11.9	11.9	11.7	11.5	11.2		
Clarendon	do	30	20.4	20.3	20.2	20.1	19.9	19.7	19.6	19.6	19.7	19.5	19.2	18.9	18.6	18.4	18.3	18.4	18.5	18.5	18.5	18.6	18.8	19.0	19.2	19.5	19.7	19.9	20.0	20.0	20.0		
Helena	Mississippi	42	36.0	34.3	32.2	30.3	28.5	26.7	25.0	23.8	23.1	22.8	22.8	22.7	22.5	22.2	21.9	21.6	21.4	21.2	21.1	21.2	21.4	21.7	22.2	22.9	24.2	25.6	27.3	28.8	30.3		
Arkansas City	do	48	43.6	42.9	42.0	40.9	39.4	38.0	36.3	34.6	32.8	31.7	30.8	30.3	29.6	29.1	28..	28.2	27.7	27.4	27.4	27.4	27.5	27.6	27.9	28.6	29.4	30.3	31.2	32.0	32.9		
Camden	Ouachita	49	18.7	18.0	17.2	16.5	16.2	15.9	14.4	12.5	11.9	11.4	10.9	10.0	9.8	9.6	9.2	9.0	10.2	10.0	9.6	9.6	14.2	16.4	17.8	17.8	17.5	17.5	18.1	17.2	16.8		
Danville	Petit Jean	20	7.0	6.5	6.3	5.5	5.3	5.1	4.8	4.5	4.4	4.4	4.4	4.3	4.3	4.2	4.1	4.0	4.0	4.0	4.1	4.1	4.0	4.0	5.0	4.8	4.7	4.7	4.6	4.5	4.3		
Fulton	Red	28	16.0	15.2	14.2	13.5	12.7	12.3	11.9	11.6	11.2	11.0	10.8	10.7	10.7	11.2	11.7	12.0	12.3	12.4	12.8	13.8	14.4	14.5	14.0	13.4	13.1	12.7	12.3	11.9	11.6		
Arkadelphia	Ouachita	18	3.7	3.3	2.9	2.7	2.7	2.4	2.3	2.0	1.8	1.5	1.4	1.6	1.9	1.9	1.8	1.5	2.0	2.3	2.6	4.2	3.8	3.8	3.5	3.8	3.6	3.0	2.7	2.5	2.3		
Patterson	Cache	9	7.3	7.2	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.9	7.1	7.3	7.3	7.3	7.2	7.1	7.0	7.3	7.5	7.5	7.5	7.4	7.2	7.1	7.0	7.0	7.4	7.7		

Daily Temperatures for February, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	57	69	69	52	26	36	41	45	46	49	46	58	75	70	74	52	52	38	37	41	41	49	49	50	45	54	59	63	66	....	....	52.0
	Minimum	37	27	27	43	25	17	16	16	17	22	31	28	26	26	34	47	46	36	36	34	20	20	27	32	32	32	31	23	23	....	....	28.7
Bee Branch	Maximum	65	62	64	64	34	32	35	46	47	47	45	58	70	70	67	61	52	42	39	40	41	41	43	43	41	47	55	55	63	....	....	50.7
	Minimum	35	28	41	29	15	9	15	19	21	29	32	27	27	40	38	41	37	32	32	28	12	19	30	30	30	27	29	25	27	....	....	27.7
Bentonville	Maximum	54	70	66	46	18	24	36	51	48	43	42	60	69	73	67	56	50	37	36	32	38	41	46	35	43	48	53	56	63	..	....	48.3
	Minimum	35	38	46	18	7	2	14	20	34	28	33	27	38	39	53	49	33	33	29	22	16	30	32	27	30	23	23	27	35	....	....	29.0
Booneville	Maximum	63	57	64	61	29	28	35	50	51	52	48	61	70	68	64	61	58	51	45	43	42	48	46	48	50	59	56	63	67	..	....	53.0
	Minimum	38	38	44	29	15	14	20	27	28	34	36	33	37	48	52	49	41	38	37	31	22	35	33	34	35	31	30	38	39	....	....	34.0
Brinkley	Maximum	63	70	70	66	39	39	36	49	49	49	46	62	76	73	79	68	64	50	38	43	42	46	43	51	45	43	57	63	67	....	....	54.7
	Minimum	41	32	51	39	24	18	20	24	27	35	37	32	32	41	44	55	50	38	36	33	24	24	37	38	35	33	32	26	36	....	....	34.3
Calico Rock§§	Maximum	55	76	71	49	26	34	41	50	47	43	47	60	74	72	76	49	50	39	39	40	43	43	43	48	47	52	59	64	70	....	....	52.0
	Minimum	38	34	34	43	26	....	....	....	....	....	....	....	27	28	32	38	45	36	35	34	22	20	26	36	34	30	24	23	23	....	....	31.3
Camden§§	Maximum	64	73	72	45	30	44	43	56	58	52	52	63	76	76	74	63	53	44	45	46	47	44	44	56	45	48	61	58	66	....	....	55.1
	Minimum	35	32	32	43	25	17	17	24	25	32	43	33	32	34	40	48	47	42	39	31	24	24	35	39	40	32	33	27	28	....	....	32.9
Center Point	Maximum	64	73	70	63	31	43	43	52	53	51	48	64	77	72	66	61	59	47	44	47	45	42	45	55	46	54	60	54	67	....	....	55.0
	Minimum	39	34	50	30	20	15	24	27	37	43	41	29	36	49	44	55	42	40	40	33	22	34	36	32	37	34	34	31	21	....	....	34.8
Conway	Maximum	57	73	72	67	33	37	38	49	49	50	45	61	74	73	73	62	58	46	41	45	42	41	43	53	46	52	60	62	70	....	....	54.2
	Minimum	35	30	49	31	21	15	17	20	25	34	37	32	30	38	40	51	45	37	37	34	23	22	35	40	38	33	33	26	30	....	....	32.3
Corning	Maximum	59	68	70	65	44	31	39	40	48	43	57	70	66	68	56	60	40	36	41	46	44	44	45	46	45	56	62	63	69	....	....	51.6
	Minimum	37	27	48	39	22	15	15	18	22	29	30	27	26	34	36	42	37	33	31	28	18	20	31	32	28	28	28	24	28	....	....	28.7
Dardanelle	Maximum	58	72	73	64	46	38	38	47	45	47	48	50	62	61	64	60	58	58	54	50	49	49	49	52	49	52	56	58	61	....	....	54.1
	Minimum	34	33	49	33	20	16	20	24	31	34	34	33	34	38	42	39	38	36	36	33	32	35	34	34	36	37	33	34	38	....	....	33.4
Dodd City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dumas	Maximum	68	72	73	66	37	42	38	48	58	56	53	60	76	75	79	67	62	52	52	42	41	46	43	52	50	42	55	60	68	..	....	56.3
	Minimum	37	34	48	37	25	18	23	25	26	41	42	34	33	41	43	54	51	42	38	35	25	23	37	40	38	33	35	28	35	....	....	35.2
Dutton	Maximum	55	67	65	58	31	29	39	52	44	47	41	58	70	70	62	69	54	39	39	34	39	37	43	39	42	49	55	56	61	....	....	49.8
	Minimum	33	21	40	25	11	4	10	15	27	27	34	23	26	29	36	45	33	32	32	25	15	21	32	26	30	24	21	18	24	....	....	25.5
El Dorado	Maximum	66	74	71	67	34	46	42	56	59	52	56	62	75	78	75	66	61	51	45	44	48	44	45	52	50	44	58	62	66	....	....	56.9
	Minimum	40	36	51	33	25	18	26	32	31	44	45	36	40	40	44	46	48	43	39	32	27	33	38	39	39	32	36	29	33	....	....	36.4
England	Maximum	61	74	74	65	44	41	35	50	49	52	44	60	78	73	72	64	62	48	41	45	43	41	42	51	48	49	57	63	69	....	....	55.0
	Minimum	37	34	50	34	23	12	23	25	28	37	39	35	33	43	42	54	47	38	37	33	25	25	37	40	37	33	35	28	32	....	....	31.3
Eureka Springs	Maximum	59	73	69	63	27	28	40	54	49	45	46	63	72	75	70	61	54	36	36	36	41	41	44	41	47	51	58	59	65	....	....	51.9
	Minimum	34	43	54	25	12	3	13	18	34	27	32	29	40	40	56	45	33	32	31	25	15	28	23	26	29	22	22	27	38	....	....	29.5
Evening Shade	Maximum	62	71	71	66	37	33	42	47	45	50	46	60	75	70	72	65	53	53	38	42	42	44	42	45	47	50	60	64	71	....	....	53.9
	Minimum	40	25	51	37	20	13	14	16	21	29	31	31	25	31	33	42	33	34	32	32	18	17	32	31	31	29	29	21	25	....	....	28.4
Fayetteville	Maximum	57	70	67	58	25	27	35	51	54	47	46	60	70	72	66	61	45	45	40	38	38	39	44	44	43	48	54	57	62	....	....	50.6
	Minimum	33	36	52	25	10	3	14	20	32	28	35	32	37	36	55	45	33	36	32	25	17	29	34	27	30	21	25	25	37	....	....	29.9
Fort Smith	Maximum	56	69	70	51	25	29	37	49	46	47	46	60	69	73	62	59	49	42	43	40	40	44	46	42	48	53	57	57	65	....	....	50.8
	Minimum	35	36	51	25	16	14	21	26	34	35	37	31	38	44	50	49	39	38	34	30	24	34	36	31	37	31	32	32	35	....	....	33.6
Grannis	Maximum	61	76	71	62	26	49	44	52	48	48	47	64	78	71	72	58	58	43	43	42	46	40	45	50	40	50	59	55	61	....	....	53.8
	Minimum	38	34	34	26	15	8	22	19	32	39	39	28	36	45	41	51	39	37	37	30	21	32	33	31	33	30	32	29	29	....	....	31.7
Gravette	Maximum	55	73	65	59	25	25	37	53	47	44	45	62	70	74	68	62	57	38	38	34	38	41	47	45	43	49	54	56	64	....	....	50.6
	Minimum	24	31	53	25	11	− 7	7	16	31	27	34	23	30	32	55	49	34	32	31	25	14	23	34	21	30	22	17	19	30	....	....	26.7
Hope	Maximum	65	....	73	63	32	42	55	52	58	51	47	65	75	74	70	63	60	47	45	48	46	43	42	55	49	55	60	55	65	....	....	55.5
	Minimum	39	....	44	32	22	18	25	27	31	45	42	33	38	41	48	55	44	40	40	28	25	35	37	37	39	36	32	29	32	....	....	35.5
Hot Springs	Maximum	63	71	68	66	30	37	38	52	48	52	49	63	78	73	68	59	58	45	42	45	45	41	42	54	50	53	60	58	66	..	....	51.3
	Minimum	35	34	48	30	19	16	20	23	29	35	39	31	36	40	44	53	42	38	38	33	23	26	35	37	37	34	31	28	34	....	....	33.4
Huttig	Maximum	70	75	75	71	40	48	46	56	63	61	60	63	76	75	76	76	65	53	46	44	48	49	50	48	47	43	58	59	68	....	....	58.9
	Minimum	40	32	52	39	28	18	25	30	32	46	47	33	37	38	41	55	51	41	40	33	28	30	40	44	41	34	38	28	31	....	....	37.4
Jonesboro	Maximum	56	68	71	64	38	34	40	41	46	46	42	57	72	68	73	58	60	42	37	41	39	47	43	50	42	42	53	61	67	....	....	51.7
	Minimum	42	31	49	37	23	15	17	21	24	33	34	33	30	43	42	47	42	27	34	32	21	22	33	35	31	32	33	29	39	....	....	32.1
Junction	Maximum	73	74	76	66	38	43	61	64	68	64	66	72	73	75	73	66	48	45	44	45	47	45	47	52	48	41	57	61	65	....	....	58.6
	Minimum	30	31	37	25	16	20	29	41	38	36	38	31	42	50	48	47	42	43	40	31	28	38	41	38	37	35	36	26	28	..	....	35.0
Little Rock	Maximum	56	70	69	54	31	39	38	46	49	48	43	60	76	70	70	62	59	42	41	42	42	43	43	49	42	49	58	59	66	....	....	52.3
	Minimum	40	37	51	31	20	15	24	29	31	38	37	35	39	51	51	56	42	37	37	31	25	30	36	40	36	34	36	35	37	....	....	35.9
Lutherville	Maximum	59	70	70	62	33	32	38	49	45	47	44	57	71	70	65	60	56	42	44	41	40	38	45	48	45	50	60	57	63	....	....	51.8
	Minimum	34	38	48	30	12	9	17	24	28	32	35	27	38	45	46	50	41	35	36	30	20	28	32	35	35	30	35	33	36	....	....	32.4
Malvern	Maximum	67	71	71	69	34	40	40	53	49	54	50	65	79	75	69	63	60	48	43	47	46	46	43	58	58	54	61	59	67	....	....	56.5
	Minimum	33	31	42	41	23	15	20	23	27	40	40	31	31	36	38	53	46	39	37	35	24	25	36	39	39	35	36	26	29	....	....	33.4
Mammoth Spring	Maximum	60	74	70	68	40	31	38	41	46	49	52	56	70	69	68	58	48	38	35	39	39	41	41	43	47	50	57	60	64	..	....	51.4
	Minimum	40	24	39	38	22	12	13	16	24	29	32	26	26	31	33	42	37	31	33	31	20	17	32	34	30	28	28	22	22	....	....	28.1
Marianna	Maximum	62	68	72	69	42	36	36	43	50	50	48	56	72	70	78	67	62	63	42	43	41	46	44	50	50	43	54	60	60	....	....	54.4
	Minimum	39	34	38	39	25	18	21	24	27	41	40	33	30	41	45	54	38	39	37	35	24	24	38	39	35	32	36	28	35	....	....	34.1
Marked Tree §§	Maximum	66	70	54	28	34	42	42	49	50	41	55	71	68	77	63	61	40	38	40	40	48	41	49	41	41	54	61	68	55	....	....	51.4
	Minimum	32	32	40	25	18	18	21	20	21	29	31	33	37	41	41	50	37	35	33	32	23	25	35	33	32	33	32	28	33	....	....	30.4
Marshall	Maximum	57	71	68	62	34	32	37	44	49	41	44	57	72	71	70	62	54	38	36	36	38	41	46	48	48	48	55	61	68	....	....	51.1
	Minimum	40	47	50	34	17	12	18	21	28	30	34	32	36	44	55	50	38	34	33	30	18	28	34	34	34	27	26	28	40	....	....	32.8
Mena	Maximum	59	60	68	52	36	36	38	38	46	56	50	62	63	77	70	63	58	58	41	39	45	40	43	45	40	49	55	55	65	....	....	51.9
	Minimum	35	38	38	36	14	11	25	22	33	36	46	30	37	47	50	50	39	37	38	30	22	26	35	30	33	30	31	28	32	....	....	32.9
Morrillton	Maximum	65	71	70	67	44	36	38	47	50	50	54	61	74	70	70	64	57	55	46	48	42	43	45	54	48	51	59	61	68	....	....	55.4
	Minimum	37	33	52	31	21	18	22	23	29	35	37	35	32	40	42	52	44	38	38	34	25	26	35	38	37	33	35	32	37	..	....	34.2
Mt. Home	Maximum	66	75	72	63	35	31	41	48	48	49	46	59	74	72	74	61	47	38	36	39	40	41	45	46	46	52	57	61	68	....	....	52.8
	Minimum	36	26	46	31	13	7	12	13	23	25	30	30	26	31	41	42	34	31	30	22	15	17	30	32	28	23	24	21	25	....	....	26.4
Mount Ida	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nail	Maximum	53	52	67	57	24	29	38	50	38	45	40	55	69	60	67	58	52	50	43	34	39	39	40	40	38	37	40	57	60	....	....	47.3
	Minimum	30	30	40	24	10	5	11	21	26	26	31	30	46	43	42	48	40	30	29	23	13	24	25	26	23	20	27	36	35	....	....	28.0
Newport	Maximum	55	67	70	67	37	36	40	41	43	47	46	57	75	70	75	70	60	47	39	42	40	46	45	42	43	46	58	64	69	....	....	53.0
	Minimum	44	32	47	35	25	17	20	24	25	36	36	32	51	44	48	46	45	39	35	34	23	25	27	30	33	33	33	28	33	....	....	33.1
Osceola	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	Maximum	67	70	71	69	34	34	39	51	47	49	48	61	74	74	63	60	59	44	46	45	42	41	50	48	50	53	56	61	66	....	....	54.1
	Minimum	34	32	32	30	17	15	17	23	32	31	35	29	32	35	41	42	40	38	35	30	23	24	35	31	38	40	40	38	30	....	....	31.8
Pine Bluff	Maximum	62	75	74	66	35	44	45	50	55	54	46	69	78	69	75	67	63	49	45	49	49	44	44	55	45	46	61	63	70	....	....	56.9
	Minimum	37	32	51	35	24	17	25	25	26	32	32	34	33	42	41	45	49	42	40	31	26	24	34	38	37	32	32	26	38	....	....	34.0
Pocahontas	Maximum	63	65	67	67	39	33	40	41	40	49	48	55	71	65	66	57	57	43	35	39	40	42	40	45	45	48	58	60	68	....	....	51.2
	Minimum	41	28	40	42	23	15	14	18	22	32	32	30	27	32	32	45	43	31	33	31	26	20	32	34	31	30	31	25	28	....	....	29 8
Portland	Maximum	69	70	71	69	40	43	44	52	61	58	58	53	74	72	77	70	64	56	44	45	43	45	48	46	46	42	55	60	64	....	....	56.7
	Minimum	42	33	50	39	38	21	26	22	36	45	45	38	35	49	45	58	54	44	40	36	29	28	39	41	40	38	38	30	36	....	....	38.4
Prescott	Maximum	67	74	72	69	33	42	42	53	56	55	50	61	76	75	71	65	60	52	45	49	46	45	42	56	51	55	60	57	66	....	....	56.9
	Minimum	38	31	52	32	22	17	24	25	30	42	41	31	37	44	46	57	44	41	39	35	24	31	37	37	39	36	34	29	31	....	....	35.5
Rison	Maximum	67	73	72	67	37	42	40	52	55	55	49	63	77	75	76	67	63	49	43	46	47	43	43	51	49	45	57	59	68	....	....	56.3
	Minimum	38	33	50	36	23	16	23	21	29	40	40	33	38	41	49	54	48	40	37	34	24	25	36	38	38	31	33	37	35	....	....	35.3
Rogers	Maximum	55	71	67	61	26	25	35	51	49	46	44	60	71	74	70	63	57	38	37	34	39	41	45	42	44	50	55	59	67	....	....	50.9
	Minimum	31	29	55	26	12	12	10	16	34	28	34	25	28	31	54	47	34	33	32	26	16	25	34	27	33	24	20	20	27	....	....	28.3
Searcy	Maximum	68	66	70	65	56	55	51	47	45	47	47	59	73	71	73	65	57	51	49	48	41	46	42	49	48	46	57	62	65	....	....	55.8
	Minimum	38	35	35	40	25	10	15	15	20	36	35	25	32	35	35	45	40	35	35	32	20	20	35	35	35	33	30	30	30	....	....	30.6
Stuttgart	Maximum	60	69	70	65	36	40	35	46	50	49	43	59	75	71	75	65	61	49	41	44	40	44	42	53	44	43	55	61	67	....	....	53.5
	Minimum	38	35	47	35	23	17	21	23	27	35	38	31	31	39	40	55	49	39	37	32	22	25	37	38	36	32	33	27	34	..	....	33.7
Subiaco	Maximum	60	71	73	65	32	34	40	63	64	49	48	62	75	82	67	65	60	43	47	43	44	42	49	59	47	54	61	61	69	....	....	56.2
	Minimum	35	33	57	29	18	9	20	22	28	34	36	33	34	42	46	52	40	37	38	32	22	31	35	33	36	34	30	30	37	....	....	33.2
Texarkana	Maximum	68	72	73	67	33	43	45	60	60	57	49	65	77	76	71	69	65	49	45	45	49	42	45	55	49	55	65	55	66	....	....	57.6
	Minimum	43	37	53	32	23	18	21	29	35	42	45	35	37	41	50	57	43	43	40	32	23	39	39	39	40	37	29	31	31	....	....	36.7
Warren	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	Maximum	61	68	70	69	39	36	38	48	47	48	43	57	74	69	76	67	60	49	40	42	40	47	41	49	46	43	54	60	66	....	....	53.3
	Minimum	39	32	50	39	24	18	19	22	26	35	37	28	32	39	44	54	48	38	36	34	23	23	37	40	34	34	33	26	34	..	....	33.7

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, Ark., MARCH, 1924. No. 3.

GENERAL SUMMARY.

The outstanding characteristics of the weather in Arkansas during March were the low temperatures, deficient rainfall, heavy snowfall, and the high winds on the night of the 28th. The mild temperature with which February closed continued until the 5th of March when cooler weather overspread the State continuing until the 24th. During this period the temperature averaged about 11° below normal and near the 10th and 20th was 16° to 20° below with minima of 5° to 8° recorded in the northwestern counties. Lower March temperatures have been recorded in this State but 5 times in the past 34 years and in only 3 years has the monthly mean been lower. Frequent frosts and low temperatures held all vegetation in check and retarded the development of fruit buds. In a few isolated orchards some damage was reported to fruit, but the loss will be negligible. Although the monthly precipitation was only 70% of the normal amount the number of rainy days was normal. The snowfall for the month ranged from 20 inches in the northwestern counties to a trace at a few eastern stations, the average for 70 stations being 7.0 inches. This is the heaviest March snow on record. In March 1914 the snowfall averaged 6.9 inches at 17 stations. The heavy snow and frequent showers kept fields wet and dirt roads impassable in most sections. At the close of the month all farm work was badly behind. On the night of the 28th a disturbance of large extent and marked intensity moved across the Plains to southern Iowa causing strong winds and gales throughout Arkansas, a maximum velocity of 61 miles per hour from the southwest being recorded at Fort Smith, 54 miles per hour from the west at Little Rock. No fatalities were reported in the State but scores were injured and damage to properity estimated at over $1,000,000 resulted. Between 500 and 600 oil derricks were blown down in the El Dorado and Smackover oil territory and damage to property was reported throughout the State. On the morning of the 29th dust was very noticeable in the air. W. C. H.

TEMPERATURE.

The mean temperature for Arkansas during the month of March, as determined from the records of 50 stations, was 46.6° which is 6.0° below normal, all sections showing negative departures. The highest monthly mean was 53.9° at Huttig, the lowest, 39.3° at Nail. The highest temperature recorded during the month was 84° at Huttig on the 29th and at Junction on the 30th while the lowest, 5°, was recorded at Nail on the 10th. Extremes occurred on approximately these dates in all sections.

PRECIPITATION.

The average precipitation for the month of March, as determined from the records of 70 stations was 3.27 inches which is 1.43 inches less than normal, practically all sections showing negative departures. Monthly totals ranged from 6.03 inches at Marshall to 1.25 inches at Searcy. Snow in appreciable amounts fell over practically the entire State and averaged 7 inches. Monthly totals ranged from about 20 inches in northwestern counties to a trace at two eastern stations. The greatest precipitation in 24 consecutive hours was 3.45 inches at Marshall on the 9th. The average number of rainy days was 8.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 4th, 11; 23d, 2; 26th, 1; 27th, 1; 28th, 11; 29th, 18.

High Winds:- Throughout the State the night of the 28-29th.

Solar Halos:- 7th, 1.

Lunar Halos:- 17th, 2.

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MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement m es.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	29.96	30.37	24	29.12	29	4,765	36	sw.	29	.....	.....	49
Fort Smith...	29 97	30.33	31	29.22	28	7,688	61	sw.	29	76	54	53
Little Rock	29.97	30.40	24	29.29	28	7,631	54	w.	28	78	60	55
Memphis....	29.97	30.36	24	29.36	30	5,446	39	sw.	29	79	64	58

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
***Means and Extremes.**	**52.6**		**96**	**1**	**4.70**		**12**	**8**	**11**	**8**
1891.....	46.7	−5.9	82	10	5.10	+0.40	11	9	11	10
1892	47.9	−4.7	90	9	3.44	−1.26	14	8	9	7
1893.....	50.1	−2.5	82	5	3.55	−1.15	16	6	9	8
1894.....	54.6	+2.0	88	8	9.84	+5.14	14	7	10	9
1895.....	51.8	−0.8	91	10	5.39	+0.69	13	7	11	10
1896.....	48.7	−3.9	85	12	5.28	+0.58	10	7	14	8
1897.....	55.9	+3.3	88	13	9.76	+5.06	10	7	14	15
1898.....	54.5	+1.9	88	18	5.96	+1.26	10	9	12	9
1899.....	50.6	−2.0	87	1	2.97	−1.73	12	9	10	7
1900.....	51.2	−1.4	90	7	2.50	−2.20	15	7	9	7
1901.....	51.5	−1.1	86	4	4.67	−0.03	14	8	9	6
1902.....	52.6	0.0	89	14	5.34	+0.64	12	10	9	7
1903	54.8	+2.2	85	11	5.56	+0.86	10	9	12	8
1904.....	55.3	+2.7	90	12	5.64	+0.94	11	11	9	8
1905.....	57.1	+4.5	92	26	5.31	+0.61	10	10	11	9
1906.....	45.2	−7.4	88	10	5.69	+0.99	8	6	17	11
1907	61.9	+9.3	96	25	3.22	−1.48	14	8	9	6
1908.....	59.5	+6.9	93	21	3.79	−0.91	11	9	11	8
1909.....	52.7	+0.1	84	16	3.71	−0.99	13	8	10	8
1910.....	60.7	+8.1	92	23	1.39	−3.31	20	7	4	3
1911.....	56.6	+4.0	94	15	2.17	−2.53	16	9	6	6
1912.....	45.8	−6.8	86	10	7.86	+3.16	7	7	17	12
1913.....	49.7	−2.9	88	8	4.74	+0.04	14	9	8	7
1914.....	50.0	−2.6	86	4	5.13	+0.43	12	8	11	9
1915.....	42.5	−10.1	73	14	3.54	−1.16	9	7	15	7
1916.....	54.5	+1.9	91	11	1.93	−2.77	16	6	9	5
1917.....	53.0	+0.4	87	9	5.32	+0.62	14	5	12	11
1918.....	57.9	+5.3	96	16	1.31	−3.39	11	8	12	4
1919.....	53.2	+0.6	86	11	5.47	+0.77	17	5	9	6
1920.....	51.8	−0.8	88	2	5.31	+0.61	11	5	11	8
1921.....	60.8	+8.2	92	18	6.55	+1.85	11	8	12	9
1922.....	51.7	−0.9	83	7	8.58	+3.88	12	6	13	11
1923.....	49.6	−3.0	88	2	5.01	+0.34	15	5	11	8
1924	46.6	−6.0	84	5	3.27	−1.43	13	6	12	8

*Based on 30 years record.

Climatological Data for March, 1924.

Stations	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.. ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	186	28	.....	.....	.....	.....	.....	.....	.....	3.54	−1.56	1.10	5.0	9	8	0	23	ne.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	4.41	−1.01	1.03	4.0	8	17	4	10	w.	Geo. E Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	2.09	.....	0.50	11.4	8	12	9	10	.....	J. D Reeves.
Batesville	Independence	277	25	42.8	− 9.4	75	27	22	12	40	2.92	−1.20	0.74	4.0	11	13	1	17	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	32	45.2	− 9.4	71	26	19	10	38	3.96	−1.22	1.00	10.2	7	11	9	11	n.	J. E. Scanlan.
Bentonville	Benton	1303	19	40.8	− 6.5	74	27	17	10	32	4.17	+0.35	1.04	20.0	13	12	7	12	nw.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	2.55	−1.67	0 69	2.2	10	15	4	12	.....	Vernon C. Howe.
Booneville	Logan	600	10	48.2	− 8.2	80	27	22	11	36	2.81	−0.61	0.78	11.6	8	18	4	9	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	48.1	− 4.3	78	1†	26	10†	36	3.81	−2.16	1.06	1.7	9	11	8	12	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	42.2[b]	− 5.7	76[d]	28	24	10†	43[d]	2.82	−0.75	0.43	5.0	13	7	10	14	w.	W. J. Copp.
Camden	Ouachita	158	39	49.0	− 7.0	83	28	24	11	41	3.27	−1.90	1.02	3.0	10	11	9	11	n.	A. B. Quarterman.
Center Point	Howard	470	25	50.0	− 7.0	75	28	22	10	33	4.20	−0.87	1.43	10.0	11	11	6	14	nw.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	2.78	−2.51	0.95	6.0	10	15	3	13	n.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	2.08	.....	0.63	10.0	7	16	5	10	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	47.6	− 6.2	76	25†	25	10†	38	2.85	−1 81	1.07	10.5	7	13	8	10	s	E. E. Cordrey.
Corning	Clay	293	31	43.8	− 7.4	77	28	18	10	43	1 88	−2.82	0.64	T.	8	15	11	5	w.	Rev. N. E. Skinner.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	3.33	−0.97	1.05	5.9	7	16	0	15	w.	C. P. Evans.
Dardanelle	Yell	330	38	49.0	− 3.4	78	25	24	10	36	2.64	−1.82	0.95	5.9	6	13	3	15	s.	J. D. Riley.
Dodd City	Marion	1175	42	.. ..	... ..	.....	.....	.....	.....	.....	...	.....	... ...	.....	.....	.....	.....	.....	.....	Neal Dodd.
Dumas	Desha	162	18	49.6	− 7.8	82	28	25	11	40	1.21	−1.61	1.10	4.0	11	13	13	5	n.	Ben Johnson.
Dutton	Madison	1590	21	40.8	− 7.3	72	27	12	10	42	2 93	−1.47	0.76	15.5	12	8	11	12	w.	J. M. Ricketts.
El Dorado	Union	270	23	52.2	− 4.2	83	28	25	10	33	4.95	+0.51	1 40	5.0	10	13	5	13	ne.	J. J. Pabb.
England	Lonoke	229	17	48.0	− 7.2	78	28	25	11	36	3.62	−1.67	1.11	4.0	12	13	6	12	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	42.0	− 9 0	78	27	16	10†	35	3.56	−0.36	0.76	18.0	9	13	9	9	nw.	Geo. W. Nicholds.
Evening Shade	Sharp	.....	2	43.2[c]	.....	75[c]	27	21[c]	10	45[c]	2.51	...	0.90	5.5	6	7[b]	11[b]	11[b]	nw.	C. C. Price.
Fayetteville	Washington	1451	37	42.2	− 7.7	72	27	17	10	35	3.36	−0.72	0.75	18.2	9	15	3	13	n.	University of Arkansas.
Fort Smith	Sebastian	481	42	16.0	− 6.6	78	27	25	10	32	1.96	−1.76	0.52	2.1	12	11	6	14	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.	.....	.....	2 90	−1.67	1.15	4.0	6	10	6	15	.....	F. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	3.82	−1.91	1.62	2.5	6	18	0	13	n.	Arthur Lentz.
Grannis	Polk	900	6	46.3	.....	74	28	20	10†	34	3 46	.....	1 00	12.2	11	12	4	15	e.	W. E. Mc Vay.
Gravette	Benton	1250	27	40.1	− 3.7	75	27	7	10	42	3.78	+0.08	0.86	12.6	8	13	4	14	ne.	A. F. Stevens.
Harrison	Boone	1552	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Brooks.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	5.02	−1.16	1.52	2.9	11	18	2	11	.....	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	2.93	.....	0.62	9.0	10	16	9	6	nw.	L. A Ingram.
Hope	Hempstead	357	53	50.7[a]	− 7.3	80[a]	28	29[a]	11	32[a]	4.05	−1 25	1 27	5.0	4	15[a]	4[a]	11[a]	e.	N. P. O' Neal.
Hot Springs	Garland	600	33	48.5	− 5 8	78	26	25	10	33	4.02	−1.26	0.93	7.1	9	13	6	12	.....	P. P. Patraw.
Huttig	Union	175	17	53.9	− 4.5	84	29†	26	11	41	5.0	−0 55	1.36	8.0	9	13	6	12	nw.	J. L. Collett.
Jonesboro	Craighead	345	29	45.4	− 7.4	76	27	24	10	37	2.19	−2.72	0.81	0.3	8	13	8	10	nc.	Benedictine Sisters.
Junction	Union	182	30	51.9	− 5.3	84	30	21	10	39	5.27	−0.12	1.58	5.0	6	11	5	12	n.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	2.47	.....	0.52	8.7	6	9	17	5	.....	G. A. Newton.
Little Rock	Pulaski	286	45	47.3	− 5.7	78	28	26	10	30	2.70	−2.23	0.85	6.6	9	11	7	13	e.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	45 4	− 7.0	71	27	20	10†	30	2.16	−1 61	0.60	4.0	6	13	5	13	e.	H. Kauffeld.
Magnolia	Columbia	315	6	.....	.....	.....	.....	.....	.....	.....	2.70		1.10	5.0	5	10[m]	3[m]	5[m]	.....	State Agri. School.
Malvern	Hot Springs	277	37	48 9	− 5.2	74	25	22	11	40	2.62	−2.63	0.50	4.0	8	17	4	10	nc.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	41.6	9.1	75	27	18	10	43	2.00	−2.86	0.50	5.5	11	15	10	6	n.	F. M. Daniel.
Marianna	Lee	235	16	48.0	− 6.8	79	28	26	11	40	2.34	- 2.34	0.89	3.5	6	4	21	6	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	44.0	.....	76	27	26	9	35	2.31	−2.70	0.76	0.5	9	12	7	12	se.	Charles Walton
Marshall	Searcy	1083	10	44.6	.....	72	27†	20	10	32	6.03	+1.78	3.45	18 4	7	7	15	9	nw.	W. F. Reeves.
Mena	Polk	1185	38	46.6	− 6.0	73	25	23	11	35	2.66	−2.31	0.81	12.5	8	18	4	9	ne.	E. W. St. John.
Morrilton	Conway	347	3	47 6[a]		75[a]	28	26[a]	10	34[a]	3.09	.	1.10	3.0	6	16	5	10	w.	W. C. Jackson.
Mountain Home	Baxter	860	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. S. Halbert.
Mount Ida	Montgomery	730	25	46 4	.. ...	76	28	16	11	45	2.90	−1.91	0.81	10.0	6	11	4	16	nw.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	4.59	−0.27	1.57	8.0	7	5	2	24	.....	Henry A. Davis.
Nail	Newton	2233	28	39.3	− 8.9	68	2†	5	10	31	3.05	−2 01	0.70	12.0	6	13	8	10	n.	Charles Paxton.
Newport	Jackson	231	40	47.6	− 5 0	76	27	25	10	34	4.06	−0.83	1.54	4.5	10	11	11	9	nw.	Geo. L. Robinson.
Osceola ††	Mississippi	240	26	45.1	− 9.7	77	29†	24	10	44	1.82	−3.60	0.50	4.8	6	17	3	11	s.	W. W. Prewitt.
Ozark	Franklin	450	28	46.0	− 7.4	77[b]	27	20[b]	12	37[b]	2.43	−1.72	0.69	4.0	6	11	6	14	nw.	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.	.....	.....	3.00	−3.61	0.90	2.0	4	21	0	10	n.	W. E. Baker.
Pindall	Searcy	1500	3	.....	.....	.....	.....	...	.....	.....	2.10	.....	0.55	11.5	7	10	5	16	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	50.0	− 4.8	80	28	25	11	40	5.00	−0.51	1.73	8.0	9	15	5	11	ne.	Miss Theares Scheu.
Pocahontas	Randolph	300	30	44.3	− 7.3	76	29	20	11	37	2.87	−1.78	0 97	3.5	8	11	8	12	n.	Benedicitine Sisters.
Portland	Ashley	122	18	52.2	− 6.6	82	28	28	10†	33	4.69	−0.57	1.92	5.5	6	12	9	10	n.	W. E. Edmiston.
Prescott	Nevada	329	36	51.2	− 4.7	81	28	25	10	36	2.64	−1.97	0.80	3.0	8	14	7	10	n.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.. ...	.....	.....	.....	.....	.....	3.90	−1.22	1.20	4.0	6	25	0	6	.....	Foote Coleman.
Rison	Cleveland	243	23	49.6	− 5.4	80	28	24	10	36	4.84	−0.47	1.17	8.0	8	12	9	10	ne.	Geo. H. Tisdale.
Rogers	Benton	1585	34	42.0	− 7.4	76	27	17	10	43	3.24	−0.35	0.62	19.0	9	14	4	13	n.	Carl A. Starck.
Searcy	White	236	11	46.8	− 6.2	79	4	24	12	38	1.25	−4.22	0.39	7.0	8	13	0	18	n.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	3.81	−0.98	1.38	5.0	8	16	2	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	47.6	− 6.4	78	28	25	11	33	3.15	−2.62	1.02	4.0	9	12	11	8	nw.	H. A. Buerkle.
Subiaco	Logan	1050	27	48.0	− 5.6	78	27	23	11	36	2.69	−0.12	0.80	4.5	7	15	8	8	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	52.2	− 4.6	79	27†	25	10	33	3.83	−0.36	1.29	3.0	9	11	5	15	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	...	.....	.....	.....	.....	3 11	.....	1.12	10.3	6	12	1	18	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. W. L. Hartsell.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	2.70	−1.49	1.10	3.0	5	12	1	18	ne.	Nannie O. Schirmer
Wynne	Cross	250	18	47.2	− 4.1	76	27†	25	10	31	3 20	−1.80	0.85	T.	11	11	7	13	n.	E. O. Allen.
State Means and Extreme				46.6	− 6.0	84	29†	5	10	45	3.27	−1.43	3.45	7.0	8	13	6	12	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville, R.F.D. No 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for March, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia ‖‖	Ouachita					.24				.45					1.00			.25	.10		1.10			.10				.08		.22			3.54
Arkansas City ‖‖	Mississippi				1.00	T.	T.			.38	T.				.90				.13		1.03			.04				T.	.36	.57			4.41
Arlberg	White								.30	.20				.40		.02		.02			.59			.15					.50				2.09
Batesville ‖‖	White					.02				.24	.56			.09	.44		.02	.14			.71	T.		.12	.08					.47			2.92
Bee Branch	Arkansas				.17					.40				.60			T.	.80			.85			.14					T.	1.00			3.96
Bentonville ***	Arkansas				.80					.38	T.		.04	.31	.05	.14	.03			.86	.19		.03	.49				.82			.03		4.17
Black Rock ‖‖	White					.12				.15	.38				.17			.15			.69	.03		.15	.05					.66		T.	2 55
Booneville	Arkansas									.78	.02			63	T.	.04		.17		.13	.70		T.							.34			2.81
Brinkley ‖	White				.46	.31				.48				.64	.14			.23			1.06									.42		.07	3.81
Calico Rock ‖ ‖	White					.34				.15	.22	T.		.05	.28	.08	.02	.02			.43	.37		.18	.26					.42			2.82
Camden ‖‖	Ouachita					.12				.46	.02			.15	.80			.05	.41		1.02			.03						.21			3.27
Center Point	Red				.25		.01		.05	.35				1.43				.34		.49	.34		.10	.14			T.	T	T.	.70			4.20
Clarendon ‖‖	White					.12				.28	.12			.31	.52			.11	.17		.95			.04						.16		T.	2.78
Clinton	White									.45				.63		.04		.22						.09					.65			T.	2.08
Conway	Arkansas									.37				.72				.21			1.07			.02						.42		.04	2 85
Corning	White				.25					.10					.03			.15			.64			.15					.04	.52			1.88
Danville ‖	Arkansas					.15				.40				.60	.22			.20			1.05			T.						.71			3.33
Dardanelle	Arkansas					.22				.40				.40	.24						.95									.13			2.64
Dodd City	White																																
Dumas	Arkansas				.30				.02	.25				1.05				.18		.10	1.10			.20		.04	.06			.61			4.21
Dutton	White				.10					.76			.03		.52	T.	T.	.12		.11	.56		.02	.22					.06	.37		.06	2.93
El Dorado ‖‖	Ouachita					.82	.02			.48	.05			.05	1.10			.07	.14		1.40			T						.82			4.95
England	Arkansas				.11	.08				.51				.94				.21		.01	1.14			.08			.03	.01		.38		.03	3.62
Eureka Springs	White				.76					.50				.42		.17		.10		.33	.50			.43						.35		T.	3.56
Evening Shade	White									.45				.30				.12			.90			.20						.48			2.54
Fayetteville	White				.75				T.	.34				.36		.08	T.			.26	.45			.37					T.	.69		.06	3.36
Fort Smith ***	Arkansas								.25	.25			.02	.50	T	.09	.04			.31	.05		.12	.06					.21			.03	1.96
Fulton ‖	Red									.47				.21	.32			.6	.15		1.15												2.90
Georgetown ‖	White					T.			.25	.41				.19	.60				T.		1.62	T.								.72			3.82
Grannis	Red								.16	.40				1.00				.39		.37	.35		.04	.12			.07		.14	.42			3.46
Gravette	Arkansas				.70					.24				.28		.18				.86	.30			.73					T.	.49			3.78
Heber Springs	White																																
Helena	Mississippi					.20				.14	.22			.01	1.48			T	.40		.98			.01	.01			.02		1.52			5.02
Higden	White				.04				.38	.24				.62			.15	.13		.28	.34			.20					.55				2.93
Hope	Red									1.27				.78				.78		1 22												T.	4.05
Hot Springs	Ouachita				.05					.56				.93	T.			.54		.23	.90		T.	.06			T.		.02	.73		T.	4.02
Huttig	Ouachita					.60	.20	.20	1.40					.80					.20	.20	.90										.60			5.10
Jonesboro	White				T.	.02				.41	T.			.23				.16			.81			.19				T.		T.	.35		.02	2.19
Junction	Ouachita				1.58				.80					.50				.35		1.12									.92			T.	5.27
Lambrook ‖‖	White				.34					.25				.87					.37					.12						.52			2.47
Little Rock ***	Arkansas				.09				.11	.30			T.	.73		T.	T.	.21		.52	.35		T.	.04			T.		.37	T.		T.	2.70
Lutherville	Arkansas									.43				.66				.14			.51			.10						.35		T.	2.16
Magnolia	Red				.10									1.10				.39		.9											.30			2.70
Malvern	Ouachita					.21				.50				.50	.50			.10			T.			.34				.12		.35			2.62
Mammoth Spring	White				.04	.19				.15	.30			.18				.08			.50	.03		.04	.02					.14			2.00
Marianna	Mississippi				.13					.38				.52				.39			.89			.03								T.	2.34
Marked Tree ‖‖	Mississippi					.02				T.	.46	T.			.20			.27	.18		.76			.06	.05					.21			2.31
Marshall	White				T					3.45				.50		.15				T.	.78			.27				.56				.02	6.03
Mena ‖	Ouachita				.02					.27				.50	.31			.36			.81			.08						.31			2 66
Morrilton	Arkansas				.08					.30				.30				.75			1.10									.56			3.09
Mountain Home	White																																
Mount Ida	Ouachita									.54				.51	.40			.25			.81									.30		T.	2.90
Murfreesboro	Ouachita					.57			.31						1.57						1.17			.37		.13				.17			4.59
Nail	White				T.					.60				.65				.60		T.	.70			.40						.10			3.05
Newport ‖	White									.10	.81			.04	.60			.04			1.51	.09		.24	.06					.54			4.06
Osceola ‖	Mississippi									.18	.33				.48			.25						.08						.50			1.82
Ozark	Arkansas										.42		T	.61	T.		T.				.69		.12	.09						.50			2.43
Patterson ‖	White													.10	.10	.70		.40			.90									.80			3.00
Pindall	White									.35				.36		.08					.50			.55						.22		.04	2.10
Pine Bluff ‖	Arkansas					.48				.48				.03	1.10					T.	1 73				.33			.03	.20	.62			5.09
Pocahontas	White				.20	.20				.45				.25				.18			.97			.15						.47			2.87
Portland ‖	Ouachita					.80			.05	.71				1.11					.10											1.92			4.69
Prescott	Ouachita				T.		T.		T.	.45				.13	.37			.39	.26		.80			.15			T.	T.		.09			2.64
Princeton ‖	Ouachita														.60			.50	1.10		1.20		.30							.20			3.90
Rison	Ouachita			.15						.35				1.17				.70		1.81				.28				.08		.30			4.84
Rogers	Arkansas				.62					.50				.40		.16	T.			.35	.30			.33						.61		.04	3.24
Searcy	White									.10				.50		.10		.20			.30			.05						.10		.10	1.25
Snow Lake	Mississippi																																
Springbank ‖	Red					.12		T.		.50	T.			T.	1.38			T.	.40		1.10			.04				.08	.15			3 81
Stuttgart	Arkansas				.07					.13				.81				.3	.02		1.02			.05				.13	T.	.25			3.15
Subiaco	Arkansas									.63				.77				.1	.68	.80			T.	.11						.17		T.	2.69
Texarkana ‖	Red					.08				.15				.38	.25			.85	.35		1.29			.02			.05						3.85
Waldron	Arkansas				.15					.46				.73			T.	.11		1.12			T.								.51			3.11
Warren	Ouachita																																
Whitecliffs	Red				T.					.55				T.	.15			T.	.30	.35	1.10										T.			2 70
Wynne ‖	Mississippi					.05				.22	.21			.04	.31			.25	.35		.85	.02		.01						.80			3.20

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Separate dates not recorded. * Included in next measurement. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for March, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.6	7.3	7.2	7.0	7.2	8.7	7.7	7.5	7.2	7.0	7.0	7.3	7.1	7.2	7.4	7.8	8.2	8.6	11.8	12.0	12.3	14.0	15.1	15.0	15.0	15.2	14.0	12.9	12.2	12.2	12.4
Dardanelle	do	20	5.7	5.5	5.3	5.2	5.0	4.9	5.8	5.6	5.4	4.9	4.9	4.9	4.6	4.9	4.8	4.7	4.5	5.0	5.8	9.0	9.9	10 3	12 9	13.4	13.4	13.5	13 4	12.4	11.6	10.8	10.3
Little Rock	do	23	4.9	4.8	4.7	4.0	3.7	3.5	3.2	3.6	3.6	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.8	4.	4 8	7 5	9.8	10.5	13.0	13.8	13.7	13.5	13.4	12.4	11.	10.5
Pine Bluff	do	25	9.7	9.1	8.9	8.6	8.2	7.9	7.6	7.5	7.8	8.1	7.5	7.5	7.4	7.3	7.3	7.5	7.6	7.6	8.0	8.9	9.6	12.3	13 4	14.6	16.1	16 3	16 3	16.2	15.7	16.1	15.6
Black Rock	Black	14	6.0	5.8	5.7	5.7	5.6	5.5	5.5	5.0	4.7	4.7	4.7	4.6	4.6	4.3	4.0	4.0	4.0	4.0	4.6	4.0	5.4	6.0	6.1	6.0	5.8	6.0	6.0	6 0	6.0	6 5	6 1
Calico Rock	White	18	2.2	2.1	2.4	1.9	1.9	1.7	1.7	1.7	1.8	2.0	1.7	1.2	1.9	1.8	1.6	1.8	1 9	1.9	2.0	2.5	3.0	3 5	3.7	3.5	4.2	4.6	5.4	5.2	5.0	4.7	5.0
Batesville	do	23	8.0	7.9	7.9	8.0	7.4	7.1	7.1	7.1	7.3	7.6	7.4	6 9	6 5	7.5	7.1	7.1	7.5	7.4	7 2	7 8	8.8	9.3	9.6	9.6	10.6	10 2	10.8	11.3	11.3	10.9	10.7
Newport	do	26	6.3	6.3	6.2	6.3	6 2	6.0	6.0	5.9	5.9	5.9	6.2	6.1	6.9	6.0	6 2	6.5	6.7	6.6	6.4	6.4	6.7	6 8	6.9	7.0	7.0	7.2	7.1	7.5	8.1	8.4	9.1
Georgetown	do	22	10.8	10.3	9.8	9.2	8.9	8.6	8 3	7.9	7.5	7.2	7.0	6 8	6 6	6.6	6.4	6.5	6 6	6 8	7.0	7.2	8.0	9 0	10 0	11 0	11 6	11.9	12.0	12.1	12.4	13.0	13.2
Clarendon	do	30	19.9	19 8	19.4	19.1	18.8	18.5	18.2	17.8	17.5	17.2	16.8	16.5	16.2	16.1	13.0	16.0	15.9	16.6	16.1	16.4	17 0	17.5	17.9	18 4	18.9	19.4	19.7	20.0	20.2	20.1	20.5
Helena	Mississippi	42	31.6	32.5	33.1	33 5	33.6	33.3	32.6	31 4	29.9	28.4	27.1	27 5	28	29	30	31.4	31.0	31.3	31.4	31.2	30.9	30.1	29.1	28.0	26 9	26.1	25 7	25.4	25.5	25.9	26 1	27.1
Arkansas City	do	48	33.8	34.5	35.3	35.8	36.6	36.7	36.8	36.7	36.0	35.2	34.3	33	33.0	33.2	33.5	33.8	34	34.7	34	34 9	34.9	34.8	34.6	31.2	33.8	33.3	33.0	32.8	32.6	32 6	32 7	33.0
Camden	Ouachita	49	15.6	15.0	14.6	13.9	13.1	11 9	11.3	9 9	9 7	9.7	9.8	9 8	9.4	9.2	9.6	12 2	13.0	15.1	14 8	15.6	21.0	23.6	21.2	25 9	25.1	24.5	23.2	21.7	19.0	19.0	19.5
Danville	Petit Jean	20	4.3	4.2	4.2	4.0	3.8	3.8	3.8	3.6	3.5	3.6	3.6	3.5	3.5	3.6	3.8	5 1	5.1	6.6	6 5	7 7	9 8	11.4	12.7	11.5	11 0	8.5	7.2	6.7	7.0	6.8	7.4
Fulton	Red	28	11.1	10.8	10.6	10 2	10.2	10.0	9.8	9.7	9.5	9.1	9.4	9.8	10.5	11.2	11.6	12 6	14.6	16.6	18 6	20.0	20.7	21.4	22.1	21 5	20.7	20.0	18 8	17.4	16.0	15.6	16.4
Arkadelphia	Ouachita	18	2 0	1.9	1.8	1.7	1.6	1.6	1.5	1.2	1.1	1.2	1.4	1 3	1.3	1 8	2.7	3.1	3 7	4.5	5 8	5 5	7.0	7 0	4.9	4.6	4.5	3.9	3.5	3 2	3 2	4.2	3.8
Patterson	Cache	9	7.8	7.9	7.9	7.8	7.7	7.5	7.4	7.4	7.4	7.4	7.3	7.2	7.2	7 2	7.2	7.2	7.1	7.2	7.4	7.4	7.4	7.8	7.2	7 1	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Late reports for February:- Magnolia: Mean temperatnre 48.7°. Total precipitation 3.60. Osceola: Mean temperature 42.2°. Total precipitation 1.65.

Daily Temperatures for March, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	51	62	70	71	61	60	51	52	38	37	44	46	35	45	49	53	50	51	48	40	53	52	49	58	71	70	75	73	68	59	41	54.3
	Minimum	27	30	30	31	34	31	30	26	30	25	26	22	24	28	24	31	36	35	30	32	33	25	26	32	32	36	36	37	37	39	31	31.2
Bee Branch	Maximum	64	59	64	64	61	58	60	50	45	33	43	44	42	40	42	48	49	52	49	42	49	48	51	57	70	71	66	70	70	62	58	54.3
	Minimum	37	26	30	53	34	33	31	28	28	19	20	20	29	25	28	30	36	30	31	29	29	24	33	38	32	43	37	54	41	35	28	32.0
Bentonville	Maximum	45	61	67	60	54	52	44	51	40	33	40	41	33	39	40	50	51	45	35	33	45	46	44	60	67	66	74	70	65	44	37	49.4
	Minimum	35	29	42	38	31	37	27	29	22	17	19	25	28	26	30	32	35	32	32	31	25	28	34	35	44	38	42	58	37	31	27	32.1
Booneville	Maximum	68	70	67	67	62	61	60	58	54	37	48	46	43	45	50	52	53	55	52	39	41	45	52	64	78	75	80	77	78	78	48	58.2
	Minimum	42	44	53	52	38	40	39	37	28	23	22	29	28	30	34	37	41	33	34	28	31	35	38	42	45	43	44	58	60	44	34	38.3
Brinkley	Maximum	78	64	72	71	65	64	56	51	47	40	49	47	44	45	52	55	51	53	51	47	56	55	58	61	75	69	76	78	77	64	57	59.0
	Minimum	43	32	39	53	38	38	36	34	35	26	26	27	32	29	34	33	42	35	35	34	33	29	40	36	39	43	46	51	60	45	31	37.2
Calico Rock§§	Maximum	49	61	71	71	62	57	51	59	36	36	45	45	36	46	47	53	56	50	46	40	53	53	48	59	72	70	76	....	....	....	....	53.6
	Minimum	26	29	28	29	30	31	30	25	30	24	25	24	26	27	29	32	35	38	29	33	32	26	29	35	33	36	33	36	56	34	28	30.9
Camden§§	Maximum	65	67	71	75	66	64	70	52	45	48	53	51	39	51	52	61	55	59	52	48	59	54	66	65	77	70	74	83	72	78	56	61.2
	Minimum	29	30	32	34	42	42	37	39	42	25	24	27	29	27	30	33	38	37	37	35	31	32	37	40	40	44	49	54	58	46	41	36.8
Center Point	Maximum	54	71	67	72	67	65	72	60	44	47	53	47	44	47	50	60	55	61	51	44	60	53	66	63	73	68	70	75	74	74	62	60.3
	Minimum	39	38	46	59	38	43	40	40	33	22	23	32	32	32	26	34	40	43	31	38	32	30	36	41	45	45	52	50	62	54	49	39.7
Conway	Maximum	60	64	72	70	64	63	58	51	46	41	50	49	44	49	53	55	52	55	50	44	55	52	54	60	76	76	75	76	76	65	56	58.2
	Minimum	39	29	34	61	33	35	34	35	34	25	25	26	32	27	35	35	43	34	37	32	32	30	40	43	38	50	42	56	57	43	30	37.0
Corning	Maximum	64	60	70	73	65	58	57	48	47	37	40	48	45	44	56	52	46	48	46	46	50	53	53	58	69	70	76	77	64	62	52	55.9
	Minimum	38	35	28	34	36	34	30	25	28	18	24	26	30	30	28	25	32	42	28	30	32	25	29	31	33	43	45	34	32	54	26	31.8
Dardanelle	Maximum	64	68	67	68	66	61	61	58	52	48	47	45	44	48	50	51	49	51	50	51	57	57	56	58	78	74	76	75	75	65	55	58.9
	Minimum	40	42	48	46	50	49	40	41	37	24	25	27	31	31	35	37	36	39	38	36	40	38	32	44	42	46	42	44	55	44	35	39.2
Dodd City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dumas	Maximum	65	62	72	78	62	62	59	52	47	45	48	50	45	43	55	60	50	52	52	47	55	57	62	62	77	72	74	82	78	70	60	59.8
	Minimum	44	33	35	56	40	43	37	38	37	26	25	26	32	31	30	35	44	37	37	37	34	32	43	40	37	57	50	64	60	47	38	39.5
Dutton	Maximum	54	62	66	61	60	54	52	50	45	31	39	44	40	37	41	48	53	48	41	34	47	45	44	58	70	69	72	68	66	53	43	51.5
	Minimum	36	21	29	44	27	32	26	26	25	12	14	22	17	30	28	31	38	30	29	30	20	35	38	30	38	37	30	51	49	31	26	30.1
El Dorado	Maximum	69	68	73	75	66	63	71	60	47	47	52	53	49	48	54	61	53	59	53	49	60	56	76	72	77	75	74	83	79	81	73	63.5
	Minimum	38	40	41	50	44	45	40	43	36	25	25	30	32	29	31	37	48	39	38	36	33	35	45	43	45	55	51	64	58	51	40	40.9
England	Maximum	60	61	72	69	65	61	57	51	45	42	47	50	45	45	53	51	51	54	52	45	55	54	57	62	76	71	71	78	76	65	55	57.9
	Minimum	40	35	37	57	38	38	37	37	36	26	25	29	33	28	34	34	44	35	36	33	32	31	41	40	40	43	45	59	59	46	33	38.1
Eureka Springs	Maximum	56	63	69	61	59	54	48	53	42	35	43	44	38	41	40	51	55	47	45	34	50	50	44	63	69	69	78	71	69	49	41	52.6
	Minimum	36	28	44	45	30	34	24	26	25	16	16	22	29	23	27	29	39	31	30	30	23	28	32	32	43	38	42	58	43	30	25	31.5
Evening Shade	Maximum	63	62	71	71	62	61	55	48	46	35	43	47	45	45	48	50	50	52	47	43	52	52	49	58	70	69	75	73	....	....	....	55.1
	Minimum	30	30	26	56	31	30	29	23	29	21	26	22	31	25	28	29	35	33	26	31	32	24	35	32	31	42	33	57	....	....	....	31.3
Fayetteville	Maximum	44	61	67	60	57	57	52	56	46	32	40	42	42	40	42	50	51	47	46	36	44	46	45	60	68	64	72	70	69	54	40	51.6
	Minimum	37	26	41	42	32	36	27	31	24	17	18	24	30	26	30	35	36	31	31	29	24	29	35	35	45	41	38	61	46	30	26	32.7
Fort Smith	Maximum	54	64	69	63	61	58	55	45	39	39	47	44	38	44	49	57	51	53	44	39	54	47	52	62	72	68	78	75	64	56	45	54.4
	Minimum	40	35	42	40	36	42	37	37	29	25	25	31	33	31	36	39	37	33	34	34	32	36	41	44	45	48	46	61	50	39	32	37.7
Grannis	Maximum	65	67	63	63	63	60	67	56	41	42	48	45	42	47	48	57	58	56	46	38	56	51	62	61	71	64	62	74	72	72	59	57.3
	Minimum	31	33	39	53	34	39	35	38	29	21	21	29	30	24	29	38	40	30	34	30	26	32	37	42	40	49	41	57	45	42	25	35.3
Gravette	Maximum	60	63	68	62	54	54	52	52	49	34	41	42	41	39	41	50	51	43	42	35	47	44	44	61	68	61	75	71	69	57	41	52.0
	Minimum	32	21	36	41	26	31	21	28	24	7	13	19	31	19	36	32	31	31	30	8	23	31	21	41	31	33	50	41	30	26	28.2
Hope	Maximum	65	68	71	72	60	65	70	64	43	47	53	49	45	49	53	61	55	....	58	45	59	51	66	65	75	68	74	80	75	63	56	60.8
	Minimum	40	43	49	57	40	40	38	44	34	25	31	31	32	29	31	43	45	....	35	33	32	33	42	45	53	48	58	60	45	42	40	40.6
Hot Springs	Maximum	62	66	70	70	68	61	58	51	45	41	50	50	45	47	49	56	54	56	54	41	56	56	59	62	72	78	68	76	76	69	60	58.9
	Minimum	46	33	37	59	35	37	37	38	35	25	26	28	32	26	34	37	43	32	37	33	32	32	41	41	40	52	42	57	56	43	35	38.1
Huttig	Maximum	69	68	74	78	67	65	72	71	65	48	52	53	56	55	56	62	60	61	60	58	60	61	71	70	78	79	77	83	84	84	82	67.2
	Minimum	41	33	36	60	45	48	31	40	40	27	26	31	31	32	30	35	49	42	40	36	34	31	43	44	43	44	52	65	57	51	43	40.6
Jonesboro	Maximum	58	59	70	68	64	60	52	47	44	35	42	49	43	44	47	49	47	49	46	44	49	51	46	53	69	67	76	74	73	63	52	54.5
	Minimum	42	38	33	55	41	34	35	29	32	24	26	30	32	28	30	29	36	34	35	33	35	29	37	37	35	47	43	58	63	39	30	36.4
Junction	Maximum	63	65	74	78	62	61	63	54	47	46	54	57	47	50	54	60	55	60	48	54	62	66	72	73	74	76	79	82	81	84	74	63.7
	Minimum	33	30	37	39	40	41	38	39	36	21	27	30	31	30	28	44	49	43	38	40	41	44	45	46	47	49	53	55	53	51	41	40.1
Little Rock	Maximum	56	61	70	68	60	59	56	46	40	39	46	47	39	44	50	53	50	52	48	43	54	51	55	59	73	66	71	78	73	63	47	55.4
	Minimum	40	38	42	48	39	39	40	38	31	26	27	31	32	30	37	37	42	36	36	32	34	36	41	45	43	51	49	59	56	46	33	39.2
Lutherville	Maximum	60	60	69	64	62	59	55	49	46	38	45	43	42	44	48	51	49	59	48	42	55	48	50	59	70	69	74	70	71	63	50	55.2
	Minimum	37	32	39	46	36	41	35	33	29	20	20	26	31	26	30	36	39	31	35	31	28	33	38	41	41	44	44	58	53	38	30	35.5
Malvern	Maximum	63	67	72	71	70	63	61	56	49	44	52	52	47	49	51	59	54	57	54	45	60	55	62	63	74	71	69	79	79	70	62	60.6
	Minimum	33	30	32	60	37	38	31	38	37	25	22	30	33	26	34	38	43	34	37	32	31	31	42	40	38	46	44	55	58	43	36	37.2
Mammoth Spg. §§	Maximum	52	56	69	71	61	56	46	56	36	33	38	41	35	42	49	49	52	46	45	38	47	56	45	59	69	61	75	70	68	57	38	52.1
	Minimum	24	34	27	35	31	34	28	26	36	18	22	26	30	28	27	28	35	32	31	32	32	25	35	31	33	44	32	36	56	34	28	31.1
Marianna	Maximum	68	70	69	72	63	62	57	50	49	49	46	46	47	44	52	56	55	51	53	49	52	54	58	59	74	69	76	79	78	76	60	59.5
	Minimum	32	33	33	52	41	38	36	36	34	27	26	28	33	32	32	33	34	37	37	36	35	30	34	35	39	48	51	63	46	36	34	36.6
Marked Tree §§	Maximum	60	69	68	59	61	50	51	40	36	42	49	36	41	48	52	45	48	49	43	47	53	47	56	70	69	76	71	72	68	49	50	53.5
	Minimum	39	34	36	42	33	34	30	31	26	26	29	30	30	31	31	35	35	35	35	35	27	31	32	34	43	42	41	60	43	32	26	34.5
Marshall	Maximum	60	62	68	70	60	56	54	49	48	34	41	41	41	39	41	50	57	51	41	39	52	52	47	57	69	67	72	72	69	57	46	53.6
	Minimum	51	34	41	55	28	36	31	29	28	20	24	26	31	28	31	33	41	35	33	32	30	30	34	40	44	43	40	60	51	35	30	35.7
Mena	Maximum	57	68	68	66	61	60	64	50	39	40	47	45	40	46	48	57	57	55	47	36	54	44	62	66	73	62	73	72	66	65	52	56.1
	Minimum	37	33	39	50	35	36	37	37	28	24	23	29	32	25	34	37	42	30	33	32	30	34	38	43	42	48	56	60	52	42	34	37.2
Morrillton	Maximum	63	63	70	68	61	61	58	55	48	42	49	50	45	46	51	54	52	54	50	43	55	52	58	58	73	72	73	75	....	64	60	57.4
	Minimum	46	34	36	59	36	38	38	34	35	26	27	30	32	31	35	36	42	35	38	32	33	32	44	43	40	46	44	59	....	42	33	37.9
Mt. Home	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mount Ida	Maximum	61	69	72	73	64	65	60	55	45	44	51	49	45	47	48	57	55	59	56	48	59	48	61	66	71	67	71	76	75	72	57	59.6
	Minimum	31	25	27	58	28	30	27	32	33	24	16	21	32	24	30	35	45	31	33	32	27	23	38	43	34	41	35	54	52	36	36	33.3
Nail	Maximum	66	68	60	63	56	58	45	40	39	25	36	36	36	38	45	40	48	44	40	39	40	45	46	47	48	59	68	62	61	58	49	48.1
	Minimum	38	47	39	44	38	30	30	30	22	5	10	21	26	23	27	30	35	32	32	26	27	29	29	32	34	55	37	35	34	30	37	30.5
Newport	Maximum	60	62	71	71	65	60	61	56	48	38	42	46	45	45	45	54	51	54	50	45	55	54	50	58	73	70	76	75	76	67	55	57.4
	Minimum	40	37	37	57	40	40	36	30	33	25	27	27	34	29	34	35	40	34	35	33	30	34	40	38	40	47	45	61	59	41	31	37.7
Osceola	Maximum	55	69	60	68	70	58	63	55	52	45	39	44	49	40	46	49	52	45	50	50	48	49	55	48	56	67	70	75	77	77	66	56.4
	Minimum	33	33	34	45	41	39	31	30	35	24	25	28	34	30	28	29	36	34	35	35	34	26	34	31	32	44	41	50	33	34	31	33.8
Ozark	Maximum	58	65	68	67	71	61	62	59	48	44	42	45	40	48	50	54	52	56	43	44	56	49	58	61	68	76	77	74	72	....	....	57.5
	Minimum	40	30	34	35	37	32	44	35	36	30	23	20	30	28	34	33	36	30	30	32	29	31	37	40	42	41	40	60	35	....	....	34.6
Pine Bluff	Maximum	64	67	74	74	62	65	60	56	48	48	52	52	45	49	56	58	56	56	54	52	59	55	60	63	78	69	69	80	79	70	59	60.7
	Minimum	41	31	34	59	39	40	39	39	38	35	25	38	32	26	32	36	46	36	38	34	32	32	42	40	39	49	49	55	56	46	37	39.2
Pocahontas	Maximum	65	59	66	70	64	58	51	49	45	35	41	49	46	44	49	49	48	50	46	43	48	53	48	55	67	68	73	70	76	68	53	55.0
	Minimum	39	40	29	53	37	34	33	26	31	22	20	29	33	29	29	27	36	32	34	32	31	26	36	35	32	47	38	43	41	37	29	33.6
Portland	Maximum	65	64	70	74	68	60	65	58	49	45	59	51	49	46	53	57	60	57	54	47	58	57	70	62	74	73	77	82	81	80	73	62.5
	Minimum	42	34	45	57	45	46	38	41	40	28	28	32	33	32	30	34	46	44	38	37	35	34	45	47	41	57	52	64	59	51	42	41.8
Prescott	Maximum	65	67	73	74	70	65	70	61	45	47	54	50	47	50	51	62	59	58	54	55	61	56	65	65	76	70	74	81	78	77	75	63.1
	Minimum	39	34	37	59	39	43	39	40	36	25	25	29	32	28	32	39	45	34	38	34	31	32	42	45	44	49	47	58	58	48	39	39.4
Rison	Maximum	64	67	71	74	68	67	60	52	48	45	50	50	46	48	53	58	54	56	54	45	58	55	58	62	76	73	73	80	79	72	59	60.5
	Minimum	40	32	39	59	39	40	39	39	37	24	25	29	31	26	31	35	44	36	36	32	31	32	41	38	40	54	46	61	59	48	38	38.7
Rogers	Maximum	57	63	68	62	58	54	52	53	46	33	42	42	40	40	40	51	54	47	42	34	46	48	45	62	68	67	76	71	70	49	41	52.3
	Minimum	37	23	32	43	29	35	36	28	25	17	18	28	30	25	29	31	41	32	31	30	23	25	32	32	44	35	33	54	44	30	27	31.6
Searcy	Maximum	57	60	71	79	65	61	55	51	50	46	46	46	43	46	49	53	52	51	49	44	52	53	50	55	73	69	75	75	75	62	59	57.3
	Minimum	35	34	35	50	35	35	35	35	35	40	25	25	24	33	25	45	50	34	30	35	31	32	30	35	35	35	43	40	55	55	40	36.2
Stuttgart	Maximum	60	62	71	71	63	62	55	49	45	43	48	48	43	44	53	54	50	52	51	47	54	55	59	59	74	69	70	78	77	65	55	57.6
	Minimum	41	33	37	54	36	37	35	35	37	26	25	27	32	27	34	34	42	34	36	33	32	32	41	39	39	46	47	60	59	45	34	37.6
Subiaco	Maximum	59	66	71	69	64	61	57	50	45	40	48	49	44	48	51	56	58	67	58	41	57	51	54	64	75	70	78	75	75	65	56	58.6
	Minimum	41	36	37	57	33	41	37	31	31	21	23	29	31	28	33	37	41	31	37	31	30	32	40	43	43	45	43	57	56	41	33	37.3
Texarkana	Maximum	64	70	67	72	68	65	70	60	46	47	53	56	46	50	53	63	57	61	55	45	61	57	62	68	76	74	79	79	76	78	70	62.8
	Minimum	39	39	46	60	42	47	37	42	35	25	26	34	32	32	32	38	50	35	40	33	32	37	44	42	48	51	61	61	57	50	43	41.6
Warren	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	Maximum	58	60	69	69	62	61	55	49	47	38	45	47	45	44	48	54	54	51	50	47	53	52	52	59	72	69	76	76	75	63	54	56.6
	Minimum	40	35	38	54	39	35	33	32	37	25	26	26	34	31	33	36	40	35	35	35	34	29	39	37	42	46	49	66	59	43	32	37.9

§§ Instruments are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

1.05
AR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, Ark., APRIL, 1924. No. 4.

GENERAL SUMMARY.

The month opened unseasonably cool, temperatures being 14° to 18° below the seasonal average with 18° recorded at northwestern stations and freezing to the southern border counties. This cool wave continued until the 6th when temperatures were again above normal. From the 14th to the 26th temperatures were 14° to 16° above normal with 94° recorded at several stations. During the remainder of the month near normal temperature conditions prevailed. The mean temperature, 61 4°, was the same as during April, 1923. The precipitation averaged 4.99 inches, this being the first month with an excess during this year. Showers, mostly light to moderate but reaching an inch or more in a few instances occurred about every four days until the last six days of the month when general rains were reported over practically the entire State, 3.00 to 5.00 inches occurring at numerous stations. These heavy rains brought sudden rises in all the streams, but none except the Petit Jean reached flood stage before the close of the month. The month was favorable for planting and germination, corn being planted and up in most sections and cotton planting well advanced. Strawberries were in excellent condition and picking in progress in southern and central portions at the close of the month. A tornado occurred a few miles north of Texarkana at 2:30 p. m. of the 29th, moving from southwest to northeast over a path about 100 yards wide. Property damage estimated at $25,000 was sustained, one person killed, and 17 injured.

W. C. H.

TEMPERATURE.

The mean temperature for April, as determined from the records of 47 stations, was 61.4° which is 0.2° above normal, positive and negative departures occurring in all sections of the State The highest monthly mean was 66.0° at Huttig, the lowest, 55.1° at Nail. The highest temperature recorded during the month was 94° at Subiaco on the 14th and at Dardanelle and Pine Bluff on the 15th. The lowest temperature recorded was 18° at Dutton and Gravette on the 1st. Extremes occurred on approximately these dates throughout the State.

PRECIPITATION.

The average precipitation for the month of April, as determined from the records of 67 stations, was 4.99 inches which is 0.21 inch above normal. Positive departures occurred in the Arkansas, Ouachita, and lower White river valleys and in the extreme northwestern section of the State while in most other sections negative departures were recorded. Monthly totals ranged from 8.53 inches at Waldron to 2.92 inches at Mountain Home. The greatest precipitation in 24 consecutive hours was 5.23 inches at Waldron on the 29th. The average number of rainy days was 8.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 3d, 4; 4th, 5; 5th, 1; 9th, 5; 12th, 2; 13th, 2; 14th, 2; 15th, 2; 16th, 9; 21st, 3; 22d, 4; 23d, 7; 24th, 7; 25th, 15; 26th, 7; 27th, 1; 28th, 2; 29th, 21; 30th, 2.

Solar Halos:- 6th, 1, 8th, 1; 28th, 1.

Lunar Halos:- 15th, 1; 16th, 1; 18th, 1.

Dense Fog:- 6th, 1.

MISCELLANEOUS DATA

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement m e s.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sun-shine.
Bentonville..	29.91	30.39	1	29.41	29	4,612	26	s.	16	.....	.....	57
Fort Smith...	29.93	30.40	31	29.47	29	6,551	45	nw.	29	76	55	65
Little Rock	29.96	30.42	1	29.45	29	6,923	46	nw.	25	76	52	65
Memphis....	29.98	30.40	2	29.46	30	5,309	52	nw.	29	75	52	58

Last Killing Frost in Spring.

Station.	Date.	Station.	Date	Station.	Date.
Amity	Apr. 2	Evening Shade	Apr. 1	Morrillton	Apr. 2
Arkadelphia	Apr. 2	Fayetteville	Apr. 1†	Mountain Home	Apr. 19
Arkansas City	Apr. 3	Fort Smith	Apr. 1	Mount Ida	Apr. 19
Arlberg	Apr. 1	Fulton	Apr. 1	Murfreesboro	....
Batesville	Apr. 3†	Georgetown	Apr. 2	Nail	Apr. 1
Bee Branch	Apr. 2†	Grannis	Apr. 2	Newport	Apr. 2
Bentonville	Apr. 1	Gravette	Apr. 2†	Okay	.....
Black Rock	Apr. 2	Harrison	....	Osceola	Apr. 2
Booneville	Apr. 1	Heber Spring	.....	Ozark	Apr. 1
Brinkley	Apr. 1	Helena	Apr. 2	Patterson	Apr 1
Calico Rock	Apr. 2	Higden	Apr. 2	Pindall	Apr. 2
Camden	Apr. 2	Hot Springs	Apr. 1	Pine Bluff	Apr. 1
Center Point	Apr. 1	Hope	Apr. 2†	Pocahontas	Apr. 2†
Clarendon	Apr. 2	Huttig	Apr. 1†	Portland	Mar. 15†
Clinton	Apr. 2	Jonesboro	Apr. 2	Prescott	Apr. 2†
Conway	Apr. 2	Junction	Apr. 2	Princeton	Apr. 1
Corning	Apr. 2	Lambrook	Apr. 2	Rison	Apr. 2†
Dam No. 1	.....	Little Rock	Apr. 1	Rogers	Apr. 2†
Danville	Apr. 2	Lutherville	Apr. 1	Searcy	Apr. 2
Dardanelle	Apr. 2†	Magnolia	....	Stuttgart	Apr. 2
Dodd City	.....	Malvern	Apr. 2†	Subiaco	Apr. 1†
Dumas	Apr. 2†	Mammoth Spring	Apr. 2	Texarkana	Apr. 1†
Dutton	Apr. 11†	Marianna	Apr. 2†	Waldron	Apr. 2
El Dorado	Apr. 1	Marked Tree	Apr. 2†	Warren	.....
England	Apr. 2	Marshall	Apr. 2	Whitecliffs	.....
Eureka Springs	Apr. 1	Mena	Apr. 2†	Wynne	Apr. 2†

† No killing frost record; last freezing temperature in spring.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
*Means and Extremes.	61.2		98	18	4.78		12	9	9	8
1891.....	62.8	+1.6	93	22	2.75	−2.03	15	10	5	8
1892.....	61.4	+0.2	97	22	6.98	+2.20	12	9	9	10
1893.....	64.9	+3.7	94	29	7.16	+2.38	11	10	9	8
1894.....	63.1	+1.9	91	29	6.18	+1.40	14	8	8	9
1895.....	63.1	+1.9	98	30	1.99	−2.79	15	8	7	6
1896.....	67.8	+6.6	94	24	3.65	−1.13	12	12	6	5
1897.....	61.4	+0.2	90	27	4.14	−0.64	12	11	7	9
1898.....	59.2	−2.0	93	19	3.09	−1.69	14	8	8	8
1899.....	60.7	−0.5	96	19	3.28	−1.50	10	11	9	7
1900.....	62.2	+1.0	96	24	4.98	+0.20	10	12	8	10
1901.....	58.1	−3.1	96	22	3.82	−0.96	14	8	8	6
1902.....	61.2	0.0	96	26	2.87	−1.91	11	11	8	8
1903.....	60.6	−0.6	91	26	1.86	−2.92	13	10	7	6
1904.....	56.8	−4.4	89	24	3.88	−0.90	11	9	10	8
1905.....	61.1	−0.1	96	25	6.29	+1.51	9	10	11	11
1906.....	63.7	+2.5	97	27	2.55	−2.23	15	7	8	6
1907.....	54.9	−6.3	89	24	5.44	+0.66	10	7	13	9
1908.....	63.3	+2.1	93	24	6.32	+1.54	9	9	12	12
1909.....	60.9	−0.3	88	24	4.52	−0.26	15	7	8	8
1910.....	59.8	−1.4	90	22	5.14	+0.36	12	9	9	9
1911.....	60.5	−0.7	90	29	9.86	+5.08	10	9	11	12
1912.....	61.9	+0.7	93	26	8.14	+3.36	9	11	10	12
1913.....	61.2	0.0	94	27	4.91	+0.13	17	6	7	6
1914.....	61.0	−0.2	94	19	4.57	−0.21	11	9	10	9
1915.....	64.3	+3.1	96	19	2.96	−1.82	14	8	8	5
1916.....	59.9	−1.3	92	24	3.65	−1.13	13	7	10	7
1917.....	60.4	−0.8	90	23	5.69	+0.91	14	7	9	9
1918.....	59.6	−1.6	96	25	7.63	+2.85	11	6	10	9
1919.....	61.6	+0.4	95	24	3.56	−1.22	14	6	10	7
1920.....	59.8	−1.4	94	21	5.49	+0.71	14	7	9	9
1921.....	59.8	−1.4	91	22	7.87	+3.09	14	6	10	9
1922.....	63.5	+2.3	90	26	5.54	+0.76	13	6	11	9
1923.....	61.4	+0.2	95	25	6.30	+1.52	14	7	9	11
1924.....	61.4	+0.2	94	18	4.99	+0.21	14	6	10	8

*Based on 31 years record.

Climatological Data for April, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	4.08	−1.54	1.25	0	6	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	186	28	.....	.....	.....	.....	.....	.....	.....	4.01	−1.38	1.05	0	7	5	0	25	sw.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	3.64	−1.02	0.87	0	9	12	6	12	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.95	.....	2.25	0	7	13	13	4	.....	J. D Reeves.
Batesville	Independence	277	25	58.4	− 0.5	88	16	23	1	44	4.59	−0.09	3.17	0	8	15	0	15	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	32	58.2[b]	− 2.7	85[b]	21	20[b]	1	42[b]	5.26	+0.29	2.50	0	7	14	8	8	ne.	J. E. Scanlan.
Bentonville	Benton	1303	19	58.6	+ 1.7	87	15	28	1	31	6.19	+2.30	3.42	0	6	17	3	10	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	4.65	−0.76	2.98	0	11	15	5	10	e.	Vernon C. Howe.
Booneville ††	Logan	600	10	64.0	+ 2.4	90	15	33	1	28	4.93	+0.74	3.18	0	7	15	7	8	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	63.3	+ 2.6	89	15†	27	1	36	6.02	+0.60	2.52	0	9	16	9	5	s.	H. L. D. Whitson.
Calico Rock	Izard	361	20	55.1[b]	− 3.0	90[c]	16	22	1	45[c]	3.86	−0.83	2.88	0	7	11	12	7	s.	W. J. Copp.
Camden	Ouachita	158	39	61.6	− 2.1	88	15	28	1	42	5.68	+0.74	1.83	0	12	14	6	10	s.	A. B. Quarterman.
Center Point	Howard	470	25	63.4	+ 0.7	91	15	31	1	33	3.68	−1.67	1.05	0	11	10	8	12	se.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	5.15	−1.18	1.03	0	11	9	5	16	s.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	5.13	.....	2.71	0	8	10	14	6	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	62.2	+ 0.7	90	15	26	1	42	5.34	−0.69	3.35	0	6	15	8	7	s.	E. E. Corprez.
Corning	Clay	293	31	59.0	− 0.6	87	8†	22	1	43	3.11	−1.77	2.10	0	8	18	8	4	sw.	Rev. N. E. Skinner.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	5.15	+1.27	2.88	0	6	16	0	14	w.	C. P. Evans.
Dardanelle	Yell	330	38	62.0	+ 0.6	94	15	32	2	41	5.19	+1.15	2.74	0	8	15	0	15	w.	J. D. Riley.
Dodd City	Marion	1175	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Neal Dodd.
Dumas	Desha	162	18	62.6	− 0.2	89	16	28	1	36	5.64	+0.69	2.12	0	13	10	13	7	s.	Ben Johnson.
Dutton	Madison	1590	21	55.9[a]	− 0.1	86[a]	15	18[a]	1	43[a]	4.19	−1.57	1.85	0	10	12[a]	9[a]	8[a]	s.	J. M. Ricketts.
El Dorado ††	Union	270	23	64.1[c]	− 0.7	85[c]	16†	30[c]	1	36[c]	4.71	−0.38	1.70	0	11	9[c]	6[c]	12[c]	ne.	J. J. Babb.
England	Lonoke	229	17	63.2	+ 1.1	89	16	30	2	38	8.29	+2.05	2.72	0	9	12	7	11	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	60.0	+ 1.6	89	15	23	1	36	4.45	−0.22	1.65	0	7	12	12	6	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	.....	.....	.....	.....	.....	.....	.....	5.15	.....	2.58	0	.....	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	59.8	+ 1.8	86	15	25	1	32	4.51	−0.01	1.91	0	8	17	3	10	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	61.8	0.0	91	15	31	1	36	7.57	+3.67	3.40	0	7	11	10	9	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	4.05	−0.38	1.16	0	8	12	7	11	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	6.33	+0.58	3.70	0	9	16	3	11	s.	Arthur Lentz.
Grannis	Polk	900	6	60.0	.....	88	15	25	1	41	5.72	.....	3.50	0	10	17	5	8	e.	W. E. Mc Vay.
Gravette	Benton	1250	27	58.8	+ 2.2	89	15	18	1	42	6.98	+2.87	3.12	0	7	12	6	12	sw.	A. F. Stevens.
Harrison	Boone	1552	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Brooks.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	7.07	+1.39	2.90	0	11	14	3	13	.....	James A. Burnett.
Hope	Hempstead	377	53	63.3	+ 0.1	90	15	29	1	40	5.53	....	3.67	0	7	17	8	5	sw.	J. A. Ingram.
Hot Springs	Garland	600	33	61.8	− 0.7	87	15	27	1	39	4.16	−1.30	1.98	0	7	18	5	7	se.	N. P. O'Neal.
Huttig	Union	175	17	66.0	+ 0.6	91	16	32	1	40	5.01	+1.01	1.82	0	11	15	7	8	.....	P. P. Patraw.
Jonesboro	Craighead	345	29	61.6	+ 0.4	88	16	26	1	36	6.60	+1.24	1.90	0	9	15	4	11	sw.	J. L. Collett.
Junction	Union	182	30	64.9	− 0.7	92	15	28	1	45	4.48	−0.32	1.98	0	10	15	6	9	sw.	Benedictine Sisters.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	5.28	+0.41	1.39	0	6	16	5	9	n.	J. A. Lowderback.
Little Rock	Pulaski	286	45	62.6	+ 0.5	88	15	31	1	32	5.99	....	1.76	0	9	17	3	10	.....	G. A. Newton.
Lutherville ‡‡	Johnson	775	27	62.0	+ 2.2	89	15	27	1	36	5.43	+0.92	1.94	0	10	10	9	11	s.	U. S. Weather Bureau.
Magnolia	Columbia	315	6	.....	.....	.....	.....	.....	.....	.....	3.76	−0.70	1.48	0	7	16	7	7	e.	H. Kauffeld.
Malvern	Hot Springs	277	37	63.2	+ 2.1	89	15	26	1	44	4.95	−0.22	1.15	0	9	16	5	9	sw.	State Agri. School.
Mammoth Spring	Fulton	512	19	58.9	+ 0.5	89	16	21	1	47	3.56	−1.66	2.60	0	8	10	12	8	s.	Mrs. W. L. Matthews.
Marianna	Lee	235	16	62.8	+ 2.3	88	16	27	1	38	5.97	+2.10	1.70	0	9	16	8	6	s.	F. M. Daniel.
Marked Tree	Poinsett	229	19	61.6	.....	90	15	28	1†	41	3.64	−1.95	1.69	0	11	20	3	7	se.	C. N. Houck.
Marshall	Searcy	1083	10	60.4	.....	86	15	27	1	37	4.42	−1.68	1.80	0	7	16	5	9	se.	Charles Walton
Mena ††	Polk	1185	38	60.9	− 0.5	89	15	28	1	39	6.04	+2.28	1.62	0	7	17	7	6	w.	W. F. Reeves.
Morrillton	Conway	347	3	63.4	.....	91	15	32	1†	39	4.56	.....	3.00	0	5	20	2	8	s.	E. W. St. John.
Mountain Home	Baxter	800	11	58.6[a]	.....	91[a]	15	21[a]	1	47[a]	2.92	−1.28	1.60	0	7	14[a]	5[a]	10[a]	w.	W. E. Arnold
Mount Ida	Montgomery	730	25	60.2	.....	91	15	22	1	55	3.66	−2.05	1.54	0	8	12	3	15	sw.	B. S. Halbert.
Murfreesboro ††	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	3.34	−2.99	1.30	0	6	18	2	10	.....	G. A. Whittington.
Nail	Newton	2233	28	56.3	+ 0.3	84	15	34	1	40	4.13	−1.31	1.25	0	7	13	9	8	s.	Henry A. Davis.
Newport	Jackson	231	40	63.4	+ 1.6	90	15†	28	1	40	4.71	−0.28	2.25	0	12	11	10	9	sw.	Charles Paxton.
Osceola ††	Mississippi	240	26	61.8	+ 1.3	90	16	25	1	42	2.45	−1.81	1.27	0	11	21	2	7	s.	Geo. L. Robinson.
Ozark	Franklin	450	28	61.6	+ 0.8	91[a]	15	37[b]	18	41[b]	5.22	+0.68	1.94	0	5	11[b]	10[b]	7[b]	s.	W. W. Prewitt.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	4.50	−1.81	2.50	0	6	20	0	10	e.	Isham Burrow.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	3.26	.....	1.52	0	8	12	8	10	n.	W. E. Baker
Pine Bluff	Jefferson	215	37	62.4	− 2.0	91	15	29	1	42	4.19	−1.31	0.95	0	8	12	8	10	nw.	W. W. Wood.
Pocahontas	Randolph	300	30	60.7	+ 0.7	87	16	24	1	41	5.32	+0.54	2.25	0	10	14	2	14	se.	Miss Theares Scheu.
Portland	Ashley	122	18	64.6	+ 0.9	87	16	34	1†	35	6.19	+0.89	1.37	0	11	13	6	11	s.	Benedicitine Sisters
Prescott	Nevada	329	36	63.7	+ 0.8	90	15	30	1	38	4.50	+0.89	1.41	0	9	10	12	8	n.	W. E. Edmiston.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	4.50	+0.89	1.41	0	11	17	7	6	s.	O. J. Stephenson.
Rison	Cleveland	243	23	63.9	+ 0.9	88	15	27	1	35	5.53	+0.01	2.20	0	7	16	5	9	.....	Foote Coleman.
Rogers	Benton	1385	34	58.8	+ 0.7	88	15	21	1	37	6.23	+1.72	1.59	0	9	14	9	7	ne.	Geo. H. Tisdale.
Searcy	White	236	11	61.0	− 0.6	89	16	25	1	41	5.02	+0.67	2.19	0	8	13	10	7	s.	Carl A. Starck.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	5.02	−0.42	2.50	0	8	13	5	12	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Stuttgart	Arkansas	228	37	61.8	− 0.2	87	15	26	1	35	3.25	−4.17	1.45	0	9	13	2	15	.....	Miss Grace Field.
Subiaco	Logan	1050	27	63.2	− 2.1	94	14	30	1	43	6.03	+0.81	2.30	0	8	16	11	3	se.	H. A. Buerkle.
Texarkana	Miller	332	39	64.9	+ 1.1	92	15	30	1	40	5.51	+1.23	1.66	0	8	20	6	4	s.	New Subiaco Abbey.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	5.08	−0.15	2.70	0	8	15	5	10	s.	H. S. Brashear.
Warren	Bradley	206	28	.....	.....	.....	.....	.....	.....	.....	8.53	.....	5.23	0	7	10	5	15	sw.	Dr. Cheves Bevill.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. W. L. Hartsell.
Wynne	Cross	250	18	61.9	+ 0.6	88	16	26	1	35	4.17	−1.42	2.23	0	12	12	7	11	ne.	Nannie O. Schirm er
State Means and Extreme				61.4	+ 0.2	94	14†	18	1	55	4.99	+0.21	5.23	0	8	14	6	10	s.	E. O. Allen.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. **T.** Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for April, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Clark			.70							.30							.30								1.13	.40			1.25			4.08
Arkadelphia ‖	Ouachita			.91							.30							.30									.95		1.05	.10			4.01
Arkansas City ‖	Mississippi	T.		.43					T.	.70	.54							.87					.40				.20		T.	.34	.40		3.64
Arlberg	White			.10					.15							.20							.12		.04		.40	.25		2.25	.60		3.95
Batesville ‖	White	T.		T.					.21	.12				.09	T.		.08					T.				.34	.20	.38	T.	3.17		4.59
Bee Branch	Arkansas								.43					.12	T.	T.	.42									.91	.22		2.50	.66		5.26
Bentonville ***	Arkansas		.14		T			T.			.06	T.			.17											2.40						6.19
Booneville	White	T.		.03	T.				.16					.17	.06				.16	.05				.10	3.32							4.65
Brinkley ‖	Arkansas									.18						.09									.74		.47		3.18	.23		4.93
Calico Rock ‖	White			.11						1.10				.14				.71				.04				.19	.06	.30		2.98		6.02
Camden ‖	Ouachita			.10					.04		T.		T.	T	.01			.16								.32	.08	.92	.12	2.52		3.86
Center Point	Red			.59					.13	1.56	.09			.01									.47	.28		1.83	.59	.02	.03	.08		5.68
Clarendon ‖	White	T.		.33	.29				.13	T.	.04					.04	T.						.80	T.	.45	.04	1.05	.32		.19			3.68
Clinton	White			T.	.17				.02	1.03	.03			.03			.62									.34	.23	.97	.70	1.01		5.15
Conway	Arkansas				.12				.53				T.	T.	.05	T.	.32		T					T.		T.	.38	.16		2.71	.86		5.13
Corning	White				.23				.28						.13			T.									.79	.56		3.35			5.34
Danville ‖	Arkansas				.05										.07		.17		.02						.15		.10		2.10	.45		3.11
Dardanelle	Arkansas				.43											.18										.20	.75			2.88		5.19
Dodd City	White				.32																					.20	.75	.10		.47	2.74		5.19
Dumas	Arkansas			.45		.02				2.12	.28	.02						.90		T.			.06		.05		.65	.30	.20	.04	.55		5.64
Dutton	White			.12	.20				.53	.65				.12		.07	.21							T.			.18			1.85	.26		4.19
El Dorado ‖	Ouachita	.01			.50				.02	.82	.45						.05						.15	.36							.05		4.71
England	Arkansas			T.	.38				2.48	.20				.02		.20	.43									1.70	.60					8.29
Eureka Springs	White				.12				.15			T					.12									1.06	.80		2.72			4.45
Evening Shade	White									1.41				1.07											1.12	.37			1.65	.92		5.15
Fayetteville	White			T.	.17				.13			.12		.03			.06									.86			2.58	.23		4.51
Fort Smith ***	Arkansas			.30				T.		T	.02	.16	1.66		T.											1.91			1.67	.42		7.57
Fulton ‖	Red				.49				T.	.15	T.			T.			.40					.10		T.	.20	3.21			2.02			4.05
Georgetown ‖	White				.10					.90				.10		.40									.75	1.16	.66			.34		6.33
Grannis	Red			.45	.28				.03																.08	.20		.55	.30		3.70		5.72
Gravette	Arkansas			.18										T.		.03														.44	.02		5.72
Heber Springs	White												.09	T.			.28									3.12	.45			1.00	1.86		6.98
Helena	Mississippi				.34																												
Higden	White			.15						1.82		.12		.04				1.14		.01			T.			.01	.01	.56	.12	2.90		7.07
Hope	Red			.72				.11					.08			.52																5.53
Hot Springs	Ouachita			.02	.70	T.		T.	.37	.02		T.	T.			.28							T.	.01	T.		1.98	.68		.21			4.16
Huttig	Ouachita				.90				.10	1.00						.27	.04								.03	1.16	.58		1.30	.52		5.01
Jonesboro	White				.10				.31								.00					.20	.10			1.90	.20		1.60			6.60
Junction	Ouachita			.73					.48	1.21				.29	.57		.20	T.						.07		.01	.22		1.98	.73		4.48
Lambrook ‖	White			.35					1.20	.47					.03	.20						T.				1.39	T.		1.27			5.28
Little Rock ***	Arkansas			.41					.87	.05			T.	.10	.14	.24	1.36	T.								.19	.63	1.70	.06			5.99
Lutherville	Arkansas				.18				.10					.22		.47									T.	.38	.33	.97		1.94			5.43
Magnolia	Red																									.78			1.48	.53		3.76
Malvern	Ouachita				.60				.03	1.15							.65															
Mammoth Spring	White				.06	.01			.27					.03			.11									.80	.87	.21	.40	.24		4.95
Marianna	Mississippi				.36				1.70	.42	.01				.15		1.56									.34	.14	T.		2.60		3.56
Marked Tree ‖	Mississippi	.06			.23	.01				.22	.01			.05	.37		.34		T.							.02	.54		1.21			5.97
Marshall	White			.04					.15			T.				.50									T.		.30	.36		1.69			3.64
Mena ‖	Ouachita				.39					.39													.10			1.18			1.80	.65		4.42
Morrilton	Arkansas				.23												.11								1.48	1.41	T.		1.62	.64		6.04
Mountain Home	White				.10												T.									.60	.18		3.00	.55		4.56
Mount Ida	Ouachita			.80	.20									.05		.05						.05				.54			1.60	.53		2.92
Murfreesboro	Ouachita				.87							.02					.11								.02	1.25	.22		1.54			3.66
Nail	White		T.		.40					.31						.26							.17			1.30	.43					3.34
Newport ‖	White	.11			.19				.50							.23	.10								T.	1.25			1.20	.45		4.13
Osceola ‖	Mississippi				.16				.21	.25				.12	.08		.14									.45	.12	.75	.04	2.25		4.71
Ozark	Arkansas			T.	.25					.13	.03			.02	.03		.35		.02								.10	.34		1.27			2.45
Patterson ‖	White													.96											1.94	.65			1.42	T.		5.22
Pindall	White				.18					.70							.40								.15	.15	.60				2.50		4.50
Pine Bluff ‡	Arkansas				.38				.09	.08		.02				.23										.87						3.26
Pocahontas	White				.10				.05	.85				.10	.07		.26								T.	.95	.60	.13				4.19
Portland	Ouachita				.33				.35					.52	.05		.10	.10							1.30	.10	.10		2.25	.35		5.32
Prescott	Ouachita				.80					1.37	.35			.05			.65						1.03			.10	.10					6.19
Princeton ‖	Ouachita				.50				.09	.39				T.			.27						.28	.16		.01	1.41	.92	.04	T	.13		4.50
Rison	Ouachita				.42			.25	.49								.50						2.20				.50	1.09					5.53
Rogers	Arkansas			T.	.11				1.23	1.59	.06						.32						.30			1.27	.60		.50			6.29
Searcy	White				.05				.06			.21	T.			.11									1.92	.42			1.58	.61		5.02
Snow Lake	Mississippi								.10					.05		.10										.10	.12		2.50	2.60		5.02
Springbank ‖	Red				.48																											
Stuttgart	Arkansas			T.	.22				.05	.42	.22			.03			.10					T.	T.			1.45	.45		T.	.05		3.25
Subiaco	Arkansas			.17	.03				1.01	.34						.09	.58									.60	1.09		2.30			6.03
Texarkana ‖	Red												.52		T.									.63	.84	1.34			1.66	.32			5.51
Waldron	Arkansas				.48					.08				.01												2.70	1.05	.52				.06	5.08
Warren	Ouachita				.50							T.				T.						.03		.04	.22	1.41	1.10			5.25			8.53
Whitecliffs	Red				.65					.20																						
Wynne ‖	Mississippi	.03			.12					.73				.03	.04		.42		.01							.90	1.50						3.25
																										.02	.16	.30	.08	2.28			4.17

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Estimated for first ten days. ‖ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for April, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.9	13.2	13.0	12.5	11.3	11.0	10.4	10.0	9.7	9.3	9.0	8.8	8.6	8.5	9.3	9.9	9.1	8.4	8.2	7.7	7.6	7.4	7.2	7.0	7.0	13.6	20.0	19.5	18.6	20.5	
Dardanelle	do	20	10.6	11.6	11.4	10.5	10.1	9.4	8.8	8.2	7.8	7.4	7.1	6.7	6.5	6.3	6.6	6.7	6.5	7.0	6.5	6.3	6.3	6.1	5.8	5.0	4.7	4.4	15.0	17.0	17.5	19.2	
Little Rock	do	23	9.6	9.8	10.5	10.4	10.0	9.4	8.3	7.7	6.5	6.5	6.4	5.9	5.5	5.0	4.8	4.9	5.0	5.0	5.5	4.8	4.4	4.3	3.6	3.4	3.1	2.9	3.0	13.3	17.0	18.5	
Pine Bluff	do	25	14.0	13.6	13.8	14.3	14.1	13.6	13.1	12.4	11.9	11 7	11.1	10.7	10.1	10.1	9.7	9.5	9.5	9.5	9.7	9.7	9.1	8.6	8.3	7.8	7.5	7.5	7.4	8.7	17.4	19.5	
Black Rock	Black	14	6.7	6.8	6.7	6.4	6.2	5.9	5 9	5.9	5.9	5.8	5.7	5.7	5.6	5.4	5.2	5.0	5.0	4.6	4.5	4.5	4.4	4.3	4.2	3.8	4.1	3 9	4.0	3.8	3.6	12.8	
Calico Rock	White	18	5.2	5.3	4.8	4.3	3.9	3.7	3.3	3.3	3.2	3.1	2.4	3.0	2.2	2.0	2.7	2.2	2.0	1.6	2.2	2.3	1.6	1.5	1.5	1.5	1 5	1 6	1.6	2.2	3 2	10.6	
Batesville	do	23	10.8	11.2	10.5	10.3	9.9	9.5	9.3	8.7	9.0	9.0	8.7	8.3	8.4	7.9	7.7	8.3	7.8	7.7	7.0	7.9	7.8	6.9	6.5	6.5	6.5	6.8	6.9	6.8	8.2	15 5	
Newport	do	26	9.3	9.4	9.6	9.6	9.5	9.4	9.3	9.2	9.0	9.0	9.0	8.6	8.6	8.5	8.3	8.0	8.1	8.0	7.6	7.3	6.9	6.6	6.2	6.0	6.0	5.9	6.2	6.5	6.1	6.3	
Georgetown	do	22	13.2	13.1	12.9	12.8	12.7	12.4	12.0	11.4	10.8	10.2	9.8	9.5	9.0	8.8	8.6	8.2	7.8	7.6	7.2	7.0	6.6	6.1	6.2	6.0	5.8	5.6	5.4	5.4	5.4	8.0	
Clarendon	do	30	20.7	20.8	20.9	21.0	21.0	20.9	20.8	20.7	20 4	20.4	20 1	19.8	19.5	19.2	18.8	18.5	18.1	18.1	17.9	17.7	17.5	17.2	16.9	16.6	16.3	15 9	15.5	15.4	15.3	16.5	
Helena	Mississippi	42	27.6	28.4	29.5	30.7	31.9	33.0	34.0	34.9	35.6	36.3	36.8	37.2	37 6	37.9	38.2	38.3	38.5	37.8	37.1	36.0	31.9	33.8	32.9	32.3	31.9	31.8	31.7	31.6	31	31.0	
Arkansas City	do	48	33.2	33.5	33.8	34.5	35.1	36.0	36.8	37.3	38.0	38.7	39.3	39.7	40.1	40.4	40.7	41.0	41.2	41.5	41.5	41.2	40.9	40.5	40.0	39 2	38.5	38.0	37.4	37.6	36.7	36.8	
Camden	Ouachita	49	20.6	20.3	19.2	19.2	18.9	16.7	14.3	14.3	11.6	14.8	15.1	16.0	14.7	14.1	13.7	12.2	11.9	11.4	11.0	9.2	8.8	8.5	8.5	8.2	7.8	8.2	9.4	13.5	17.0	20 9	
Danville	Petit Jean	20	7.0	6.8	5.4	5.4	5.7	6.0	5.8	5.6	5.3	5.1	5.0	4.8	4.8	4.7	4.6	4.4	4.4	4.2	4.0	3 9	3.9	3.8	3.7	3.7	3.6	3.6	8 0	9.7	6.7	24.1	
Fulton	Red	28	16.3	15.6	14.7	13.9	13.3	13.1	13.2	13.0	12.5	12.0	11.8	11.5	11.1	10.8	10.5	10.2	10.1	9.9	9.6	9.6	9.5	9.4	9.2	9.1	9.8	11.2	13.2	22.6	24.6	25.7	
Arkadelphia	Ouachita	18	3.3	3.0	2.5	2.9	3.1	2.9	2.6	2.4	2.0	2.1	2.8	2.9	2.7	2.5	2.4	2.3	2.3	2.2	1.7	1 5	1.2	1.0	1.1	1.0	1.0	1.0	1.5	2.0	4.4	5.4	
Patterson	Cache	9	7.1	7.1	7.2	7.2	7.2	7.1	7.0	6.9	6.8	6.8	6.8	6.8	6.6	6.4	6.2	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5 8	5 8	5 9	

Daily Temperatures for April, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	53	64	64	59	68	74	82	84	62	62	68	71	82	76	87	88	66	67	77	78	76	77	77	77	80	77	72	76	59	68	....	72.4
	Minimum	23	26	29	41	41	43	39	44	60	49	37	35	38	53	52	55	56	34	34	37	60	41	37	47	54	60	55	44	51	54	....	44.3
Bee Branch	Maximum	52	62	62	59	66	72	78	....	....	59	65	72	77	78	80	95	75	61	76	78	85	74	74	74	76	77	74	75	77	61	....	71.9
	Minimum	20	26	40	42	38	48	42	....	....	45	37	37	46	44	55	60	49	33	34	46	54	46	43	51	61	55	51	43	52	50	....	44.6
Bentonville	Maximum	51	64	64	55	67	70	78	84	68	61	65	66	78	75	87	77	60	61	75	79	81	71	76	83	69	58	67	75	62	60	....	69.6
	Minimum	28	34	44	44	47	41	48	59	48	44	44	48	52	55	58	54	42	40	44	48	54	47	50	60	58	49	42	44	54	47	. .	47.6
Booneville	Maximum	55	61	62	60	71	69	80	83	78	63	69	74	83	88	90	89	80	70	76	84	81	88	76	82	80	68	71	68	65	68	....	74.4
	Minimum	33	37	35	38	46	54	57	60	54	44	50	51	56	60	65	66	62	58	61	63	60	60	53	61	60	54	56	50	55	50	....	53.6
Brinkley	Maximum	55	65	65	60	76	76	82	83	79	56	67	76	82	84	89	89	84	71	75	83	77	79	80	83	85	80	72	79	75	71	....	75.9
	Minimum	27	29	39	46	46	56	46	59	52	44	43	40	52	60	61	64	58	41	41	48	58	53	46	58	67	62	58	52	57	57	...	50.7
Calico Rock§§	Maximum	....	....	71	57	69	75	83	85	66	64	69	73	84	77	90	88	64	67	80	79	81	75	75	76	80	71	74	79	62	67	....	77.1
	Minimum	22	26	26	41	39	39	36	38	51	46	35	35	41	52	51	55	51	33	33	39	49	39	36	41	52	58	52	43	46	54	....	42.1
Camden§§	Maximum	60	67	62	59	76	78	80	80	74	53	68	73	80	80	88	83	74	72	77	82	79	78	80	81	80	71	72	79	76	73	....	74.5
	Minimum	28	29	30	48	45	46	43	44	60	47	45	43	44	50	60	62	60	39	37	40	46	57	53	55	62	60	60	54	56	57	....	48.7
Center Point	Maximum	62	65	59	61	68	77	77	79	75	60	68	75	78	79	91	80	68	71	79	83	79	78	78	81	76	73	77	77	73	69	....	73.9
	Minimum	31	37	45	47	49	54	53	58	56	47	42	48	56	57	63	62	54	45	46	54	56	59	59	62	63	59	57	57	63	51	....	53.0
Conway	Maximum	57	66	65	63	72	76	84	84	73	60	68	76	85	83	90	87	70	70	79	83	76	79	77	76	80	73	72	78	67	68	....	74.6
	Minimum	26	29	44	47	44	56	46	52	55	49	41	40	49	60	59	65	57	37	37	46	58	48	56	57	64	60	54	47	57	52	....	49.7
Corning	Maximum	52	66	62	60	72	74	84	87	77	67	60	68	77	72	87	79	68	64	77	76	80	80	77	79	82	80	74	77	69	69	....	73.2
	Minimum	22	25	32	44	44	52	41	52	44	49	34	48	51	44	70	44	49	32	37	42	51	40	34	50	59	58	56	42	49	51	....	44.9
Dardanelle	Maximum	57	64	62	64	69	76	84	86	78	61	67	80	83	78	94	86	68	68	82	84	81	78	77	80	74	81	77	80	77	78	....	75.8
	Minimum	34	32	47	49	49	55	47	56	55	52	42	44	43	44	62	61	54	38	43	50	52	48	46	46	52	40	54	52	56	50	....	48.2
Dodd City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dumas	Maximum	53	65	65	63	72	73	80	74	70	62	65	72	70	75	88	89	78	70	76	82	80	76	76	84	82	75	68	77	76	71	...	73.6
	Minimum	28	30	40	47	45	54	47	55	62	47	45	43	40	58	62	64	65	44	40	50	54	60	57	55	66	61	58	52	62	60	....	51.7
Dutton	Maximum	51	61	60	59	65	69	78	81	70	61	65	66	....	77	86	79	65	61	75	76	77	75	72	76	74	67	71	74	63	59	....	69.4
	Minimum	18	24	42	41	44	38	38	49	51	39	32	38	....	43	50	63	40	28	32	39	55	36	42	53	58	54	46	37	53	47	....	42.4
El Dorado	Maximum	59	67	61	60	78	78	81	82	78	65	68	73	....	....	....	85	75	73	78	84	82	80	82	82	82	78	75	82	77	73	..	75.5
	Minimum	30	33	46	49	46	58	48	60	64	45	45	46	....	....	....	52	63	44	42	52	56	59	55	60	67	59	61	59	66	57	....	52.7
England	Maximum	55	66	65	63	71	75	85	85	76	60	68	74	84	84	88	89	71	71	77	83	78	78	77	80	81	75	68	78	72	70	....	74.9
	Minimum	39	30	41	46	46	55	47	47	53	46	45	43	52	61	63	63	61	41	40	51	58	55	51	56	67	60	58	54	58	58	....	51.5
Eureka Springs	Maximum	55	66	66	59	69	71	79	84	75	65	70	66	79	78	89	87	67	60	75	76	80	77	80	80	77	59	69	80	70	62	....	72.3
	Minimum	23	34	43	42	45	42	52	62	49	43	41	46	52	55	58	66	40	45	46	45	60	45	46	55	57	51	43	44	53	47	....	47.7
Evening Shade	Maximum	....	....	....	....	....	....	....	....	....	....	70	73	90	80	90	88	88	68	78	78	79	92	75	81	93	80	70	76	70	68	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	36	35	49	58	53	61	51	35	34	45	44	42	37	52	59	59	44	44	52	51	..	....
Fayetteville	Maximum	52	63	63	62	65	68	77	82	77	74	67	66	76	76	86	85	65	61	75	78	78	76	78	76	76	58	68	75	71	60	....	71.1
	Minimum	25	33	47	42	44	43	52	61	51	56	41	46	49	55	56	65	39	39	48	49	60	47	51	61	58	48	44	43	53	48	...	48.5
Fort Smith	Maximum	56	67	60	60	70	72	80	86	71	61	67	74	81	75	91	78	63	64	80	85	80	76	76	84	69	60	71	76	61	64	....	72.1
	Minimum	31	38	46	46	49	51	49	57	57	50	46	51	56	57	62	60	47	42	44	54	63	52	56	60	60	52	50	54	51	51	....	51.4
Grannis	Maximum	57	62	56	62	64	73	78	76	73	71	68	73	74	77	88	80	65	66	76	81	76	78	76	84	72	69	78	75	74	65	....	72.2
	Minimum	25	32	42	44	45	52	49	50	51	47	37	42	49	53	56	58	48	36	35	47	53	53	53	60	58	56	50	46	61	49	....	47.9
Gravette	Maximum	53	65	63	56	66	72	78	85	80	62	66	66	79	75	89	85	66	62	76	82	80	80	78	81	77	60	66	77	74	61	....	72.0
	Minimum	18	31	44	42	44	36	42	61	54	44	40	44	43	49	51	61	39	35	35	40	60	59	49	55	59	47	36	40	54	54	....	45.5
Hope	Maximum	63	67	60	60	75	77	82	80	79	58	72	67	82	79	90	80	72	71	80	84	70	80	83	84	82	74	76	80	76	70	....	75.1
	Minimum	29	31	43	48	47	57	45	60	56	48	42	48	51	54	63	58	59	40	40	43	58	60	56	60	61	60	59	56	59	57	...	51.6
Hot Springs	Maximum	57	66	63	64	72	75	79	79	76	58	69	74	81	81	87	84	68	68	78	83	76	79	79	77	80	73	76	78	72	65	....	73.9
	Minimum	27	31	45	45	46	53	46	56	54	45	40	43	50	55	52	61	55	39	39	50	58	50	52	57	63	59	55	54	57	55	....	49.7
Huttig	Maximum	58	67	68	61	80	80	81	84	83	79	69	74	82	86	90	91	86	79	78	85	84	85	82	84	85	84	79	84	81	74	....	79.6
	Minimum	32	35	36	50	47	57	45	56	56	46	44	44	51	61	62	63	65,	39	40	47	50	55	55	58	65	60	62	60	65	57	....	52.4
Jonesboro	Maximum	52	64	60	56	68	75	83	87	77	56	66	75	84	79	86	88	80	71	75	77	78	74	76	79	81	76	72	75	67	67	....	73.5
	Minimum	26	28	35	45	49	53	50	55	51	46	42	40	52	60	58	65	56	42	44	51	57	49	43	53	67	60	58	48	53	53	....	49 6
Junction	Maximum	60	67	57	67	79	68	78	85	77	65	69	74	80	88	92	82	74	75	82	88	81	82	81	83	78	73	78	81	82	72	..	76 7
	Minimum	28	29	40	46	52	56	42	61	65	46	44	51	56	61	64	62	52	39	37	48	57	61	63	65	64	58	59	62	63	58	....	53.1
Little Rock	Maximum	53	63	62	62	69	73	79	82	69	57	66	73	82	83	88	88	67	68	78	82	73	77	74	75	80	71	69	74	68	66	...	72.4
	Minimum	31	38	47	46	48	57	51	58	53	46	48	50	53	60	63	66	54	45	46	55	58	58	52	60	59	60	55	54	56	55	...	52.7
Lutherville	Maximum	55	63	60	61	68	74	79	82	71	62	66	72	79	77	89	83	65	65	78	78	76	78	73	75	74	72	70	77	69	63	....	71.9
	Minimum	27	36	44	44	47	51	50	55	55	48	42	46	53	55	61	61	49	39	42	55	58	54	52	58	64	54	52	48	53	53	..	52.1
Malvern	Maximum	61	66	64	60	75	77	83	82	78	60	69	75	83	84	89	88	72	72	80	84	80	81	80	80	82	76	72	79	76	70	...	75.9
	Minimum	26	29	43	46	46	51	44	53	55	47	44	40	48	57	59	65	59	39	36	46	58	55	51	57	66	60	58	54	62	57	....	50.4
Mammoth Spg. §§	Maximum	51	65	65	56	68	72	85	86	66	63	69	73	82	77	83	89	63	70	78	76	80	71	76	77	82	78	76	75	58	65	...	72.5
	Minimum	21	25	34	42	45	47	38	48	55	46	36	36	45	48	50	67	52	31	33	45	57	41	38	56	63	57	52	48	53	52	....	45.3
Marianna	Maximum	52	63	66	60	80	81	82	83	76	56	65	73	82	84	86	88	82	71	73	81	82	75	77	83	83	80	76	77	74	70	....	75.4
	Minimum	27	30	41	47	45	43	44	54	52	44	45	43	53	54	62	65	62	44	41	48	49	59	50	57	68	63	53	55	51	58	...	50.3
Marked Tree §§	Maximum	64	63	59	68	74	81	85	67	59	67	73	82	83	85	90	72	70	74	78	78	74	76	83	81	87	65	76	61	67	69	....	73.8
	Minimum	28	28	43	48	51	43	52	61	40	40	40	48	56	62	64	60	42	41	48	58	48	43	50	55	62	58	51	53	55	47	....	49.4
Marshall	Maximum	53	65	62	59	69	76	80	83	76	61	66	60	82	78	86	80	70	67	76	77	72	64	74	73	80	74	70	74	70	62	...	71.1
	Minimum	27	34	45	45	46	49	43	63	55	43	47	47	57	60	61	64	50	40	47	50	64	46	50	51	52	52	52	41	56	53	....	49.7
Mena	Maximum	57	66	57	59	68	73	80	79	70	62	68	73	77	82	89	81	63	65	78	82	76	79	81	85	73	70	76	80	68	65	....	72.7
	Minimum	28	30	42	41	47	53	47	59	50	47	38	46	54	58	57	62	45	37	39	49	56	54	54	60	60	58	50	46	55	49	....	49.1
Morrillton	Maximum	58	61	63	66	71	74	83	84	78	62	69	74	83	82	91	85	71	70	79	84	82	81	78	79	81	77	77	76	71	68	....	75.3
	Minimum	32	32	45	45	45	54	48	52	57	50	44	44	52	60	61	64	56	39	40	48	69	52	52	59	65	60	54	50	56	57	....	51.5
Mt. Home	Maximum	52	65	61	54	68	74	....	87	75	63	69	74	84	78	91	87	66	65	79	78	80	76	77	80	80	74	78	78	66	65	....	73.2
	Minimum	21	24	39	42	39	43	....	43	52	40	38	48	45	51	54	61	44	31	32	41	56	40	40	50	62	53	49	39	51	49	....	44.0
Mount Ida	Maximum	59	66	62	66	72	76	83	80	74	60	69	75	80	83	91	83	68	69	80	84	77	80	80	82	78	73	77	80	66	67	....	74 5
	Minimum	22	24	40	45	44	52	37	37	51	49	39	39	45	51	52	65	52	31	25	42	59	45	46	58	65	59	53	44	57	52	....	46 0
Nail	Maximum	50	53	57	59	60	70	79	77	69	69	69	70	75	79	84	77	69	58	59	60	70	74	70	70	70	69	76	69	60	62	....	67 8
	Minimum	31	36	37	37	38	38	39	50	49	49	50	49	50	50	57	57	40	40	41	40	40	40	48	47	53	51	51	45	45	42	....	44 8
Newport	Maximum	55	65	65	60	70	78	85	86	80	60	70	75	85	79	90	90	84	72	80	84	79	80	80	78	82	77	72	80	70	70	....	76.0
	Minimum	28	30	40	46	47	55	45	55	53	49	42	41	53	60	61	69	60	41	43	50	60	50	44	57	66	60	56	50	56	55	....	50.7
Osceola	Maximum	51	63	63	60	63	74	84	86	74	61	69	76	83	83	87	90	80	74	75	78	81	76	77	85	84	80	69	74	64	70	....	74.5
	Minimum	25	27	36	38	39	49	42	47	56	44	39	42	47	51	60	63	60	40	39	45	55	46	45	45	55	61	57	50	54	54	....	47.0
Ozark	Maximum	63	66	61	62	71	76	82	86	64	65	69	74	82	78	91	80	71	68	80	83	80	79	75	81	74	66	....	78	69	65	....	73.8
	Minimum	39	38	46	46	50	48	44	...	51	50	41	41	53	57	62	65	49	37	39	50	46	48	55	62	64	55	....	49	55	43	....	49.4
Pine Bluff	Maximum	59	59	65	65	69	78	81	87	73	69	70	80	85	89	94	92	75	72	79	81	79	75	79	85	87	84	74	81	78	77	....	74.1
	Minimum	29	30	41	42	46	55	42	56	44	44	45	43	54	59	53	64	62	42	42	51	54	59	54	57	60	60	57	54	62	57	....	50.6
Pocahontas	Maximum	53	63	60	56	65	74	84	84	82	64	69	70	80	82	85	87	84	69	75	75	76	74	75	74	78	78	77	76	70	68	....	73.6
	Minimum	24	28	35	45	47	52	43	50	56	46	40	38	50	59	59	66	55	37	38	47	54	44	38	54	60	59	57	48	51	53	....	47.8
Portland	Maximum	55	64	63	61	73	76	81	80	76	69	67	71	80	81	85	87	79	72	76	82	80	78	76	83	82	80	77	80	77	73	....	75.5
	Minimum	34	34	42	49	48	56	46	59	65	50	45	46	52	61	63	64	67	46	44	56	54	55	57	57	65	60	52	59	65	59	....	53.7
Prescott	Maximum	59	66	62	69	75	77	81	80	77	58	69	75	79	81	90	84	72	72	79	83	80	78	80	84	72	79	83	80	78	72	....	75.3
	Minimum	30	32	48	48	48	59	46	57	57	45	42	45	51	56	60	61	59	41	41	48	56	59	54	59	67	60	58	56	65	55	....	52.1
Rison	Maximum	58	66	65	64	76	76	82	85	77	54	68	75	83	85	88	87	81	73	77	83	79	79	79	83	80	79	69	70	70	79	....	75.7
	Minimum	27	31	43	46	46	57	49	68	53	42	44	42	54	59	63	63	61	42	41	51	55	59	54	59	65	59	59	60	60	51	..	52.1
Rogers	Maximum	54	65	64	58	69	71	79	84	78	62	67	66	79	78	88	83	63	61	76	79	78	72	78	79	74	59	68	77	66	63	....	71.3
	Minimum	21	28	47	42	48	39	46	61	51	45	39	45	46	58	58	61	40	35	40	45	62	43	47	58	58	50	41	40	53	49	....	46.4
Searcy	Maximum	53	65	63	59	69	75	82	84	77	58	67	73	82	80	87	89	87	70	76	79	77	88	78	77	80	77	71	76	67	68	....	74.5
	Minimum	25	30	38	45	40	55	42	52	52	46	39	38	45	58	57	60	55	38	35	45	56	48	45	52	62	60	55	47	52	55	....	47.6
Stuttgart	Maximum	53	63	64	64	69	74	80	83	72	54	65	71	82	82	87	86	71	71	74	80	77	77	74	80	80	74	69	67	72	70	....	72.8
	Minimum	26	30	42	46	45	54	45	56	52	44	44	42	52	60	62	64	61	41	43	50	57	55	48	48	67	61	58	51	58	58	....	50.7
Subiaco	Maximum	58	67	64	63	71	75	81	86	79	66	76	82	78	94	88	73	67	82	87	81	81	78	82	77	72	75	80	75	64	76	....	76.0
	Minimum	30	33	46	45	47	52	51	54	57	50	42	53	56	59	67	49	39	39	51	59	51	53	56	64	53	52	48	54	52	53	....	50.5
Texarkana	Maximum	64	69	62	60	72	79	80	81	76	66	72	74	77	82	92	78	72	72	81	82	82	85	86	85	79	72	78	84	76	72	....	76.3
	Minimum	30	39	49	49	47	57	46	62	66	50	40	50	52	57	62	62	57	40	41	51	57	56	58	66	66	60	59	57	64	54	....	55.5
Warren	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	Maximum	52	64	63	59	67	74	81	82	72	57	67	73	81	81	86	88	80	71	70	79	76	78	77	82	80	87	69	77	68	70	....	73.7
	Minimum	26	29	40	46	47	55	44	54	54	45	42	41	45	61	62	65	59	40	41	49	58	55	46	57	62	60	58	51	56	56	....	50.1

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., MAY, 1924. No.5.

GENERAL SUMMARY.

With the exception of May 1907 and 1917 this was the coldest May Arkansas has experienced during the last 34 years. The weather was almost continuously cooler than the average for the season, there being not more than 7 or 8 days during the month when the temperature was above normal. The warmest weather of the month occurred about the 18th or the 28th when 88° to 90° occurred in most sections, but neither of these warm periods was of more than 3 days duration. A temperature of 30° was reported at 2 northwestern stations on the 11th and light frost occurred at several stations.

The rainfall for the month was about 90% of the May normal. Little fell during the first decade, during the second light showers occurred in all sections, while during the third by far the greater part of the precipitation occurred. The heavy rains which characterized the closing days of April brought flood stages on the Petit Jean from the 1st to the 4th and on the Arkansas at Dardanelle on the 3d. Some damage was done to crops in the lowlands, but the amount was not large. The rains at the close of this month brought bankfull stages interferinging with farm work in the lowlands

There was more than the usual number of clear days during May and the sunshine was practically normal, but owing to the continued cool weather conditions were unfavorable for most crops, especially so for cotton. Cotton did not come up to a stand in most sections and where there were stands much of it died, making replanting necessary. The cool weather was favorable for the strawberry crop, keeping the berries from ripening too rapidly and making the picking possible with fewer hands and less expense. The showers the latter part of the month extended the season making returns to the grower much greater than otherwise would have been.

One person was killed and several injured by a tornado which zigzagged across Washington County about 6:30 p. m. of the 28th, the greatest damage occurring at Farmington. Seven houses were blown to pieces, one struck by lightning and burned, and orchards were badly damaged. The tornado was followed by heavy rain and hail, apple orchards, grape vineyards, and strawberries being damaged, the total loss being estimated at over $100,000. A straight blow at Fort Smith on the evening of the 27th, during which the wind reached a maximum velocity of 64 miles per hour from the northwest, did damage estimated at $75,000. A second storm on the 28th was probably a tornado near the end of its course. During this storm the wind reached a velocity of 70 miles per hour from the northwest. There was no definite path of destruction in Fort Smith and no report of a tornado cloud. The damage from this second storm is estimated at $25,000. W. C. H.

TEMPERATURE.

The mean temperature for April, as determined from the records of 50 stations, was 64.6° which is 4.6° below normal, all stations showing negative departures varying from 7.0° at Bee Branch to 1.6° at Dardanelle. The highest monthly mean was 69.0° at Pine Bluff and Huttig, the lowest 58, at Nail. The highest temperature recorded during the month was 94° at Subiaco on the 18th and Pine Bluff on the 28th. The lowest was 30° at Dutton and Gravette on the 11th. The greatest daily range was 46° at Dutton on the 3d.

PRECIPITATION.

The average precipitation for the month of May, as determined from the records of 69 stations, was 4.64 inches which is 0.48 inch less than normal. Positive departures were confined principally to the White, Black, and upper St. Francis River valleys and a narrow stretch of country extending from Phillips County southwestward to Miller County, negative departures elsewhere. Monthly totals ranged from 7.86 inches at Jonesboro to 2.44 inches at Little Rock. The greatest precipitation measured in 24 consecutive hours was 3.63 inches at Jonesboro on the 29th. The average number of rainy days was 8.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 6th, 8; 7th, 8; 9th, 2; 13th, 7; 18th, 1; 19th, 3; 20th, 10; 21st, 5; 23d, 8; 24th, 15; 25th, 1; 26th, 14; 27th, 11; 28th, 20; 29th, 16; 30th, 1; 31st, 2.

Heavy Hail:- Subiaco, 23d; Springdale, Johnson, 28; Conway, 29th.

Killing Frost:- Gravette, Dutton, 11th.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement mes.	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	29.92	30.25	11	29.54	23	3,374	24	s.	23	.....	.....	54
Fort Smith...	29.90	30.25	11	29.49	23	6,118	70	nw.	28	78	52	73
Little Rock	29.91	30.23	11	29.58	23	7,197	37	nw.	28	78	50	64
Memphis....	29.92	30.17	30	29.63	23	4,840	28	nw.	28	69	62	58

COMPARATIVE DATA FOR MAY.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes.	69.2		102	24	5.12		13	10	8	8
1891.....	67.0	−2.2	97	36	2.78	−2.34	15	9	7	7
1892.....	67.8	−1.4	100	32	9.52	+4.40	8	11	12	13
1893.....	68.6	−0.6	94	38	9.71	+4.59	14	8	9	11
1894.....	70.1	+0.9	95	35	3.40	−1.72	12	12	7	7
1895.....	69.0	−0.2	97	36	3.91	−1.21	13	11	7	8
1896.....	74.3	+5.1	98	46	3.54	−1.58	15	10	6	7
1897.....	68.3	−0.9	98	33	2.13	−2.99	17	9	5	5
1898.....	72.1	+2.9	100	30	6.44	+1.32	16	9	6	7
1899.....	72.9	+3.7	96	44	6.45	+1.33	10	12	9	10
1900.....	69.3	+0.1	97	37	3.69	−1.43	12	12	7	9
1901.....	68.2	−1.0	100	31	2.95	−2.17	12	13	6	7
1902.....	73.2	+4.0	100	42	4.34	−0.78	12	12	7	8
1903	67.5	−1.7	96	24	7.47	+2.35	9	11	11	12
1904.....	67.1	−2.1	98	31	3.39	−1.73	13	12	6	8
1905.....	70.7	+1.5	98	38	9.58	+4.46	9	11	11	12
1906.....	68.8	−0.4	100	28	4.71	−0.41	15	8	8	8
1907	63.8	−5.4	91	31	9.43	+4.36	7	13	11	13
1908.....	70.0	+0.8	96	30	7.05	+1.93	8	13	10	10
1909.....	67.0	−2.2	92	28	6.76	+1.64	14	9	8	10
1910.....	66.0	−3.2	95	31	6.56	+1.44	12	10	9	11
1911.....	70.8	+1.6	101	26	1.11	−4.01	19	10	2	3
1912.....	69.9	+0.7	98	32	2.41	−2.71	15	11	5	6
1913.....	69.3	+0.1	99	35	3.32	−1.80	16	10	5	7
1914.....	69.5	+0.3	97	34	3.34	−1.78	12	13	6	6
1915.....	69.9	+0.7	101	34	5.58	+0.46	12	9	10	9
1916.....	71.6	+2.4	99	34	3.56	−1.56	18	7	6	6
1917.....	63.5	−5.7	97	31	3.15	−1.97	15	7	9	6
1918.....	72.2	+3.0	102	29	3.01	−2.11	17	8	6	4
1919.....	66.8	−2.4	96	38	6.01	+0.89	9	9	13	12
1920.....	70.8	+1.6	96	39	8.17	+3.05	11	9	11	12
1921.....	69.7	+0.5	99	29	2.25	−2.87	18	8	5	5
1922.....	70.8	+1.6	100	40	5.00	−0.12	12	10	9	11
1923.....	67.2	−2.0	98	27	8.24	+3.12	11	8	12	12
1924	64.6	−4.6	94	30	4.64	−0.48	15	8	8	8

*Based on 30 years record.

Climatological Data for May, 1924.

Stations.	Counties.	Elevation, feet.	Temperature. (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	65.0°	− 4.4	88°	18	36°	11	38°	2.90	−2.72	1.95	0	4	13[b]	11[b]	5[b]	s.	James Dillard.
Arkadelphia	Clark	186	28	.....	.....	.....	.....	.....	.....	.....	4.08	−1.34	0.82	0	7	11	0	20	s.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	5.05	+0.47	1.46	0	9	17	3	11	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	5.80	.....	1.25	0	8	14	13	4	.....	J. DReeves.
Batesville	Independence	277	25	61.7	− 6.1	87	19	39	11†	39	5.71	+0.82	2.34	0	12	17	1	13	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	.....	32	61.6	− 7.0	89	19	36	11	37	4.80	−0.01	2.04	0	6	13	11	7	nw.	J. E. Scanlan.
Bentonville	Benton	1303	19	60.6	− 5.8	85	19	39	10	31	2.78	−2.44	0.77	0	9	12	10	9	nw.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	5.94	+1.01	2.06	0	11	19	2	10	.....	Vernon C. Howe.
Booneville	Logan	600	10	67.0	− 4.1	90	19	42	1†	34	3.38	−1.30	1.26	0	7	19	9	3	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	66.7	− 3.3	90	28†	45	10	34	6.25	−1.42	1.48	0	10	22	3	6	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	62.1	− 4.8	90	19	36	11	43	5.16	+0.71	1.82	0	9	12	11	8	sw.	W. J. Copp.
Camden	Ouachita	158	39	65.7	− 5.5	90	28	41	11	37	5.92	+1.48	1.54	0	11	19	3	9	s.	A. B. Quarterman.
Center Point	Howard	470	25	66.8	− 4.2	88	19	39	11	35	4.82	−1.46	2.04	0	9	11	12	8	nw.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	4.81	−0.25	2.22	0	10	15	2	14	nw.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	3.74	.....*	1.20	0	5	12	16	3	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	65.8	− 4.3	90	19	40	11	37	4.46	−0.27	1.09	0	8	19	10	2	s.	E. E. Cordrey.
Corning	Clay	293	31	61.8	− 6.7	89	5†	37	10	39	5.78	+1.42	2.06	0	9	19	7	5	sw.	Winfred D. Polk.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	4.47	+0.66	1.92	0	5	18	0	13	w.	C. P. Evans.
Dardanelle	Yell	330	38	68.0	− 1.6	90	25	43	5†	45	5.80	+0.30	2.36	0	6	14	0	17	s.	J. D. Riley.
Dodd City	Marion	1175	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Neal Dodd.
Dumas	Desha	162	18	66.6	− 5.6	90	28	43	11	34	4.66	−0.56	1.30	0	13	13	12	6	s.	Ben Johnson.
Dutton	Madison	1590	21	58.6	− 5.5	88	3	30	11	46	4.40	−2.04	1.05	0	6	13	15	3	s.	J. M. Ricketts.
El Dorado	Union	270	23	68.6	− 2.4	91	28	42	11	32	4.51	−0.04	1.68	0	10	9	13	9	sw.	J. J. Babb.
England	Lonoke	229	17	66.3[a]	− 3.8	91[a]	28	40[a]	11	34[a]	3.75	−0.34	1.03	0	7	14[a]	10[a]	6[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	61.6	− 5.2	86	19	35	11	34	2.78	−3.05	0.70	0	6	10	17	4	nw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	63.6	.....	91	17	40	2†	50	6.18	.....	1.36	0	8	10	9	12	sw.	C. C. Price.
Fayetteville	Washington	1451	37	61.3	− 4.9	87	19	37	8†	33	4.90	−0.71	1.72	0	5	18	2	11	sw.	University of Arkansas.
Fort Smith	Sebastian	481	42	65.2	− 4.4	89	19	43	11	29	3.06	−1.85	1.65	0	8	12	12	7	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	4.45	−0.12	1.67	0	6	18	3	10	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	4.52	+0.59	1.25	0	9	19	3	9	w.	W. R. Owens
Grannis	Polk	900	6	63.2	.....	85	27†	35	11	35	4.53	.....	1.88	0	7	22	5	4	w.	W. E. Mc Vay.
Gravette	Benton	1250	27	59.6	− 6.0	85	19	30	11	36	3.24	−2.28	1.28	0	8	10	8	13	sw.	A. F. Stevens.
Harrison	Boone	1552	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. C. Brooks.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. C. Spanhurst.
Helena	Phillips	182	52	.....	.....	.....	.....	.....	.....	.....	6.91	+2.42	1.62	0	11	17	2	12	s.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	4.56	.....	1.82	0	9	15	15	1	sw.	J. A. Ingram.
Hope	Hempstead	377	53	67.7[b]	− 3.5	91[b]	28	43[b]	12	38[b]	3.91	−1.36	1.16	0	7	17[b]	6[b]	6[b]	nw.	N. P. O' Neal.
Hot Springs	Garland	600	33	65.5	− 4.3	87	19	40	11	32	3.01	−2.64	1.17	0	6	15	12	4	.....	P. P. Patraw.
Huttig	Union	175	17	69.0	− 3.2	93	28	44	10†	34	3.93	−2.04	1.20	0	7	14	7	10	nw.	J. L. Collett.
Jonesboro	Craighead	345	29	64.0	− 5.8	87	4†	40	11	39	7.86	+3.66	3.63	0	12	15	10	6	sw.	Benedictine Sisters.
Junction	Union	182	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	4.90	.....	1.97	0	5	20	5	6	.....	G. A. Newton.
Little Rock	Pulaski	286	45	65.6	− 4.7	88	28	44	11	29	2.41	−2.66	1.03	0	9	14	7	10	s.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	27	66.2	− 2.1	89	19	40	11	31	4.29	−0.78	1.18	0	5	21	5	5	sw.	H. Kauffeld.
Magnolia	Columbia	315	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Agri. School.
Malvern	Hot Springs	277	37	67.0	− 2.9	91	28	38	11	37	3.17	−1.43	1.30	0	7	18	10	3	n.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	60.2	− 6.6	87	4†	36	11	30	4.50	+0.20	1.58	0	10	15	10	6	n.	F. M. Daniel.
Marianna	Lee	235	16	66.6	− 3.6	89	19	42	12	32	4.21	−0.72	1.23	0	9	14	8	9	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	64.4	.....	89	18	40	10	35	4.76	−0.07	1.13	0	11	12	16	3	se.	Charles Walton
Marshall	Searcy	1083	10	63.0	.....	87	4†	41	10	35	4.87	−1.25	1.96	0	5	24	3	4	se.	W. F. Reeves.
Mena	Polk	1185	38	64.6	− 4.3	87	18†	37	11	38	2.74	−3.72	0.80	0	7	18	6	7	w.	F. W.St. John.
Morrillton	Conway	347	3	66.7	.....	90	19	42	11	37	4.46	.....	1.25	0	7	17	9	5	w.	W. E. Arnold.
Mountain Home	Baxter	800	11	60.2	.....	90	19	35	9†	43	6.42	+0.96	2.50	0	8	14	4	13	w.	B. S. Hallbert.
Mount Ida	Montgomery	730	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	5.73	+2.19	1.50	0	7	13	0	18	.....	Henry A. Davis.
Nail	Newton	2233	28	58.0	− 6.6	83	20	36	8†	30	7.25	+1.62	2.50	0	5	12[b]	8	9[b]	s.	Charles Paxton.
Newport	Jackson	231	40	66.6	− 3.4	92	19	43	11	35	4.37	+0.16	0.89	0	10	15	10	6	nw.	Geo. L. Robinson.
Osceola	Mississippi	240	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. W. Prewitt.
Ozark	Franklin	450	28	63.6[c]	− 6.8	90[c]	18	40[c]	11	43[c]	4.64	−0.9	1.60	0	6	11[c]	4[c]	13[c]	nw.	Isham Durrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	4.34	−0.33	1.09	0	6	21	0	10	s.	W. E. Baker
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	4.31	.....	1.40	0	9	17	12	2	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	69.0	− 3.0	94	28	41	11	40	5.72	+1.14	1.65	0	9	18	1	12	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	63.2	− 5.4	87	4	38	11	37	6.31	+1.82	1.50	0	9	13	8	10	s.	Benedicitine Sisters
Portland	Ashley	122	18	68.8	− 2.5	92	28†	45	11	31	3.91	−2.43	1.63	0	5	14	8	9	sw.	W. E. Edmiston.
Prescott	Nevada	329	36	67.4	− 2.8	90	28	43	11	33	4.26	−0.74	1.05	0	10	19	6	6	w.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	5.20	+0.01	1.20	0	8	19	0	12	.....	Foote Coleman.
Rison	Cleveland	243	23	67.2	− 3.8	90	28	41	11	33	6.63	+2.98	2.15	0	8	17	8	6	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	60.2	− 5.9	87	19	33	11	37	3.78	−1.40	1.35	0	6	13	11	7	nw.	Carl A. Starck.
Searcy	White	236	11	63.6	− 5.1	89	19	37	11	38	3.55	−1.30	1.10	0	7	14	10	7	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	3.59	−0.65	1.13	0	9	17	1	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	66.1	− 3.8	89	28	40	11	31	4.44	−0.25	1.85	0	7	15	12	4	sw.	H. A. Buerkle.
Subiaco	Logan	1050	27	66.6[a]	− 3.4	94[a]	18	40[a]	10	38[a]	4.91	−0.67	1.57	0	5	18[a]	9[a]	3[a]	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	67.8	− 3.8	90	28	42	11	33	4.63	+0.53	1.23	0	10	12	10	9	s.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	4.19	.....	1.67	0	3	9	11	11	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	4.88	+0.02	1.80	0	6	16	8	7	nw.	Nannie O. Schirmer
Wynne	Cross	250	18	66.0	− 4.4	89	19	39	11	32	3.70	−0.76	0.88	0	12	14	8	9	n.	E. O. Allen.
State Means and Extremes				64.6	− 4.6	94	18†	30	11	46	4.64	−0.48	3.63	0	8	15	8	8	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for May, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Clark													.30											.25		1.95			.40			2.90
Arkadelphia	Ouachita							.82							.35							.12			.75			.72	.52	.80			4.08
Arkansas City	Mississippi							.76			T.				.38							.82	.02		.15		.02	1.46			1.38	.06	5.05
Arlberg	White										.10			.50							.75				1.00		1.10	1.00	.10	1.25			5.80
Batesville	White							.02	.44		.16	T.			.21	.02	.18				T.	.24			.94		.02	1.02	.12	2.34			5.71
Bee Branch	Arkansas							.13			T.			T.		T.				T.	T.	.10			.54		1.25		.74	2.04			4.80
Bentonville ***	Arkansas						.35	.01		.04	.14					T				T.	.28			.70			.48	T.	.77			.01	2.78
Black Rock	White	.10						.09	.16		.25	.02					.40				.52	.35			.77			.31	.91	2.06			5.94
Booneville	Arkansas						.12	T.						.02							.20				.52		1.07		.19	1.26			3.38
Brinkley	White							.68	.28		.21				.41							1.21			1.14		T.	1.48	.32	.48	.04		6.25
Calico Rock	White	T.						T.			.08	T.				.06	.10				.73	.05	T.		.85			1.06	.41	1.82			5.16
Camden	Ouachita							.24							1.08							1.54	.03		.18	.02	.31	1.11		.05	1.31	.05	5.92
Center Point	Red						T.	T	T.	T.				.16	.10						.30	.89			.23		2.04	.10	.32	.68	T.		4.82
Clarendon	White							.27	.22		.20											.29			1.22	T.	.06	2.22	.06	.17	.10		4.81
Clinton	White						T.			T.	T.			.14		T.				T.	T.				.70		1.20		.50	1.20			3.74
Conway	Arkansas							.58						.06								1.09			.41		.65	.21	.71	.75			4.46
Corning	White							.49			.08			.11		.12					1.62				.85		.28		.17	2.06			5.78
Danville	Arkansas																					.88			.52		.93	.22	T.	1.92			4.47
Dardanelle	Arkansas																					.62			.72		1.10	.46	.54	2.36			5.80
Dodd City	White																																
Dumas	Arkansas						.08	.48	.15		.35				.45							.18	.02		.68	.04	.11	.67		.15	1.30	T.	4.66
Dutton	White						T.	T		T.	T.					.20					.45				.70		.99		1.01	1.05			4.40
El Dorado	Ouachita							.05	.05	.05					1.00							.15	T.		.22	.05	.38	.88			1.68		4.51
England	Arkansas							.48		.31				.45								.69			.57		1.03			.22			3.75
Eureka Springs	White							T.			.12										.35				.70		.40		.60	.61			2.78
Evening Shade	White						.20	.50													1.16				.70		.82	.10	1.34	1.36			6.18
Fayetteville	White																				.79				.41		.56		1.42	1.72			4.90
Fort Smith ***	Arkansas						.03	.03		T.	T.			.01							T.	T.		.87			.46	.37	1.28	.01			3.06
Fulton	Red							.45					T.	.56								T.			.34		.98	1.67		.45		T.	4.45
Georgetown	White							.61	.30	T.					.20							.50			1.20		.10	1.25	.20	.16			4.52
Grannis	Red								T.					.72							.02	.11			1.08		1.88		.35	.37	T.		4.53
Gravette	Arkansas							.28		.02	.13			T.		T.					.29				1.28		.49		.25	.50			3 24
Heber Springs	White																																
Helena	Mississippi							1.14	.16		.20	.01			.80							1.22			.88	.04		1.62		.20	.64		6.91
Higden	White						.08	.70						.02		.03					.10			.46			1.03	.32	1.82				4.56
Hope	Red							.65						.83							T.	.38			.17		1.16	.36		.36			3.91
Hot Springs	Ouachita							.02			T.			.12							T.				1.17		.98	.21		.51			3.01
Huttig	Ouachita							.28							.95										.20	.40	1.20			.60	.30		3.93
Jonesboro	White						.16	1.28		.23	.13			.13		.10					.18				1.00		.56	.02	.44	3.63			7.86
Junction	Ouachita																																
Lambrook	White							.18													1.13				.87		1.97			.45			4.90
Little Rock ***	Arkansas			T.				.22		.01				.13							.18			.17	.10		1.03		.03	.57	T.	T.	2.44
Lutherville	Arkansas																				1.00				.37		1.18		.90	.84			4.29
Magnolia	Red																																
Malvern	Ouachita							.27							.04										1.30		.51	.85		.16	.04		3.17
Mammoth Spring	White							.27	.14			.01				.07	.04					.95			.44			.70	.30	1.58			4.50
Marianna	Mississippi							1.05		.16				.36							.03	.39			.85		1.23	.11		.03			4.21
Marked Tree	Mississippi							.60		22		.05	.12		.30		.10					.51			.66			.77	1.13	.30			4.76
Marshall	White										T										.83				.73		1.10		.25	1.96			4.87
Mena	Ouachita														.29							.05			.50		.80	.70	.10	.30			2.74
Morrilton	Arkansas							.36	T.					1.0							1.10					.27	.70		.68	1.25			4.46
Mountain Home	White									T.	.05			.18		.07					2.50				.68		1.32		.64	1.08			6.42
Mount Ida	Ouachita																																
Murfreesboro	Ouachita		.48												.61							.89			.40		1.50		1.16	.69			5.73
Nail	White						T.	T.		T.	T.					T					2.50				1.70		1.05		.25	1.75			7.25
Newport	White							.45	.32		.05						.30					.45			.89		.02	.88	.19	.82			4.37
Osceola	Mississippi																																
Ozark	Arkansas													.06						.56					.30		1.04		1.60	1.08			4.64
Patterson	White							.90							.50										1.00			1.09	.25	.60			4.34
Pindall	White					.30		.27		.01	.03										.59				.76		.71		.27	1.40			4.34
Pine Bluff	Arkansas							.33			.03	T			.73							.95			.95		.40	1.65		.33	.35		5 72
Pocahontas	White					.65		.88			.10					.20					1.50				1.25		.45		.68	1.20			6.31
Portland	Ouachita							.80																	.15	.05		1.63			.96		3.19
Prescott	Ouachita							.92	.09						.50							.24			.25		.66	1.05		.52	.02	.01	4.26
Princeton	Ouachita							1.50								.25							.20		1.10		1.00	.25		1.20	.10		5.20
Rison	Ouachita							.40			.25			.50								1.66			.80		2.15	.08		.79			6.63
Rogers	Arkansas									T.						.09					1.16				.67		.51		.41	.94			3.78
Searcy	White							.10			T.			.10		T.	T.				T.				.80		.20	1.10	.90	.05			3.55
Snow Lake	Mississippi																																
Springbank	Red							T.		.20	.07				.35	T.						.12	T.		.90		1.13	.20		T.	.35	.27	3.39
Stuttgart	Arkansas							.98		.11	T.			.04								.82			.52		1.85			.12			4.44
Subiaco	Arkansas																				.82					.66		.75	1.11	1.57			4.91
Texarkana	Red							1.13		.07					.51							T.			1.23	.08	.90	.41		.17	.08	.05	4.63
Waldron	Arkansas													T.								T.			1.05		1.67			1.47			4.19
Warren	Ouachita																																
Whitecliffs	Red								.47													.50			.40		1.80	.91		1.00			4.88
Wynne	Mississippi							.54	.27		.03	.07			.10		.06					.41			.86		T.	.88	.25	.22	.01		3 70

Except as indicated observations are made near sunset and precipitation is for 24 hours ending at observation. *** Regular Weather Bureau station; precipitation for 24 hours, midnight to midnight. ‡ Estimated for first ten days. ¶ Precipitation measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for May, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	22.3	23.0	22.0	20.4	18.7	15.6	14.2	14.0	14.3	13.6	11.8	10.8	10.5	9.6	8.9	8.5	8.2	8.2	8.0	7.8	7.7	7.5	11.0	11.3	9.6	9.0	9.4	11.2	12.8	14.2	16.0
Dardanelle	do	20	20.5	21.0	21.2	19.8	18.6	17.2	14.9	13.1	12.6	12.8	11.4	10.1	9.0	8.4	7.4	6.7	6.4	6.0	5.7	5.5	5.8	5.2	5.1	7.7	7.8	7.9	7.2	8.4	11.8	12.6	13.6
Little Rock	do	23	19.8	20.6	21.0	21.0	20.5	19.5	18.4	16.5	11.3	12.8	12.5	11.1	9.5	8.4	7.2	6.3	5.7	5.2	4.8	4.5	4.5	4.1	4.1	3.7	5.6	7.4	7.0	6.2	6.9	11.0	12.9
Pine Bluff	do	25	21.0	22.3	23.1	23.5	23.7	23.1	22.5	21.5	19.7	18.1	17.1	16.6	15.1	13.9	12.8	11.8	11.0	10.4	10.0	9.6	9.3	9.3	9.2	9.0	8.7	10.5	11.0	11.3	10.8	13.6	16.3
Black Rock	Black	14	14.0	12.0	9.4	7.9	7.0	6.4	6.0	6.5	5.9	5.7	5.4	5.1	4.9	4.8	4.6	4.2	4.0	4.0	4.0	3.9	6.5	5.5	4.8	6.0	5.9	5.7	6.0	6.7	10.0	14.0	13.0
Calico Rock	White	18	12.3	12.1	15.1	11.2	7.7	6.1	5.4	4.7	4.3	3.9	3.6	3.4	3.0	3.0	2.1	2.2	1.8	2.0	1.7	1.8	3.1	2.4	3.1	2.2	2.5	2.8	4.3	5.3	8.7	15.1	12.8
Batesville	do	23	19.0	19.0	19.5	19.7	16.5	13.5	12.1	11.2	10.3	9.8	9.6	9.2	8.9	8.8	8.4	7.9	7.9	7.2	7.6	6.8	7.4	8.6	8.5	8.6	7.8	8.2	9.8	10.0	15.6	18.5	22.2
Newport	do	26	16.7	19.7	20.8	21.5	21.4	19.9	18.4	15.2	14.4	14.0	10.2	9.1	9.1	8.8	8.6	8.5	8.3	8.1	7.9	7.8	7.6	7.5	7.8	8.0	8.4	8.4	8.5	9.0	9.9	16.8	20.1
Georgetown	do	22	15.8	18.6	19.2	19.4	19.6	19.8	20.2	20.4	20.4	19.8	19.4	18.6	17.6	16.4	15.0	13.8	12.6	11.4	10.6	9.0	8.2	7.4	7.4	8.0	8.6	8.8	9.0	9.2	12.0	15.2	17.8
Clarendon	do	30	18.2	19.9	21.2	22.1	22.8	23.4	24.0	24.5	24.8	25.0	25.2	25.3	25.3	25.3	25.1	24.8	24.4	23.8	23.2	22.4	21.5	20.5	19.5	18.8	18.4	18.3	18.5	18.4	18.4	19.0	19.8
Helena	Mississippi	42	30.4	29.7	29.1	28.9	29.3	30.0	30.9	31.7	32.2	32.5	32.5	32.3	31.7	30.9	30.0	29.1	28.2	27.5	26.8	26.5	26.7	27.4	28.5	29.6	30.6	31.2	32.0	32.6	33.2	33.7	34.0
Arkansas City	do	48	37.1	37.4	37.4	37.4	37.5	37.8	38.2	38.6	39.1	39.4	39.6	39.6	39.5	39.2	38.7	38.0	37.2	36.4	35.8	35.1	33.8	33.4	33.3	33.6	34.2	34.6	35.2	35.6	35.9	36.6	37.1
Camden	Ouachita	49	21.0	23.0	24.5	24.5	24.1	19.4	15.0	13.8	13.0	11.9	10.3	9.1	9.0	9.0	9.3	9.4	9.0	7.1	6.3	6.0	6.0	6.3	6.5	6.0	5.8	5.8	5.3	7.1	10.9	13.0	13.6
Danville	Petit Jean	20	24.7	23.7	22.0	20.1	15.4	11.1	7.6	6.2	5.8	5.6	5.1	4.8	4.2	4.0	4.0	3.8	3.6	3.5	3.5	3.5	3.6	3.9	3.7	3.4	3.7	3.9	5.9	7.5	13.9	19.9	18.0
Fulton	Red	28	26.2	26.2	25.8	23.3	24.8	21.6	19.9	18.8	16.1	14.4	13.2	12.7	12.4	12.3	11.9	11.5	11.1	11.1	11.2	10.9	10.5	10.2	10.0	10.0	10.9	10.5	12.2	16.4	19.1	20.1	20.3
Arkadelphia	Ouachita	18	10.3	9.5	5.2	4.0	3.2	2.8	2.6	2.2	1.8	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.8	1.1	2.2	2.4	2.4	2.3	2.0
Patterson	Cache	9	6.6	7.1	7.3	7.7	8.0	8.3	9.0	9.2	9.2	8.9	8.6	8.2	7.9	7.7	7.6	7.5	7.3	7.1	7.0	6.9	6.8	6.8	6.7	6.5	6.3	6.1	6.2	6.6	7.0	7.4	7.7

Daily Temperatures for May, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	74	78	....	....	....	85	75	70	69	62	74	76	85	78	75	81	80	88	85	78	73	75	86	82	79	74	83	86	83	75	75	78.0
	Minimum	42	40	....	....	....	55	60	42	40	39	36	39	50	55	45	45	51	54	61	65	58	45	63	59	48	61	56	69	67	55	58	52.1
Batesville§§	Maximum	68	75	81	86	83	82	70	61	62	58	69	73	79	71	70	77	77	81	87	73	71	78	84	68	77	63	81	83	80	68	75	74.5
	Minimum	46	40	44	50	52	56	52	43	40	41	39	39	45	44	47	44	47	55	52	62	55	44	45	55	45	51	57	62	66	51	48	48.9
Bee Branch	Maximum	64	73	78	84	88	81	78	72	60	59	68	75	73	78	72	75	75	81	89	82	68	74	80	81	77	78	79	80	75	74	75	75.7
	Minimum	44	39	43	52	51	54	57	41	39	39	36	38	46	42	46	41	44	52	53	62	51	42	50	48	45	53	55	49	62	49	45	47.4
Bentonville	Maximum	64	74	80	84	81	80	63	57	54	50	64	72	72	65	68	75	80	74	85	72	68	76	82	61	75	66	84	70	67	69	74	71.2
	Minimum	42	43	53	55	58	58	46	39	42	39	39	42	52	42	44	48	56	57	57	55	52	49	56	46	46	59	58	58	53	49	54	49.9
Booneville	Maximum	72	78	81	84	88	86	82	67	64	66	70	77	81	81	75	82	86	87	90	84	73	78	87	79	82	76	88	88	82	68	77	79.1
	Minimum	42	50	56	55	62	60	61	42	46	50	43	45	49	50	48	51	63	63	66	68	57	50	64	54	48	59	57	66	66	54	53	54.8
Brinkley	Maximum	78	77	82	88	88	86	80	65	69	61	70	74	82	76	76	80	81	86	88	85	71	80	86	82	79	78	86	90	90	78	79	79.7
	Minimum	48	47	48	59	67	52	59	46	46	45	46	46	51	56	51	46	53	59	61	68	55	48	55	56	47	58	64	66	68	53	50	53.7
Calico Rock§§	Maximum	68	80	85	89	84	85	73	60	63	58	70	76	80	71	70	80	79	81	90	72	72	78	88	89	80	67	82	76	76	70	76	76.4
	Minimum	41	39	42	47	50	55	57	39	37	42	36	39	40	42	47	45	46	52	51	59	54	46	49	53	43	52	56	61	62	49	50	47.8
Camden§§	Maximum	73	76	81	85	84	82	76	70	70	68	71	74	84	77	75	79	80	85	85	82	67	76	85	72	76	78	88	90	79	63	77	77.7
	Minimum	48	42	44	52	54	57	60	47	45	44	41	43	49	57	51	48	50	55	57	61	63	51	55	65	54	54	61	65	75	58	58	53.7
Center Point	Maximum	73	77	81	82	85	81	74	68	71	65	74	75	84	76	74	80	81	87	88	78	73	76	85	78	78	76	85	87	82	70	75	78.0
	Minimum	45	50	55	58	62	63	59	44	47	43	39	49	54	50	48	53	56	57	65	67	60	53	61	64	54	61	60	64	66	56	58	55.5
Conway	Maximum	72	77	84	88	86	85	76	67	69	59	72	76	83	76	74	80	80	85	90	85	74	77	88	80	80	76	84	87	83	76	76	78.9
	Minimum	46	42	47	54	55	59	62	47	46	43	40	42	48	58	49	46	49	57	57	67	57	49	54	55	45	59	62	65	69	53	48	52.6
Corning	Maximum	71	74	83	88	89	88	72	59	61	57	71	76	81	70	64	69	78	81	89	74	79	78	81	74	77	70	83	75	80	68	77	75.4
	Minimum	44	39	47	49	53	57	49	41	41	37	41	43	45	43	45	46	53	56	56	52	46	44	49	51	39	50	59	62	62	46	52	48.3
Dardanelle	Maximum	70	78	82	88	88	84	81	77	68	68	75	82	80	78	84	78	80	82	87	82	83	77	78	88	90	78	85	91	78	79	88	80.9
	Minimum	46	44	46	52	43	57	54	50	44	43	47	50	50	52	54	58	55	54	56	62	61	66	63	60	60	60	63	67	66	62	61	55.0
Dumas	Maximum	72	75	82	82	82	85	75	67	70	63	68	76	84	75	70	78	82	85	87	87	78	76	86	80	77	75	87	90	83	75	76	78.3
	Minimum	53	45	48	56	57	59	61	48	45	45	43	44	52	58	53	48	50	58	52	65	59	48	54	65	53	60	63	70	75	56	57	54.8
Dutton	Maximum	65	72	88	83	80	78	68	61	57	49	68	74	77	68	70	73	76	80	87	83	78	73	81	74	76	70	80	80	74	69	71	73.6
	Minimum	33	33	42	45	46	52	52	34	32	36	30	33	42	34	36	35	44	50	50	61	51	39	53	45	43	49	56	56	55	46	41	43.7
El Dorado	Maximum	74	78	84	87	86	84	78	71	70	68	72	75	84	77	75	80	81	88	87	88	80	79	87	84	72	76	89	91	86	76	77	80.1
	Minimum	50	48	53	59	59	61	61	50	49	50	42	47	52	60	53	52	54	58	63	65	62	53	59	63	56	61	68	73	75	58	58	57.2
England	Maximum	71	75	83	88	....	87	75	69	73	60	70	77	74	75	70	81	82	87	89	85	76	78	81	80	80	75	87	91	84	76	79	78.6
	Minimum	48	45	49	58	....	57	61	47	46	45	40	44	52	57	49	47	53	60	60	68	56	48	55	58	49	60	62	68	70	56	53	54.0
Eureka Springs	Maximum	66	74	82	85	83	83	65	58	54	49	69	73	73	70	70	75	78	78	86	79	73	77	81	76	76	74	84	81	69	71	76	73.8
	Minimum	39	49	53	55	60	61	53	38	40	36	35	40	53	39	43	49	58	56	55	58	50	46	58	45	42	55	55	55	58	47	51	49.4
Evening Shade	Maximum	68	77	85	88	86	85	72	72	64	57	71	76	81	83	72	80	91	84	88	83	71	78	84	80	78	77	81	75	80	69	75	77.8
	Minimum	45	40	47	50	53	59	60	44	40	41	40	40	46	45	47	43	41	60	52	61	53	45	51	52	48	43	59	63	64	50	48	49.4
Fayetteville	Maximum	64	72	78	83	79	80	76	59	54	50	64	72	73	66	68	75	76	76	87	79	69	75	82	77	75	68	83	78	70	70	75	72.7
	Minimum	41	43	55	52	56	64	54	37	39	37	40	39	53	40	43	45	56	56	57	60	51	46	60	45	48	58	56	60	58	50	48	49.9
Fort Smith	Maximum	69	76	80	86	84	84	69	61	61	53	70	74	76	69	72	77	80	83	89	82	71	79	85	67	78	77	86	89	75	69	74	75.6
	Minimum	47	47	54	58	60	62	55	46	49	43	43	48	52	51	49	51	55	60	64	67	60	53	61	54	52	61	60	65	59	56	56	54.8
Grannis	Maximum	70	74	79	83	82	79	71	65	65	55	70	69	81	72	72	77	77	84	81	78	73	75	83	77	76	76	85	85	80	67	75	75.5
	Minimum	42	41	47	52	52	55	59	41	43	39	35	40	47	48	45	49	48	50	57	64	58	47	57	55	49	58	55	60	65	63	55	50.8
Gravette	Maximum	64	68	80	84	81	81	65	58	54	50	66	72	71	65	70	74	80	74	85	80	68	77	81	80	75	66	81	76	70	70	75	72.3
	Minimum	32	38	50	48	53	58	52	35	35	37	30	36	50	35	40	44	55	57	54	59	50	44	58	45	42	49	50	57	60	48	50	46.8
Hope	Maximum	....	76	83	86	89	84	76	70	72	60	72	75	76	....	88	80	81	88	89	81	75	80	89	73	82	80	89	91	82	81	78	80.2
	Minimum	....	45	48	52	61	60	57	46	50	47	47	43	47	....	50	50	51	60	64	61	55	51	60	63	53	60	61	70	67	62	61	55.2
Hot Springs	Maximum	70	75	80	86	85	83	77	72	69	61	76	75	83	73	71	78	80	84	87	79	76	77	86	80	78	75	85	88	85	77	77	78.1
	Minimum	45	43	49	57	55	58	60	44	45	43	40	43	51	49	47	48	52	56	61	66	57	47	55	56	49	60	59	68	68	54	55	52.9
Huttig	Maximum	75	78	84	89	89	85	84	72	72	72	74	77	83	78	78	81	82	89	88	91	91	78	89	86	68	74	91	93	90	71	78	81.6
	Minimum	50	45	50	56	56	62	60	45	58	44	44	44	55	60	55	49	51	55	59	61	64	54	56	64	56	62	69	72	69	60	55	56.3
Jonesboro	Maximum	70	76	83	87	87	85	71	61	61	56	67	74	81	72	68	77	79	81	87	80	68	79	84	80	74	70	82	82	84	79	74	76.1
	Minimum	47	46	52	59	62	64	61	44	44	44	40	46	52	51	48	47	56	60	57	52	47	40	46	54	47	55	62	63	65	52	50	52.0
Junction	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Rock	Maximum	69	72	80	87	84	83	73	63	67	56	68	74	80	72	71	76	78	85	87	81	68	76	85	68	78	75	85	88	79	65	76	75.8
	Minimum	50	50	53	58	60	63	58	50	47	45	44	50	53	57	53	52	55	59	64	67	60	53	61	54	52	61	61	67	60	55	55	55 5
Lutherville	Maximum	69	74	79	83	83	82	74	64	63	55	70	73	77	71	71	78	80	83	89	82	67	75	83	78	76	74	80	83	79	67	73	75.3
	Minimum	43	44	52	57	58	60	59	43	44	42	40	46	51	50	46	47	51	58	60	60	55	50	57	51	47	58	57	61	65	53	52	52.2
Malvern	Maximum	74	79	83	88	87	84	76	75	72	64	75	79	86	79	77	80	82	89	88	87	77	79	89	86	83	84	87	91	85	86	80	81.6
	Minimum	44	42	46	52	52	58	61	43	44	42	38	41	50	56	49	46	47	54	59	67	58	47	54	57	49	61	60	69	68	54	54	52.3
Mammoth Spg. §§	Maximum	68	77	82	87	87	82	62	54	59	57	68	72	78	68	69	75	78	79	87	65	69	76	82	67	75	63	79	71	75	66	73	72.6
	Minimum	43	39	43	47	52	56	59	42	41	41	36	39	41	43	46	41	47	55	52	60	52	44	53	50	39	46	56	59	62	48	47	47.7
Marianna	Maximum	70	74	83	87	88	84	78	66	70	60	72	73	82	74	71	76	81	88	89	87	70	76	85	81	79	78	82	88	85	78	77	78.5
	Minimum	49	46	51	57	59	62	61	48	45	47	43	42	53	59	52	48	55	60	59	67	56	49	54	59	54	51	65	68	73	56	52	54.7
Marked Tree §§	Maximum	76	82	88	88	85	66	59	66	57	68	75	81	71	68	78	81	81	89	81	71	79	85	68	71	68	82	87	85	70	77	78	76.2
	Minimum	43	47	56	57	59	62	45	44	45	40	42	50	53	50	44	48	59	56	65	56	47	52	60	48	54	59	65	68	53	49	56	52.6
Marshall	Maximum	65	75	81	87	83	82	86	54	61	56	55	58	77	75	68	76	78	77	87	63	73	80	83	62	74	72	75	87	74	75	80	73.5
	Minimum	44	44	53	72	60	65	65	47	49	41	43	44	46	45	47	45	52	62	60	52	52	50	48	49	49	58	64	52	56	54	60	52.5
Mena	Maximum	68	77	82	86	83	81	69	83	64	58	71	73	82	70	71	77	77	87	86	76	73	78	84	76	81	75	85	87	80	66	76	76.8
	Minimum	43	43	54	57	53	60	57	45	43	41	37	43	51	45	44	46	54	58	65	66	57	48	57	56	49	59	57	65	65	53	56	52.5
Morrillton	Maximum	70	76	83	89	84	83	77	70	69	64	75	78	84	75	74	83	79	87	90	86	69	78	85	82	84	76	84	87	84	72	75	79.1
	Minimum	50	45	51	57	59	60	61	49	48	47	42	47	47	54	50	49	52	59	60	64	56	51	58	55	49	60	64	66	67	54	51	54.3
Mt. Home	Maximum	68	77	84	88	85	83	72	59	60	57	69	75	79	71	69	78	79	80	90	70	69	77	83	77	77	65	82	75	75	68	74	74.7
	Minimum	43	38	45	45	50	53	53	38	35	37	38	35	44	42	44	39	43	55	54	54	48	41	52	46	38	50	54	56	54	44	46	45.6
Mount Ida	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nail	Maximum	62	70	76	79	70	69	65	52	56	46	61	69	74	69	69	71	72	79	86	83	64	71	70	69	70	71	71	75	76	71	72	69.3
	Minimum	42	47	49	50	49	50	47	36	40	36	36	46	44	44	43	47	52	52	50	55	47	47	41	40	42	45	55	54	54	53	55	46.7
Newport	Maximum	74	80	87	91	90	85	79	67	66	60	70	76	84	77	74	80	80	83	92	85	73	81	86	82	80	71	80	86	84	71	78	79.1
	Minimum	47	45	50	56	59	64	62	46	46	45	43	45	51	54	50	47	54	62	58	65	55	50	56	57	50	56	61	64	69	54	53	54.0
Osceola	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	Maximum	....	70	74	85	69	66	54	64	64	56	71	75	76	74	79	81	85	90	84	....	74	89	87	63	78	75	....	87	83	70	76	75.0
	Minimum	....	43	44	42	58	55	52	54	45	43	40	44	50	45	45	50	56	64	65	....	51	69	60	55	50	60	....	57	61	52	51	52.2
Pine Bluff	Maximum	79	81	84	90	91	90	90	72	71	61	71	79	87	80	75	81	82	89	90	90	71	81	91	85	81	85	90	94	84	76	81	82.3
	Minimum	47	46	60	68	58	57	60	47	47	46	41	46	54	59	52	50	53	61	63	68	57	50	51	64	52	62	63	70	69	56	59	55.8
Pocahontas	Maximum	68	75	83	87	84	83	75	62	63	59	68	73	80	73	69	76	76	79	86	83	73	77	81	79	74	74	80	77	79	72	75	75 6
	Minimum	47	42	47	50	54	58	60	43	40	40	38	43	47	69	47	44	52	60	53	58	54	47	50	53	41	52	59	62	65	48	48	50.7
Portland	Maximum	73	78	82	86	82	85	76	70	71	72	72	77	84	78	78	81	81	87	87	89	83	78	87	85	76	74	91	92	92	76	80	80.7
	Minimum	51	49	53	56	59	60	61	50	49	50	45	47	53	60	55	49	52	56	61	60	63	53	56	69	56	62	67	72	75	59	58	57.0
Prescott	Maximum	75	77	81	87	86	83	76	70	72	66	72	76	85	77	74	81	81	87	87	83	76	77	87	82	79	79	89	90	85	75	76	79.7
	Minimum	48	44	51	57	55	60	59	48	47	45	43	46	53	59	51	50	52	58	60	66	58	51	57	62	53	61	61	71	67	56	58	55.1
Rison	Maximum	73	78	83	88	88	84	78	68	69	61	71	75	84	76	72	79	81	87	87	86	79	76	86	81	79	77	88	90	85	76	76	79 4
	Minimum	46	45	50	59	57	59	60	47	46	45	41	45	54	63	57	50	60	58	62	66	46	50	56	61	51	61	62	72	68	56	56	55.1
Rogers	Maximum	65	75	79	77	82	82	65	58	55	49	66	73	73	66	69	76	79	76	87	76	68	77	81	77	76	69	83	74	69	68	73	72.4
	Minimum	37	39	46	47	54	57	55	38	38	37	33	36	51	39	42	41	52	54	55	69	51	42	66	45	44	56	57	56	59	49	49	47.9
Searcy	Maximum	70	76	81	86	86	85	80	78	68	60	69	76	83	74	72	78	81	84	89	83	70	79	86	81	71	68	77	81	78	68	70	77.0
	Minimum	46	41	45	53	52	55	60	45	40	40	37	40	45	50	51	45	47	53	55	60	55	45	50	53	47	54	59	63	69	50	48	50.1
Stuttgart	Maximum	72	75	82	86	85	84	75	65	70	58	69	76	81	75	71	79	79	85	85	86	76	75	85	78	77	75	84	89	85	75	77	77.9
	Minimum	46	46	51	58	58	61	61	45	44	45	40	45	51	59	50	48	53	57	62	67	56	49	56	58	49	50	62	74	70	55	56	54.3
Subiaco	Maximum	77	83	87	87	87	77	65	65	58	73	74	81	76	76	....	84	87	94	88	70	78	88	81	80	79	86	89	82	71	87	89	80.0
	Minimum	43	50	55	57	63	61	44	47	43	40	45	50	49	46	....	49	56	60	64	57	50	61	54	49	59	61	63	64	53	50	51	53.1
Texarkana	Maximum	75	78	82	82	85	80	72	70	71	70	74	73	85	78	72	80	82	88	83	79	78	83	83	76	73	78	89	90	83	76	72	78.7
	Minimum	46	45	53	56	59	62	58	48	51	48	42	46	56	60	50	49	55	60	63	67	65	54	62	66	57	63	62	74	71	59	58	56.9
Warren	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	Maximum	72	75	73	87	87	84	74	72	64	61	70	75	80	75	71	77	80	85	89	83	71	78	84	79	78	70	85	87	85	71	77	77.4
	Minimum	48	43	51	61	60	62	61	45	45	46	39	43	52	57	50	45	56	60	61	62	56	47	56	61	59	58	66	67	71	53	55	54.7

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, Ark., JUNE, 1924. No. 6.

GENERAL SUMMARY.

Temperatures were somewhat below normal during the first week of June and considerably below on the 30th while during the remainder of the month they were generally above, the monthly mean for the State being 1.7° above normal. Precipitation totals for the month averaged below normal, but the geographical distribution was irregular, departures varying from +6.35 inches at Calico Rock to —3.87 inches at Portland. Although showers were mostly light they occurred with about normal frequency and were favorable for late planted cotton, however stands are not good in many fields, the cool weather of May and the first days of this month interfering seriously with germination and growth. As a whole the month was favorable for corn and the latter portion for cotton, both making excellent progress. Corn was in good to excellent condition at the close of the month while cotton was poor in a few localities, fairly good to very good elsewhere. Few weevil were reported at the close of the month.

The White River was above flood stage at Calico Rock on the 12th and at Batesville on the 13th, practically flood stage at Newport and Georgetown a few days later. A wind and rain storm swept the upper White River Valley on the 17th uprooting trees damaging buildings, and washing out the track of the Missouri Pacific's White River division for about 15 miles. The loss due to the wind and the flood is estimated at over $100,000. W. C. H.

TEMPERATURE.

The mean temperature for June, as determined from the records of 50 stations, was 78.5° which is 1.7° above normal, positive departures being recorded in practically all sections. The highest monthly mean was 82.6° at Huttig, the lowest, 72.0°, at Nail. The highest temperature recorded during the month was 105° at Texarkana on the 12th, the lowest 42° at Dutton on the 2d. The lowest occurred from the 1st to the 3d in most sections of the State, the highest on different dates. The greatest daily range was 40° at Mount Ida on the 4th.

PRECIPITATION.

The average precipitation for June, as determined from the records of 71 stations, was 3.64 inches which is 0.44 inch below normal. Practically all stations south of the Arkansas River showed nagative departures with positive prevailing to the northward. Monthly totals ranged from 0.27 inch at Portland to 9.90 inches at Calico Rock. The greatest amount measured in 24 consecutive hours was 4.00 at Pindall on the 11th. The average number of rainy days was 8.

Late Reports: Osceola, May, 1924: Mean temperature 64.6°. Total precipitation 4.09.

Correction: Annual, 1923, Page 53: Calico Rock, September departure from the normal should be –1.18.
El Dorado, November departure should be –1.07.
Eureka Springs, Annual precipitation should be 53.04.
Helena, Annual precipitation should be 68.47.
Mammoth Spring, July departure should be –1.10. November departure should be –1.09.
Subiaco, November total precipitation should be 3.48.
Waldron, Annual precipitation should be 64.42.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 1st, 7; 2d, 6; 3d, 4; 5th, 2; 6th, 12; 8th, 1; 9th, 9; 10th, 21; 11th, 15; 12th, 3; 13th, 1; 14th, 4; 15th, 1; 16th, 8; 17th, 3; 18th, 2; 20th, 8; 21st, 5; 22d, 2; 23d, 3; 25th, 8; 26th, 7; 27th, 1; 29th, 13; 30th, 5.

Lunar Halos:- 9th, 1; 12th, 1.

Solar Halos:- 14th, 1.

Dense Fog:- 3d, 1.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	29.89	30.32	30	29.57	7	3,979	24	s.	9	.....	.....	57
Fort Smith...	29.88	30.22	30	29.61	7	6,052	51	w.	9	80	60	73
Little Rock	29.92	30.23	30	29.71	7	6,528	34	nw.	10	84	61	69
Memphis....	29.94	30.16	30	29.76	7	4,278	35	nw.	14	80	62	64

COMPARATIVE DATA FOR JUNE.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes.	76.8		110	37	4.08		13	11	6	8
1891.....	77.9	+1.1	103	55	3.71	−0.37	11	11	8	17
1892.....	76.9	+0.1	106	44	3.87	−0.21	16	10	4	8
1893.....	76.3	−0.5	99	49	5.20	+1.12	12	12	6	9
1894.....	76.6	−0.2	106	42	1.39	−2.69	17	10	3	4
1895.....	76.9	+0.1	100	47	5.94	+1.86	12	10	8	10
1896.....	77.7	+0.9	103	48	1.91	−2.17	14	10	6	5
1897.....	78.0	+1.2	106	41	3.46	−0.62	12	13	5	6
1898.....	78.7	+1.9	100	60	4.86	+0.78	8	14	8	11
1899.....	77.3	+0.5	102	50	2.74	−1.34	13	12	5	6
1900.....	76.6	−0.2	100	43	7.10	+3.02	7	14	9	13
1901.....	79.4	+2.6	110	41	1.44	−2.64	16	12	2	4
1902.....	77.5	+0.7	105	42	5.27	+1.19	16	9	5	6
1903.....	70.5	−6.3	99	37	2.53	−1.55	13	10	7	7
1904.....	75.3	−1.5	99	50	7.14	+3.06	11	13	6	10
1905.....	77.9	+1.1	104	44	5.90	+1.82	12	10	8	10
1906.....	76.2	−0.6	101	44	4.60	+0.52	14	10	6	8
1907.....	75.2	−1.6	103	39	4.48	+0.40	14	11	5	8
1908.....	76.0	−0.8	98	46	3.85	−0.23	13	11	6	8
1909.....	76.9	+0.1	104	49	4.08	0.00	12	12	6	10
1910.....	74.1	−2.7	99	44	4.85	+0.77	12	13	5	10
1911.....	80.9	+4.1	106	47	2.53	−1.55	16	11	3	6
1912.....	73.1	−3.7	97	42	5.83	+1.75	11	12	7	9
1913.....	77.0	+0.2	103	39	1.68	−2.40	16	11	3	4
1914.....	82.3	+5.5	109	52	1.00	−3.08	19	10	1	2
1915.....	76.0	−0.8	106	45	4.92	+0.84	12	9	9	9
1916.....	75.4	−1.4	99	43	5.15	+1.07	12	10	8	8
1917.....	75.2	−1.6	105	37	4.87	+0.79	18	7	5	6
1918.....	80.5	+3.7	110	49	3.55	−0.53	15	9	6	7
1919.....	76.9	+0.1	101	45	5.11	+1.03	11	10	9	10
1920.....	74.7	−2.1	101	42	3.41	−0.67	19	6	5	6
1921.....	78.5	+1.7	103	46	4.84	+0.76	12	10	8	11
1922.....	78.6	+1.8	104	44	2.64	−1.44	16	8	6	7
1923.....	76.7	−0.1	99	46	5.20	+1.12	13	11	6	9
1924.....	78.5	+1.7	105	42	3.64	−0.44	15	6	9	8

*Based on 50 years record.

Climatological Data for June, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	3.33	−1.77	0.98	0	6	8	0	22	s.	F J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	0.57	−3.67	0.80	0	4	21	3	6	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	6.75	.....	2.75	0	11	11	12	7	ne.	J. DReeves.
Batesville	Independence	277	25	76.6[a]	+ 1.2	94[a]	15	50[a]	2	37[a]	5.36	+1.33	1.76	0	10	9	6	15	s.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	76.4	− 0.4	97	24†	48	2	33	5.86	+1.74	3.70	0	9	6	20	4	s.	J. E. Scanlan.
Bentonville	Benton	1303	19	75.5	+ 1.4	93	13	50	2	27	4.74	+0.18	1.05	0	11	12	9	9	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.76	+0.42	0.94	0	14	16	3	11	.....	Vernon C. Howe.
Booneville	Logan	465	10	81.0	+ 3.4	100	15†	50	3	33	2.95	−1.24	1.04	0	9	19	10	1	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	80.6	+ 2.9	97	17†	56	2	29	3.06	−0.38	1.51	0	5	16	10	4	s.	H L. D. Whitson.
Calico Rock	Izard	361	20	75.7	+ 7.1	96	13	50	2†	32	9.90	+6.35	3.86	0	12	4	21	5	s.	W. J. Copp.
Camden	Ouachita	158	39	79.4	+ 1.2	96	12†	57	2†	30	2.84	−1.85	0.96	0	9	16	4	10	s.	A. B. Quarterman.
Center Point	Howard	470	25	80.9	+ 2.3	101	29	58	2	27	2.25	−2.13	0.96	0	6	15	10	5	sw.	John C. Floyd.
Clarendon	Monroe	200	20	....	.....	.....	.....	.....	.....	.....	2.64	−0.70	1.03	0	5	12	8	10	s.	J. W. Bishop.
Clinton	Van Buren	516	3	....	.....	.....	.....	.....	.....	.....	5.98	.....	3.25	0	9	11	13	6	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	79.2	+ 1.0	98	15†	54	2	30	4.04	−0.01	0.93	0	9	17	12	1	s.	E. E. Cordrey.
Corning	Clay	293	31	76.6	+ 1.0	96	14	48	2	34	3.13	−0.99	0.63	0	10	18	9	3	se.	Winfred D. Polk.
Dam No. 1	White	190	2	....	.....	.....	.....	.....	.....	.....	4.49	.....	3.00	0	6	24	0	6	sw.	J. O. Yingling.
Danville	Yell	327	9	....	.....	.....	.....	.....	.....	.....	4.79	+1.43	2.38	0	4	18	0	12	s.	C. P. Evans.
Dardanelle	Yell	330	38	79.8	+ 2.0	100	28	52	1	33	4.75	+1.11	1.40	0	6	14	5	11	s.	J D. Riley.
Dodd City	Marion	1175	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Neal Dodd.
Dumas	Desha	162	18	81.6	+ 2.8	99	29	59	2	29	2.10	−2.03	0.97	0	5	11	15	4	s.	Ben Johnson.
Dutton	Madison	1590	21	72.6	+ 0.8	93	15	42	2	36	3.53	−1.97	0.99	0	11	14	16	0	s.	J. M. Ricketts.
El Dorado	Union	270	23	82.2	+ 3.2	99	12†	60	2†	28	1.96	−1.28	1.00	0	7	13	13	4	sw.	J. J. Babb.
England	Lonoke	229	17	79.8	+ 1.9	98[a]	15	55[a]	2	30[a]	2.11	−1.55	0.56	0	9	18[a]	9[a]	2[a]	s	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	75.4	+ 1.4	94	13	48	2	32	5.96	+0.33	1.40	0	11	15	13	2	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	77.0	....	95	13	50	2	29	8.21	.....	3.44	0	10	7	13	10	s.	C. C. Price.
Fayetteville	Washington	1451	37	75.5	+ 1.3	93	15	54	13†	29	5.28	+0.71	1.15	0	10	14	11	5	sw.	University of Arkansas.
Fort Smith	Sebastian	481	42	80.0	+ 2.5	99	28	55	2	29	3.96	−0.04	1.63	0	8	10	15	5	s.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	....	.....	.....	.....	.....	.....	.....	1.11	−2.82	0.45	0	4	13	9	8	.....	F. J. Logan.
Georgetown	White	200	11	....	....	.....	...	.....	.....	.....	5.17	+1.72	2.55	0	9	12	9	9	s.	W. R. Owens.
Grannis	Polk	900	6	77.2[a]	.....	95[a]	14†	52[a]	2†	33[a]	1.69	.....	0.65	0	6	24[a]	4[a]	1[a]	sw.	W. E. Mc Vay.
Gravette	Benton	1250	27	75.8	+ 2.2	94	15	46	2	31	4.41	−1.00	1.15	0	10	10	8	12	sw.	A. F. Stevens.
Harrison	Boone	1052	25	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	8	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	....	.....	.....	.....	.....	.....	.....	3.68	−0.25	1.10	0	13	19	2	9	s.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	4.77	.....	2.42	0	9	11	18	1	sw.	J. A. Ingram.
Hope	Hempstead	377	53	81.0[b]	+ 2.6	102[b]	15	57[b]	2†	32[b]	1.96	−1.93	0.88	0	6	12[g]	10[c]	1[g]	s.	N. P. O' Neal.
Hot Springs	Garland	600	33	80.0	+ 2.1	102	25†	54	2	30	3.16	−1.42	1.05	0	6	18	10	2	.....	P. P. Patraw.
Huttig	Union	175	17	82.6	+ 3.2	101	26†	61	1	32	1.25	−3.10	0.50	0	3	18	7	5	sw.	J. L. Collett
Jonesboro	Craighead	345	29	78.6	+ 1.0	95	25†	53	2	29	4.20	+0.50	1.62	0	13	24	4	2	sw.	Benedictine Sisters.
Junction	Union	382	30	81.0	+ 1.6	102	16	57	1	30	3.55	−0.41	2.40	0	3	21	6	3	w.	J. A. Lowderback.
Lambrook	Phillips	155	2	....	.....	.....	.....	.....	.....	.....	2.17	.....	1.21	0	4	15	10	5	.....	G. A. Newton.
Little Rock	Pulaski	399	45	79.3	+ 1.9	95	15	60	3	25	2.89	−1.20	0.96	0	13	13	10	7	s.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	27	76.2	+ 0.4	93	28	54	2†	28	4.54	+0.07	0.90	0	12	18	10	2	se.	H. Kauffeld.
Magnolia	Columbia	315	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Agri. School.
Malvern	Hot Springs	277	37	80.3	+ 2.8	98	15†	55	2†	34	4.15	0.00	1.20	0	7	21	8	1	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	74.4[d]	+ 0.1	93[a]	29	47[a]	2	27[a]	3.11	−1.21	1.33	0	11	12	10	8	n.	F. M. Daniel.
Marianna	Lee	235	16	80.0	+ 2.0	96	18	57	1	27	5.51	+0.99	1.62	0	8	22	4	4	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	78.6	.....	96	11†	54	1	29	3.00	+0.07	1.92	0	10	18	10	2	n.	Charles Walton.
Marshall	Searcy	1070	10	....	....	.....	.....	.....	.....	.....	5.03	+1.13	1.82	0	8	.....	.....	.....	.....	A. J. Park.
Mena	Polk	1185	38	79.2[a]	+ 2.8	99[a]	28	51[a]	2	35[a]	2.67	−2.17	1.69	0	7	21[a]	4[a]	4[a]	sw	E. W. St. John.
Morrillton	Conway	347	3	79.4	.....	99	15	57	2	30	3.12	.....	0.90	0	7	21	8	1	s.	W. E. Arnold.
Mountain Home	Baxter	800	11	73.9	.....	94	14†	51	4	35	6.27	+1.98	1.84	0	13	16	4	10	w.	B S. Halbert.
Mount Ida	Montgomery	730	25	78.2	.....	98	29	48	3	40	3.53	−1.11	0.81	0	6	19	3	8	se.	G A. Whittington.
Murfreesboro	Pike	367	8	....	.....	.....	.....	.....	.....	.....	2.60	−1.91	1.24	0	5	19	0	11	.....	Henry A. Davis.
Nail	Newton	2233	28	72.0	+ 0.1	88	21†	52[a]	2	25[a]	4.66	−0.27	1.20	0	9	11	17	2	s.	Charles Paxton.
Newport	Jackson	231	40	80.2	+ 2.4	100	27	56	2	36	4.90	+1.26	1.84	0	12	7	19	4	s.	Geo L. Robinson.
Osceola	Mississippi	240	26	78.6	+ 1.4	97	24†	51	2	30	2.00	−1.46	1.34	0	7	17[a]	6[a]	6[a]	s.	W. W. Prewitt
Ozark	Franklin	450	28	78.6	+ 0.6	99	9	53	2	34	3.84	−0.43	1.04	0	7	14	9	7	sw.	Isham Burrow.
Patterson	Woodruff	196	8	....	.....	.....	.....	.....	.....	.....	4.70	+0.60	2.09	0	6	20	0	10	s.	W. E. Baker.
Pindall	Searcy	1500	3	.....	...	...	.....	.....	.....	.....	6.69	.....	4.00	0	12	6	14	10	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	82.0	+ 3.0	101	12	59	1†	31	2.47	−1.40	1.02	0	6	19	0	11	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	30	76.9	+ 0.5	94	27	50	2	30	4.52	+0.57	1.05	0	15	6	18	6	s.	Benedicitine Sisters
Portland	Ashley	122	18	82.4	+ 3.2	101	12	61	2†	29	0.27	−3.87	0.27	0	1	20	5	5	sw.	W. E. Edmiston.
Prescott	Nevada	329	36	81.2	+ 2.7	100	14†	56	2	32	1.44	−2.30	0.50	0	7	24	4	2	s.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	2.00	−2.15	1.00	0	5	18	1	11	.....	Foote Coleman.
Rison	Cleveland	243	23	81.0	+ 3.1	99	29	58	2	29	1.84	−2.11	0.45	0	8	11	15	4	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	31	71.9	+ 1.5	93	15†	47	2	32	5.95	+1 34	1.88	0	13	13	10	7	sw.	Carl A. Starck.
Searcy	White	236	11	77.0	− 0.2	97	28	53	2	31	.....	.....	.....	0	.....	17	10	3	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	1.37	.....	0.32	0	8	18	11	1	.....	J. L. Britt.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	1.62	−2.74	0.95	0	3	16	3	11	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	79.7	+ 2.1	96	12†	57	2†	26	2.37	−1.74	1.43	0	7	17	10	3	sw.	H. A Buerkle.
Subiaco	Logan	1050	27	80.2	+ 2.8	101	27†	53	2	34	2.88	−1.09	0.95	0	8	21	7	2	s.	New Subiaco Abbey
Texarkana	Miller	332	39	81.8	+ 2.8	105	12	57	4	35	2.35	−1.28	0.85	0	6	23	4	3	s.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	4.07	.....	1.04	0	8	15	5	10	s.	Dr. Cheves Bevill.
Warren	Bradley	206	28	....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	2.15	−1.36	1.00	0	5	20	5	5	sw.	Nannie O. Schirmer
Wynne	Cross	250	18	79.6	+ 1.1	95	9†	56	2	27	1.83	−1.72	0.61	0	10	18	6	6	s.	E. O. Allen.
State Means and Extremes				78.5	+ 1.7	105	12	42	2	40	3.64	−0.44	4.00	0	8	15	6	9	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. **T.** Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville, R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for June, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																																
Arkadelphia ‖‖	Ouachita	.15									.50		.65									.60	.45							.98		3.33
Arkansas City ‖‖	Mississippi	.03	.30	T						T.	.03		T.					.21					T.							T.		0.57
Arlberg	White			.20			.50			.40	2.75	1.75			.10		.40					.10	.15	.15		.25						6.75
Batesville ‖‖	White			.52				.44			1.16		1.76			.11		.23	.74	T.			T.	.32	.02		.06					5.36
Bee Branch	Arkansas			.26			.29			.06	3.70	1.15					.05					.14	T.			T.	.10			T.	.11		5.86
Bentonville ***	Arkansas	.34	.17		T.	T.	.36		T.	.46		1.04			.02		.80				1.05	.03	.40		T.					.07			4.74
Black Rock‖ ‖‖	White			.94			.01	.18		.04	.83		.13			.15	.42	.08	.04				.03	.34	.07		.50	T.			T.		3.76
Booneville	Arkansas		.14				.60				1.04	.03									.04		.02				.04			.26	.78		2.95
Brinkley ‖	White							.31			1.51		.58											T.			.30				.36		3.06
Calico Rock ‖ ‖	White	T.	T.	.32				.15		.08	1.19	T.	3.86			.88	T.	.06	1.53			.16	.01	T.	T.	.20	1.46	T.	T.				9.90
Camden ‖‖	Ouachita	.14					.01				.12		.96								.25	.07	.67	.04						.58		2.84
Center Point	Red	.12					.03				.96										T.	.48	T.							.01	.65		2.25
Clarendon ‖‖	White	.42		.20							.96		T.									.04	T.				1.03				.03		2.64
Clinton	White		.15				.29				3.25	1.45					.04		T.		.36	.04	T.			.32	.08						5.98
Conway	Arkansas	.20	.54				.49			T	.93	.73					.06						.17				.35				.57		4.04
Corning	White	.07		.21			.25				.42	.63				.41		.09				.32				.56	.17						3.13
Dam No. 1	White						.84				3.00	.19					.09	.26					.11										4.49
Danville ‖	Arkansas			T.			.40				.69		T.										T.				2.38			1.32			4.79
Dardanelle	Arkansas			.06							1.00		1.40									.12					1.12			1.05			4.75
Dumas	Arkansas	.22		.60				T.		T.	.28		T.		T.							T.	.03							.97		2.10
Dutton	White	T.					.56			.48	.64	.04			.03		.24					.99		.09			T.			.22	.10		3.53
El Dorado‖‖	Ouachita	.11	.34							T.		.02		.36								.03	1.00	.10						T.		1.96
England	Arkansas	.43		.14			.37				.56	.02									.14	.02	T.							.10	.33		2.11
Eureka Springs	White	.31	.11				.42			.21	.41	1.10					1.40					.91	.26	.70			.13						5.96
Evening Shade	White			1.60						T.	.26	3.44			.88	.40	.03		.19					.33		1.05		.03				8.21
Fayetteville	White	.55		.51	T.		.64			.30	.11	.67					1.10					1.15	T.	.10						.15	T.		5.28
Fort Smith ***	Arkansas	T.	.07			T.	.76			.84	.04	.37		T.			T.				T.	.25	T.			T.				1.33	.30		3.96
Fulton ‖	Red	.35									.15		T.									.45	.16										1.11
Georgetown ‖ ‖	White	.40		1.25				.25			2.55		.10			.04			T.				.04	.10			.44						5 17
Grannis	Red	.20				T.	.15		T.		.65	.05										.56								.08			1.69
Gravette	Arkansas	.34	T.	.14	T.		.33				1.08	.35			T.		1.15				T.	.56	.11	.26		T.					.09		4.41
Harrison	White																						.01	.15									
Helena	Mississippi	.76		.20						.02	1.10	.12				.42			.44			.02	.32	.04			.04	.14			.06		3.68
Higden	White		.30				.22			2.42		1.40			.03		.12					.21	.04			.03							4.77
Hope	Red	.39									.05	T.									.17	.37	.10							.88		1.96
Hot Springs	Ouachita	.42					.01				.64	1.04									T.	T.	T				T.			.25	.80		3.16
Huttig	Ouachita	.25							T.	T.											T.	T.	.50								.50		1.25
Jonesboro	White			.21			.33				1.62	.10			.08	.28	.10	1.03		.02	.02	.31	.01				.03						4.20
Junction	Ouachita	.47							T.			.68										2.40	T.										3.55
Lambrook‖‖	White	.74		.12							1.21																				.10		2.17
Little Rock ***	Arkansas	.22	.20	.06			.28				.72	.96			T.		T.				T.	.04	.09	.04		.03	.07			.03	.15		2.89
Lutherville	Arkansas		.05				.77			.46	.72	.42					.02				.37	.48				.09	.90			.93	.23		4.54
Malvern	Ouachita	1.07		.01							.37		.93									.10	.45								1.20		4.16
Mammoth Spring	White	.15		.23	.02					.08	.53		.73					.01						.03		.01	1.33	.01					3.11
Marianna	Mississippi	.45		.21			.02				1.62	.01			.03			.23									2.94						5.51
Marked Tree ‖	Mississippi	.10		.28			.23	.15			1.92		.09			.06	.09		.01				T.		T.		.04						3.00
Marshall	White			.50			.85			.12	.70	1.82						.65				.38	.01										5.03
Mena ‖	Ouachita	.06		.03			.30				1.69	.26	T.									.22	.11										2 67
Morrilton	Arkansas		.45	T.			.20				.45	.50										.25	T				.90				.37		3.12
Mountain Home	White	.28	.25	.08			.01			.82		1.84			.82		.08	1.50			.15	.30	.02				.12						6.27
Mount Ida	Ouachita										.81	.35									.17	.70								.70	.50		3.53
Mt. View	White										1.60	1.83			.35		.21	.46	.02	.16			.06										
Murfreesboro ‖	Ouachita		.12								.63												.47	.14							1.24		2.60
Nail	White			.25			.33			.28	1.20	.60									.60	T.					.90			.10	.40		4.66
Newport ‖	White			.19			.02			.64	1.84		.01			.80	.06	.04	.80				.19	.11			.62						4.90
Osceola ‖	Mississippi	.05		.02			.10				1.34	.14				.21											.14						2.00
Ozark	Arkansas					T.		.22		.73	1.04	.27			T.							.44								.53	.61		3.84
Patterson‖‖	White	.25		.60				.50			2.09									.25							1.01						4.70
Pindall	White	.01	.08			.22				.19	.27	4.00			.26		.50				.30	.76		.09			.01						6.69
Pine Bluff ‖	Arkansas	.45						.02		T.	1.02		T.									.10	.25	T.							.63		2.47
Pocahontas	White			.80			.15			.10	.83	.70	.05			.25	.05		.10			.12	.10	.15		.20	.85			.05			4.52
Portland ‖	Ouachita	.27																															0.27
Prescott	Ouachita	.23					.01				.32		.06								T.	.22	.10								50		1.44
Princeton ‖‖	Ouachita							1.00			.25									.20	.30									.25		2.00
Rison ‖	Ouachita	.12								.18	.40										.10	.43	.08	.08							.45		1.84
Roger	Arkansas	.43	.12		.02		.67			.31		1.88					.77				.72	.27	.23	.32		T.				.02	.19		5.95
Searcy	White		.20	.10			.15	T.			.15	.50			T.		.10		T.				.10										
Snow Lake	Mississippi	.82		.21						.13	.20	.18	.17																	.12	.04		1.37
Springbank ‖‖	Red	.12		T.																		.95	.95										1.62
Stuttgart	Arkansas	1.43		T.			.04				.55	.02									T.	.06								.07	.20		2.37
Subiaco	Arkansas		.03				.65				.82	.15									.16	.08	.01			T.				.95			2.88
Texarkana ‖	Red	.56									.05			13								.85	.82										2.35
Waldron	Arkansas		.46				.93		T.		1.04	.06									.21	.09						.28	1.00				4.07
Warren	Ouachita																																
Whitecliffs	Red	.30										.10									.10	1.00								.65			2.15
Wynne‖	Mississippi	.20		.61			.05	.08			.03		.02			.01			.56			T.		.11			16						1.83

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‖ measured in the morning. T. Trace, or less than 0.1 inch.

Daily River Stages for June, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	17.0	16.2	13.2	11.4	10.0	9.3	14.5	12.8	10.6	11.8	13.3	15.0	17.0	16.6	14.8	12.7	11.6	10.3	9.0	9.6	9.0	9.2	8.5	9.8	10.0	9.8	9.5	8.5	7.6	8.0	....
Dardanelle	.....do	20	15.0	15.5	14.7	13.1	9.5	7.9	7.4	11.7	11.1	8.9	10.3	11.8	14.0	15.4	14.7	13.2	10.8	8.9	7.9	7.2	7.1	7.1	7.3	6.4	6.0	7.8	7.0	6.8	6.1	5.6	....
Little Rock	.....do	23	13.4	14.5	15.6	14.2	12.0	9.2	7.4	6.5	8.8	10.4	8.5	9.5	11.5	13.8	15.2	14.8	12.9	10.5	8.2	6.9	6.0	5.9	5.1	5.0	5.0	4.4	5.4	5.7	5.2	4.9	....
Pine Bluff	.....do	25	16.7	17.3	18.3	18.3	17.1	15.2	13.2	11.7	10.9	14.1	14.0	13.2	14.4	16.0	17.8	18.5	17.7	16.2	14.2	12.5	11.2	10.4	10.1	8.9	9.8	9.3	9.1	10.1	10.0	9.8	....
Black Rock	Black	14	12.3	12.0	11.8	11.5	10.5	9.4	9.0	8.7	8.6	8.7	8.8	11.5	12.7	10.0	9.0	9.3	9.0	8.3	7.6	6.9	6.6	6.5	7.7	8.8	9.4	11.0	10.8	10 5	9.6	9.4	....
Calico Rock	White	18	11.3	9.8	7.3	6.6	5.6	4.9	4.4	4.1	3.7	3.6	4.8	26.0	15.2	11.6	10.8	8.6	7.2	11.2	8.0	6.7	7.0	9.3	7.7	7.5	6.5	5.8	5.2	5.3	5.1	4.6	....
Batesville	.....do	23	18.6	17.9	14.8	13.6	12.4	11.1	10.5	10.0	9.5	10.2	10.0	25.5	30.3	21.2	19.8	16.4	14.5	18.0	16.5	14.0	12.7	15.2	15.6	13.6	13.5	12.2	11.5	11.0	11.1	10.8	....
Newport	.....do	26	22.2	22.0	21.6	20.2	19.5	17.4	14.3	12.8	11.7	11.2	11.2	16.5	22.4	25.4	24.7	24.0	22.4	21.2	21.3	20.1	17.3	16.2	15.1	15.9	15.7	15.4	15.0	14.4	13.0	12.7	....
Georgetown	.....do	22	18.2	18.4	18.8	19.2	19.8	20.0	20.2	20.2	19.8	19.6	19.8	20.0	20.4	20.8	21.0	21.3	21.7	22.0	22.0	22 0	21.8	21.6	21.2	21.0	20.6	20.4	19.8	19.6	19.2	18.8	....
Clarendon	.....do	30	20.7	21.4	22.0	22.6	23.1	23.5	24.0	24.4	24.7	25.1	25.3	25.5	25.6	25.7	25.8	25.9	26.0	26.2	26.3	26.6	26.8	27.0	27.0	27.0	26.9	26.8	26.6	26.4	26.2	25.9	....
Helena	Mississippi	42	34.3	34.7	35.1	35.6	36.1	36.6	36.9	37.0	36.9	36.7	36.1	35.1	33.9	32.4	31.2	30.8	31.6	32.8	33.9	34.8	35.3	35.6	35.9	36 2	36 4	36.3	35.8	35.0	33.9	32.7	....
Arkansas City	.....do	48	37.7	38.1	38.7	39.3	39.8	40.3	40.7	41.0	41.2	41.3	41.3	41.3	41.0	40.5	39.9	39.4	39.1	39.1	39.4	39.7	40 0	40.2	40.3	40.4	40.6	40.7	40.8	40.7	40.4	40.0	....
Camden	Ouachita	49	13.0	12.3	11.7	10.6	8.4	8.0	7.7	7.0	6.8	6.1	5.8	5.8	6.0	8.0	7.9	7.4	6.7	6.0	5.4	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.0	5.0	4.9	4.8	....
Danville	Petit Jean	20	13.7	7.9	5.8	5.1	4.8	4.7	7.4	8.0	5.2	4.5	6.8	7.5	5.3	4.9	4.0	3.6	3.4	3.4	3.3	3.3	3.2	3.2	2.3	2.3	2.2	3.2	3.7	3.4	2.6	2.8	....
Fulton	Red	28	19.9	19.1	17.8	16.0	14.2	12.3	11.3	10.8	10.1	10.0	9.7	9.5	9.8	10.0	10.8	9.8	9.8	9.6	9.6	10.0	10.2	10.2	9.9	9.5	9.2	8.9	8.6	8.6	10.0	8.9	....
Arkadelphia	Ouachita	18	1.2	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3	0.3	0.7	2.4	2.4	1.9	1.2	1.0	0.8	0.6	0.4	0.4	0.3	0.5	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	....
Patterson	Cache	9	8.0	8.3	8.6	9.1	9.4	9.7	9.6	9.3	8.9	8.8	8.6	8.3	8.0	7.8	7.6	7.4	7.3	7.1	7.0	7.0	7.0	7.0	6.8	6.6	6.5	6.5	6.3	6.2	6.0	5.8	....

Daily Temperatures for June, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Batesville§§	Maximum	77	78	80	84	84	78	86	88	88	90	....	91	90	87	94	85	92	90	90	86	82	84	92	91	90	93	93	92	87	79	....	86.9
	Minimum	51	50	55	54	61	68	61	67	75	67	71	....	62	78	57	68	66	66	78	75	70	68	71	69	71	62	71	75	76	62	....	66.4
Bee Branch	Maximum	80	73	76	84	88	84	86	91	91	89	88	93	95	90	95	95	95	91	95	91	85	89	94	97	93	95	97	97	95	83	....	89.8
	Minimum	56	48	50	52	58	63	60	70	64	63	62	60	68	68	65	69	64	66	71	69	63	64	67	65	67	63	67	61	72	58	....	63.1
Bentonville	Maximum	68	75	77	85	86	74	86	86	81	85	90	89	93	88	92	80	90	91	90	88	82	82	88	90	90	90	92	92	78	75	....	85.1
	Minimum	58	50	56	62	68	63	64	72	64	63	63	62	71	69	72	65	69	75	75	66	66	66	65	72	68	68	73	74	63	56	....	65.9
Booneville	Maximum	78	82	82	92	90	83	90	90	92	92	95	96	98	93	100	95	95	96	95	93	84	89	94	95	94	98	100	100	94	79	....	92.0
	Minimum	64	54	50	59	71	64	67	77	71	66	66	76	77	73	75	72	75	77	74	70	73	73	76	76	69	76	79	76	67	61	....	70.1
Brinkley	Maximum	81	79	83	87	88	85	90	92	96	90	89	96	95	88	96	92	97	97	94	85	86	87	93	96	96	97	96	96	93	89	....	91.0
	Minimum	59	56	60	60	64	70	65	75	76	67	74	70	75	75	69	73	68	72	77	74	74	71	72	71	75	69	76	74	78	63	....	70.1
Calico Rock§§	Maximum	75	79	80	86	84	75	86	92	88	90	76	88	96	87	92	82	91	88	92	89	84	86	94	94	94	90	92	95	85	77	....	86.9
	Minimum	52	50	52	55	57	67	60	66	69	66	67	63	64	72	67	67	66	65	74	71	65	64	69	67	68	66	68	67	72	59	....	64.5
Camden§§	Maximum	79	81	84	87	88	89	90	92	92	91	95	96	94	96	96	95	94	93	93	86	84	89	89	90	91	93	94	94	94	78	....	90.2
	Minimum	60	57	61	57	61	66	69	74	70	68	68	67	72	70	73	73	74	74	74	72	69	67	71	69	74	71	69	71	71	63	....	68.5
Center Point	Maximum	81	82	84	87	87	91	89	91	92	88	94	95	96	98	97	94	95	93	94	91	89	88	93	93	96	98	98	100	101	78	....	91.8
	Minimum	63	58	59	60	67	70	70	75	74	66	73	70	73	74	74	75	73	74	72	72	67	69	71	72	75	73	73	73	73	62	....	70.0
Conway	Maximum	81	81	83	87	88	81	88	92	93	90	85	94	95	89	96	91	94	91	93	89	85	88	93	95	90	93	97	98	91	78	....	89.7
	Minimum	61	54	58	57	63	68	65	77	72	68	68	64	72	72	72	73	69	73	76	73	70	69	71	69	71	67	72	71	75	68	....	68.6
Corning	Maximum	77	79	79	85	89	78	93	91	92	92	80	84	95	96	81	82	92	89	93	91	84	89	88	95	85	91	93	93	84	89	....	87.6
	Minimum	53	48	55	56	64	64	59	74	75	64	65	63	67	70	65	62	67	64	75	74	69	67	67	66	67	66	71	74	72	74	....	65.9
Dardanelle	Maximum	80	79	83	89	89	92	92	93	92	87	87	92	96	90	95	92	93	97	95	92	91	94	93	91	90	92	98	100	99	92	....	91.8
	Minimum	52	54	56	58	70	71	68	67	65	63	67	62	63	74	73	72	70	72	78	78	70	70	73	71	72	70	73	71	69	64	....	67.9
Dumas	Maximum	80	80	80	86	90	90	90	91	92	88	90	97	97	97	98	95	98	95	97	98	86	93	95	95	95	97	98	98	99	82	....	92.2
	Minimum	64	59	60	62	65	69	69	74	73	68	71	72	76	74	74	75	73	75	84	75	74	72	75	70	75	70	75	74	70	65	....	71.1
Dutton	Maximum	71	74	78	82	83	77	83	85	83	83	85	86	88	86	93	79	89	89	89	86	78	80	87	87	87	88	90	92	83	77	....	83.9
	Minimum	51	42	44	46	60	62	59	72	61	61	65	55	66	63	63	65	64	68	71	68	68	62	62	66	64	62	63	66	65	57	....	61.3
El Dorado	Maximum	79	83	85	88	89	90	91	93	96	93	98	99	98	99	88	99	96	97	96	92	89	90	92	94	95	96	97	98	97	90	....	93.2
	Minimum	66	60	62	60	64	70	71	74	73	69	74	71	76	73	75	75	75	75	75	74	72	70	73	73	75	73	73	74	74	65	....	71.1
England	Maximum	83	82	84	88	90	82	91	93	95	91	89	97	95	92	98	92	....	92	95	88	87	92	93	95	96	96	97	97	95	78	....	91.1
	Minimum	62	55	58	58	60	68	61	74	72	68	73	68	75	71	69	74	....	69	75	73	71	69	72	70	74	70	71	73	73	62	....	68.6
Eureka Springs	Maximum	72	74	78	83	84	83	86	86	83	86	87	91	94	89	93	81	91	91	89	88	83	82	88	88	89	89	91	91	88	79	....	85.9
	Minimum	54	48	53	56	68	60	60	73	63	62	64	58	71	67	70	65	64	68	74	65	63	65	69	72	73	65	74	74	69	58	....	64.9
Evening Shade	Maximum	76	78	80	84	87	79	87	93	89	90	87	88	95	90	92	84	91	88	91	89	84	85	93	95	93	91	93	94	88	79	....	87.8
	Minimum	55	50	51	55	60	65	61	75	74	66	66	62	70	69	66	65	65	66	78	73	68	67	73	68	71	67	71	71	75	63	....	66.2
Fayetteville	Maximum	69	74	78	83	84	82	83	84	84	84	86	86	90	88	93	84	88	88	87	87	81	80	86	87	87	87	91	92	86	75	....	84.5
	Minimum	55	58	54	54	69	65	65	64	64	63	71	61	75	68	71	64	69	75	74	73	68	64	64	71	73	70	73	73	67	59	..	66.5
Fort Smith	Maximum	74	77	81	89	90	81	91	90	90	89	94	93	96	91	98	86	95	95	94	92	84	88	92	94	92	96	98	99	90	78	....	89.9
	Minimum	62	55	57	60	71	65	67	75	67	66	68	65	75	75	73	76	73	79	79	70	70	70	74	76	76	70	77	76	65	63	....	70.0
Grannis	Maximum	77	80	81	85	85	87	87	88	89	84	93	92	93	95	95	90	92	91	91	88	77	85	89	89	92	93	94	94	94	....	....	88.6
	Minimum	60	52	56	52	61	64	67	71	70	64	69	65	66	66	70	70	68	70	70	70	65	65	66	66	70	70	65	68	69	....	....	65.7
Gravette	Maximum	73	73	77	85	86	83	86	85	82	85	90	89	91	90	94	82	90	91	89	87	84	81	87	88	89	91	91	88	75	....	....	85.7
	Minimum	55	46	47	54	67	60	65	75	65	70	65	62	75	68	71	65	71	75	74	70	65	61	65	72	73	69	73	74	69	59	....	66.0
Hope	Maximum	93	85	84	89	89	91	94	....	....	96	99	99	98	101	102	100	99	98	99	92	89	91	95	....	....	....	....	....	....	94	....	94.0
	Minimum	63	57	59	57	66	69	71	....	....	68	71	69	74	70	72	73	74	74	74	70	67	67	68	....	....	....	....	....	....	63	....	68.0
Hot Springs	Maximum	79	81	81	87	86	84	89	92	93	88	92	94	92	91	96	92	95	96	97	94	89	92	94	94	102	97	98	102	95	83	....	91.5
	Minimum	62	54	56	57	63	67	67	75	72	67	67	65	73	68	70	74	70	74	76	70	69	67	70	70	74	78	71	73	72	61	....	68.4
Huttig	Maximum	75	84	86	90	92	91	92	93	94	96	96	100	99	100	100	99	98	99	98	96	86	90	95	97	98	100	101	101	101	92	....	94.7
	Minimum	61	65	62	58	62	68	69	72	73	72	72	74	75	73	73	74	74	74	74	75	75	70	70	72	73	72	72	71	72	67	....	70.5
Jonesboro	Maximum	79	80	79	86	87	82	88	90	92	88	81	91	94	85	87	86	93	90	92	89	89	86	91	93	95	92	95	94	89	82	....	88.2
	Minimum	56	53	56	57	66	68	65	75	75	67	71	76	73	79	67	68	65	68	77	77	70	71	77	71	72	67	73	74	75	62	....	69.0
Junction	Maximum	76	79	81	85	89	91	93	95	97	98	100	101	98	100	101	102	100	100	98	88	89	92	95	97	97	98	97	98	100	78	....	93.8
	Minimum	57	58	59	60	62	63	65	67	69	71	72	71	70	72	71	73	72	73	72	70	67	68	70	71	70	71	72	72	73	68	....	68.3
Little Rock	Maximum	79	81	80	86	87	80	89	91	91	91	83	94	93	89	95	90	93	93	91	84	82	87	89	91	93	93	94	94	91	77	....	88.4
	Minimum	61	60	60	62	66	68	66	76	76	67	68	69	76	74	72	74	71	76	76	73	71	70	72	72	72	71	75	74	73	64	....	70.2
Lutherville	Maximum	75	76	79	86	84	79	86	88	88	85	83	90	91	86	92	86	91	91	92	86	77	84	90	92	86	90	90	93	87	75	....	85.9
	Minimum	60	54	54	58	67	65	65	64	64	61	65	63	74	73	70	72	69	74	68	67	65	67	70	72	72	67	74	73	69	61	....	66.6
Malvern	Maximum	83	82	85	89	90	90	91	94	95	92	92	97	94	92	98	92	95	93	95	92	85	93	92	94	95	96	96	98	98	79	....	91.9
	Minimum	63	55	57	55	62	69	68	75	73	68	78	67	72	70	71	76	70	74	73	70	69	68	69	69	72	71	72	70	72	62	....	68.7
Mammoth Spg. §§	Maximum	73	72	77	76	83	85	72	85	89	85	84	79	....	92	85	86	79	86	84	90	85	83	82	92	92	91	82	92	93	81	....	84.0
	Minimum	53	47	56	58	58	64	59	67	70	67	66	65	....	68	68	63	61	64	73	73	68	65	71	68	70	64	71	72	72	62	....	64.9
Marianna	Maximum	82	80	82	87	88	84	89	90	94	90	86	94	94	91	91	92	95	96	95	90	83	92	93	91	95	90	95	95	94	90	....	90.3
	Minimum	57	58	61	60	64	69	68	76	74	69	72	70	76	75	69	70	70	70	68	75	75	71	72	71	72	70	75	74	74	66	....	69.7
Marked Tree §§	Maximum	80	82	85	86	81	90	90	91	88	79	96	96	86	92	87	94	95	93	90	86	89	93	94	95	94	95	94	91	79	78	....	89.0
	Minimum	54	57	58	60	68	61	66	74	67	68	69	71	74	70	69	66	68	73	77	74	73	73	71	73	68	73	73	77	65	58	....	68.3
Marshall	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena	Maximum	77	82	81	88	88	86	89	89	90	87	93	93	93	96	96	92	92	93	92	90	83	87	92	91	95	95	97	99	93	....	....	90.3
	Minimum	63	51	54	53	66	67	69	73	72	65	69	65	72	72	76	71	70	69	73	73	69	67	71	70	72	69	69	72	76	....	....	68.2
Morrillton	Maximum	81	81	84	85	85	81	86	92	92	91	91	95	95	89	99	91	94	90	92	89	83	89	95	93	91	95	96	96	95	78	....	89.8
	Minimum	62	57	59	58	66	68	66	76	71	68	66	65	73	74	70	74	69	76	77	75	68	69	72	71	73	68	73	72	74	63	....	69.1
Mt. Home	Maximum	73	78	79	86	85	75	86	90	87	86	79	90	90	94	91	78	93	86	92	89	84	84	93	92	92	90	92	94	84	79	....	86.4
	Minimum	54	46	49	51	59	61	58	71	61	60	56	56	60	64	69	63	63	63	73	66	63	62	68	66	67	64	65	65	63	57	....	61.4
Mount Ida	Maximum	81	83	85	89	88	89	89	92	93	89	94	95	95	95	97	89	96	94	94	90	84	87	91	92	96	95	94	97	98	79	..	91.0
	Minimum	51	50	48	49	50	61	69	76	73	66	68	64	67	65	68	70	67	76	76	70	67	68	67	65	75	68	67	67	70	62	....	65.3
Nail	Maximum	71	71	75	78	77	77	77	79	81	79	79	85	85	83	84	85	86	83	80	80	88	88	86	85	86	85	84	86	86	71	....	81.3
	Minimum	53	52	53	57	60	62	60	60	56	63	63	60	62	66	65	67	67	66	65	67	67	69	....	61	61	61	76	76	64	55	....	62.6
Newport	Maximum	81	82	84	87	89	85	91	91	90	90	84	95	88	87	94	89	99	92	95	90	88	89	98	95	97	100	97	92	78	....	....	90.6
	Minimum	60	56	59	61	65	70	65	78	78	69	72	59	75	69	70	72	67	70	77	77	72	73	74	73	74	68	76	75	77	65	....	69.9
Osceola	Maximum	82	80	83	87	87	83	89	90	94	87	80	94	96	87	89	87	92	92	94	92	92	90	94	97	97	96	95	97	93	82	....	89.9
	Minimum	55	51	58	57	64	66	64	74	73	66	70	71	73	72	69	65	63	69	76	75	69	68	71	67	71	67	71	72	72	63	....	67.4
Ozark	Maximum	78	78	79	84	88	80	90	92	99	88	70	75	96	88	96	94	95	96	94	91	90	93	94	95	92	95	98	98	94	79	....	89.3
	Minimum	60	53	55	60	66	66	68	78	65	68	58	57	72	73	74	78	73	75	73	73	70	68	69	68	74	70	74	70	62	63	....	67.8
Pine Bluff	Maximum	85	82	86	91	91	91	92	96	99	91	87	101	98	90	99	94	99	99	99	88	86	94	95	97	97	99	99	100	100	81	....	93.5
	Minimum	59	59	62	60	65	67	68	72	73	67	74	70	78	76	79	73	77	75	74	73	70	74	72	67	70	74	73	74	73	63	....	70.6
Pocahontas	Maximum	75	77	80	82	85	79	87	88	89	89	85	89	93	90	90	89	92	85	90	90	86	83	91	92	93	90	94	92	90	81	....	87.2
	Minimum	55	50	55	55	63	65	62	75	74	66	70	66	70	73	60	66	64	66	76	75	70	68	72	69	69	65	72	73	72	62	....	66.6
Portland	Maximum	81	82	87	89	91	91	92	92	95	94	94	101	100	98	98	101	98	96	98	90	88	91	96	98	97	97	99	100	100	85	..	94.0
	Minimum	66	61	63	61	64	69	71	74	72	71	72	74	76	74	72	74	73	74	74	73	74	72	69	69	78	71	71	74	73	68	....	70.9
Prescott	Maximum	82	83	85	89	89	92	92	95	94	92	96	99	98	100	100	98	98	96	96	92	89	92	94	95	97	97	98	99	99	79	....	93.5
	Minimum	64	56	59	57	63	67	69	74	72	67	70	68	72	70	74	73	72	75	72	71	68	69	71	71	75	73	72	72	72	63	....	69.0
Rison	Maximum	81	81	85	87	90	89	91	93	94	90	91	97	95	95	98	96	97	96	95	88	87	98	94	93	95	96	97	98	99	78	....	92.1
	Minimum	64	58	61	59	65	68	77	74	71	66	72	69	76	73	72	76	71	75	75	71	68	69	71	71	74	69	72	73	72	62	....	69.8
Rogers	Maximum	68	76	76	85	85	77	85	85	81	86	88	87	91	87	93	81	89	89	89	88	85	82	89	88	90	90	92	93	84	76	....	85.2
	Minimum	55	47	48	53	64	61	62	70	66	62	65	62	67	67	68	65	67	76	75	66	65	65	65	71	74	65	63	72	68	65	....	64.6
Searcy	Maximum	73	75	78	80	81	80	85	88	91	85	84	91	91	87	96	91	94	93	94	90	84	85	94	95	95	95	96	97	95	83	....	88.2
	Minimum	60	53	58	55	58	60	65	73	71	65	65	60	74	70	66	71	65	65	75	75	69	65	65	66	66	66	73	70	63	....	....	65.7
Stuttgart	Maximum	82	79	80	86	87	80	88	91	95	89	82	96	94	89	95	91	95	93	93	86	82	89	91	93	96	95	96	95	94	78	....	89.3
	Minimum	61	57	57	61	64	62	67	75	73	68	73	70	76	73	77	75	71	76	74	74	74	75	73	71	73	71	75	72	73	63	....	70.1
Subiaco	Maximum	74	82	83	91	90	88	90	92	92	91	96	91	97	90	96	92	98	99	96	96	83	90	95	97	96	97	101	101	96	81	....	92.2
	Minimum	63	53	55	57	71	64	66	65	68	65	67	65	74	73	70	74	69	77	76	73	66	69	72	73	73	68	74	75	67	61	....	68.1
Texarkana	Maximum	80	81	85	88	88	91	91	94	94	94	98	105	98	100	100	98	96	95	90	90	86	92	96	92	95	96	96	100	87	....	....	93.2
	Minimum	58	58	59	57	65	70	72	76	73	69	75	70	75	70	74	74	75	74	74	74	67	69	73	72	75	74	73	73	75	69	....	70.4
Warren	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	Maximum	80	81	82	86	86	80	89	91	95	89	83	94	95	88	93	88	95	92	93	88	83	86	93	94	95	94	94	95	92	80	..	89.1
	Minimum	59	56	60	60	65	70	66	76	75	67	73	67	75	74	76	72	68	69	77	77	74	72	72	75	73	69	75	74	75	64	....	70.2

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., JULY, 1924. No. 7.

GENERAL SUMMARY.

The outstanding characteristics of the weather in Arkansas during the month of July, 1924, were the unseasonably low temperatures during the first decade and the dry weather in the southern counties. The month opened unseasonably cool and temperatures were below normal over most of the State until the 11th. A temperature of 40° was recorded at Corning on the 1st, this being the lowest July temperature on record in Arkansas' Climatological history. During the remainder of the month temperatures were generally above normal with maxima 100° or higher in most sections the 23d and 24th. There were showers in the State throughout the month, the greatest frequency being from the 11th to 25th. In southern counties amounts were light, none occurring at two stations, while in Benton County amounts were over nine inches. The weather was favorable for cotton, which made very good progress in most sections of the State, and at the close of the month was blooming and fruiting satisfactorily, the weevil infestation being light and damage negligible. Corn made very good to excellent progress in the northern half of the State, but in many southern localities the crop was badly damaged by the hot dry weather. Other crops made good progress in northern and central sections, but were badly damaged in in southern portions where the drought was severe.

A woman was killed by lightning near Little Rock, July 15th.

W. C. H.

TEMPERATURE.

The average July temperature for 55 stations in Arkansas was 79.0° which is 0.9° below normal, all stations in the northern half of the State showing negative departures, a number in the southern positive. The highest monthly mean was 83.2° at Pine Bluff; the lowest, 72.2° at Dutton. The highest temperature recorded was 110° at Pine Bluff on the 23d and 24th; the lowest, 40° at Corning on the 1st. Extremes occurred near these dates throughout the State. The greatest daily range was 44° at England on the 28th.

PRECIPITATION.

The average July precipitation for 79 stations in Arkansas was 2.35 inches which is 1.57 inches below normal, positive departures occurring in northwestern counties and at a few stations in north central counties, negative elsewhere. Monthly totals ranged from 9.46 inches at Eureka Springs to none at Princeton and Whitecliffs. The greatest amount measured in 24 consecutive hours was 3.45 inches at Eureka Springs on the 31st. The average number of rainy days was 5.

LATE REPORTS.

Magnolia: May total precipitation 4.40; number of rainy days 4. June total precipitation 3.70; number of rainy days 5

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 2d, 3; 4th, 1; 6th, 1; 7th, 1; 8th, 1; 9th, 11; 10th, 6; 11th, 15; 12th, 8; 13th, 5; 14th, 5; 15th, 17; 16th, 1; 17th, 8; 18th, 15; 19th, 6; 20th, 3; 21st, 1; 22d, 16; 23d, 8; 24th, 17; 25th, 21; 29th, 2; 30th, 5, 31st; 20.

Lunar Halos:- 13th, 1.

Solar Halos:- 14th, 2.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles	Maximum velocity.	Direction	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	30.01	30.31	1	29.80	18	3,815	18	s	12	.....	.....	67
Fort Smith...	29.97	30.22	1	29.75	18	4,728	21	nw	18	75	52	74
Little Rock	30.00	30.21	1	29.79	12	4,918	48	sw	15	78	51	73
Memphis....	30.01	30.20	3	29.80	12	4,637	31	n	24	73	61	69

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more
*Means and Extremes.	79.9		116	40	3 92		15	11	5	8
1891.....	76.5	−3.4	103	50	7.24	+3.32	13	8	10	10
1892.....	79.0	−0.9	104	50	3.58	−0.34	10	11	10	10
1893.....	80.9	+1.0	103	59	2.94	−0.98	17	11	3	6
1894.....	78.4	−1.5	108	51	3.98	+0.06	17	9	5	6
1895.....	78.9	−1.0	104	55	7.34	+3.42	12	10	9	12
1896.....	83.4	+3.5	110	52	1.61	−2.31	16	11	4	4
1897.....	82.4	+2.5	109	50	3.25	−0.67	16	11	4	5
1898.....	79.9	0.0	105	50	4.25	+0.33	12	13	6	8
1899.....	79.0	−0.9	100	52	5.14	+1.22	15	11	5	8
1900.....	79.7	−0.2	102	51	4.46	+0.54	10	15	6	9
1901.....	83.7	+3.8	116	50	2.49	−1.43	15	13	3	6
1902.....	79.4	−0.5	105	50	4.49	+0.57	14	12	5	6
1903	79.6	−0.3	105	53	3.86	−0.06	13	12	6	9
1904.....	77.9	−2.0	104	49	4.43	+0.51	13	13	5	10
1905.....	76.7	−3.2	106	51	7.60	+3.68	10	13	8	13
1906.....	76.7	−3.2	99	48	5.96	+2.04	13	9	9	10
1907	81.4	+1.5	108	53	1.96	−1.96	21	8	2	4
1908.....	79.2	−0.7	103	48	3.00	−0.92	15	12	4	8
1909.....	81.9	+2.0	106	50	2.51	−1.41	19	9	3	5
1910.....	79.4	−0.5	105	41	5.46	+1.54	15	12	4	10
1911.....	78.4	−1.5	106	43	4.83	+0.91	9	11	8	11
1912.....	81.3	+1.4	104	56	2.82	−1.10	15	13	3	6
1913.....	81.5	+1.6	104	55	4.31	+0.39	13	14	4	8
1914.....	82.6	+2.7	110	54	2.69	−1.23	11	15	5	7
1915.....	77.1	−2.8	107	43	2.40	−1.52	20	7	4	5
1916.....	82.8	+2.9	106	55	2.09	−1.83	19	9	3	6
1917.....	79.6	−0.3	106	50	5.10	+1.18	15	9	7	8
1918.....	79.6	−0.3	111	49	1.53	−2.39	19	7	5	4
1919.....	81.2	+1.3	104	54	1.91	−2.01	19	8	4	5
1920.....	79.8	−0.1	105	52	4.22	+0.30	15	10	6	7
1921.....	82.0	+2.1	107	54	2.42	−1.50	19	8	4	6
1922.....	80.2	+0.3	106	48	4 12	+0.20	14	11	6	7
1923.....	74.9	−5.0	105	48	3 53	−0.39	16	9	6	6
1924	79.0	−0.9	110	40	2.35	−1.57	18	8	5	5

*Based on 30 years record.

Climatological Data for July, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	82.5°	+ 2.4	108[n]	23	54[p]	7	41[p]	2.00	−1.96	2.00	0	1	6[m]	12[m]	0[m]	s.	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	3.61	−0.14	3.05	0	3	9	6	16	s.	F J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	0.32	−3.54	0.10	0	7	19	5	7	w.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.15	.....	2.20	0	7	11[b]	18[b]	0[b]	.....	J. DReeves.
Batesville	Independence	277	25	77.2	− 2.6	97	16†	50	4	35	3.88	+0.61	1.95	0	8	16	5	9	nw.	Mrs. Lelia 1. Teter.
Bee Branch	Van Buren	250	32	77.9	− 2.1	102	22	49	3	40	1.78	−1.93	0.60	0	9	11	15	5	s.	J. E. Scanlan.
Bentonville	Benton	1303	19	74.6	− 3.9	94	23	49	3	28	6.94	+2.63	3.00	0	11	19	5	7	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.00	−0.89	0.97	0	10	21	3	7	.....	Vernon C. Howe.
Booneville	Logan	465	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Supt. Tuberculosis San
Brinkley	Monroe	205	37	80.8	0.0	106	24	53	22	38	1.61	−2.48	0.81	0	5	20	10	1	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	75.8	− 3.7	100	24	48	4	36	2.88	−0.56	1.00	0	12	11	16	4	sw.	W. J. Copp.
Camden	Ouachita	158	39	79.0	− 2.0	103	24	53	4	41	1.06	−2.85	0.85	0	3	21	5	5	s.	A. B Quarterman.
Center Point	Howard	470	25	83.0	+ 1.2	108	23†	57	2†	33	0.54	−3.56	0.30	0	4	17	10	4	sw.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	1.08	−2.26	0.45	0	4	13	5	13	sw.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	3.37	.....	2.48	0	4	13	18	0	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	79.0	− 2.6	101	22†	52	4	32	5.08	+1.76	2.87	0	5	23	8	0	s.	E. E. Cordrey.
Corning	Clay	293	31	76.0	− 2 9	104	24	40	1	39	2.93	−0.54	0.77	0	8	22	8	1	sw.	Winfred D. Folk.
Dam No. 1	White	190	2	.....	.....	.....	.....	.....	.....	.....	1.42	.....	0.77	0	3	27	0	4	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	3.06	−0.08	1.15	0	5	23	0	8	s.	C. P. Evans.
Dardanelle	Yell	330	38	81.6	+ 0.2	102	22†	55	3	36	0.61	−2.92	0.40	0	3	18	1	12	w.	J. D. Riley.
Dumas	Desha	162	18	79.9	− 1.8	102	23†	54	4	37	2.22	−1.20	1.25	0	5	14	17	0	n.	Ben Johnson.
Dutton	Madison	1590	21	72.2	− 3.3	96	24	41	2†	38	3.81	−0.43	1.34	0	8	18	11	2	s.	J. M. Ricketts.
El Dorado	Union	270	23	82.4	+ 0.9	105	24	55	2	37	0.28	−2.99	0.20	0	2	12	17	2	ne.	J. J. Babb.
Eugland	Lonoke	229	17	82.2[a]	+ 0.9	106[a]	28	52[a]	2	44[a]	1.12	−1.29	0.76	0	3	20[a]	5[a]	5[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	74.4	− 3.6	94	15†	45	5	30	9.46	+5.51	3.45	0	7	20	9	2	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	76.6	.....	98	22	51	4	35	2.89	.....	0.96	0	5	12	13	6	.....	C. C. Price.
Fayetteville	Washington	1451	37	74.9	− 3.1	93	15	48	2†	33	5.55	+1.33	2.50	0	4	15	5	11	sw	University of Arkansas.
Fort Smith	Sebastian	481	42	81.0	− 0.5	101	24	57	2	27	1.38	−2.46	0.61	0	6	11	12	8	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	0.15	−3.26	0.15	0	1	18	8	5	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	2.04	−0.60	1.04	0	4	14	8	9	e.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	3.19	.....	1.22	0	8	12	10	9	n.	Ben F. Battenfield.
Grannis	Polk	900	6	77.4	.....	102	24	51	4	35	2.72	.....	2.26	0	4	26	4	1	s.	W. E. Mc Vay.
Gravette	Benton	1250	27	73.8	− 3.4	94	24	44	3	34	9.10	+4.91	2.67	0	10	13	7	11	sw.	A. F. Stevens.
Harrison	Boone	1052	25	73.7	.....	98	17	42	4	36	3.34	−0.98	1.10	0	9	14	11	6	se.	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	2.65	+0.10	1.13	0	7	27	1	3	sw.	Claude Jones.
Helena	Phillips	193	52	.....	.....	.....	.....	.....	.....	.....	0.39	−3.41	0.12	0	7	20	2	9	n.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	0.74	.....	0.32	0	4	11	19	1	sw.	J. A. Ingram.
Hope	Hempstead	377	53	82.2	+ 1.6	107	23†	54	2†	42	0.18	−4.34	0.15	0	2	21	9	1	s.	N. P. O' Neal.
Hot Springs	Garland	600	33	78.8	− 2.6	104	23	53	2†	35	2.18	−2.05	1.56	0	6	18	10	3	.....	P. P. Patraw.
Huttig	Union	175	17	82.7	+ 0.1	107	24	55	1†	38	1.05	−2.87	0.80	0	2	25	4	2	nw.	J. L. Collett.
Jonesboro	Craighead	345	29	78.6	− 1.3	102	24	53	2	33	1.97	−1.59	0.72	0	11	23	5	3	ne.	Benedictine Sisters.
Junction	Union	182	30	83.0	+ 1.1	108	24	52	2†	41	0.47	−3.60	0.47	0	1	28	2	1	sw.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	3.32	.....	3.60	0	4	17	14	0	.....	G. A. Newton.
Little Rock	Pulaski	399	45	79.9	− 1.0	100	23	58	22	27	1.25	−2.74	0.50	0	6	16	9	6	s.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	27	78.6[c]	− 0.8	98	22†	54	3	26	3.02	−0.48	0.70	0	8	19	7	5	ne.	H. Kauffeld.
Magnolia	Columbia	315	6	81.9[m]	.....	104[m]	23	53[m]	8	42[m]	0.60	...	0.60	0	1	16[m]	1[m]	1[m]	.....	State Agri. School.
Malvern	Hot Springs	277	37	79.8	− 1.2	107	23	53	2	41	1.01	−2.44	0.72	0	4	24	7	0	ne	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	74.0	− 4.0	94	19	49	4	30	3.28	−0.29	1.30	0	12	21	4	6	s.	F. M. Daniel.
Marianna	Lee	235	16	80.2	0.0	103	24	54	4	31	1.95	−1.75	0.71	0	7	19	9	3	sw.	C. N. Houck.
Marked Tree	Poinsett	229	19	79.6	.....	102	23	52	1	35	0.43	−2.97	0.18	0	4	18	12	1	sw.	Charles Walton.
Marshall	Searcy	1070	10	75.8	.....	96	24	47	2†	35	4.98	+1.7	2.20	0	8	.....	.....	.....	.....	A. J. Park.
Mena	Polk	1185	38	80.0	+ 0.2	106[b]	23†	52[a]	2	36[b]	2.15	−1.87	1.30	0	6	17	4	10	w.	E. W. St. John.
Morrillton	Conway	347	3	80.4	.....	105	23	56	2†	36	3.11	.....	1.25	0	5	24[a]	4[a]	2[a]	w.	W. E. Arnold.
Mountain Home	Baxter	800	11	73.9	.....	98	24	47	2†	35	3.04	−1 38	1 30	0	6	20	3	8	w.	B. S. Halbert.
Mountain View	Stone	.....	1	.....	.....	.....	.....	.....	.....	.....	3.45	.....	2 61	0	6	14	7	10	w.	B. S. Halbert.
Mount Ida	Montgomery	730	25	77.4	.....	105	23	47	2	40	2.49	−1.03	1.33	0	3	17	8	6	se.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	1.46	−1.15	1.09	0	4	22	3	4	.....	Henry A. Davis.
Nail	Newton	2233	28	75.4	− 0.1	92	22	50	3	26	4.50	−0.42	1.40	0	6	16	7	8	s	Charles Paxton.
Newport	Jackson	231	40	79.0	− 2.0	100	16†	56	2	38	1.81	−1.35	0.80	0	4	16	11	4	.....	W. T. Parish, Jr.
Osceola	Mississippi	240	26	79.4	− 0.7	103	22†	50	2	34	1.30	−2.26	0.70	0	4	25	4	2	s.	W. W. Prewitt.
Ozark	Franklin	450	28	80.6[a]	− 1.2	103[a]	24	52[a]	2	30[a]	1.89	−1.46	0.92	0	5	15[a]	9[a]	6[a]	se.	Isham Burrow.
Ozark Beach Mo	Taney	650	1	.....	.....	.....	...	.....	.....	.....	6.11	..	1.25	0	9	.....	.....	.....	.....	S. E. Guard.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	0.96	−2.26	0.75	0	2	25	0	6	n.	W. E. Baker.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	5.16	.....	1.25	0	11	12	10	9	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	83.2	− 1.0	110	23†	56	2	38	1.44	−2.08	1.25	0	3	25	0	6	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	77.2	− 4.5	98	24	52	2	32	3.42	−1.10	1.40	0	8	13	15	3	n.	Benedicitine Sisters.
Portland	Ashley	122	18	82.4	+ 0.9	107	24	56	2†	39	0.42	−4.08	0.27	0	3	18	12	1	s.	W. E. Edmiston.
Prescott	Nevada	329	36	81.1	− 0.6	104	24	54	4	39	0.86	−2.26	0.45	0	4	24	5	2	s.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	0.00	−4.39	0.00	0	0	29	1	1	se.	Foote Coleman.
Rison	Cleveland	243	23	82.2[a]	+ 1.4	109[a]	24	54[a]	3	37[a]	1.17	−2.13	0.85	0	4	7[a]	17[a]	6[a]	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	74.1	− 2.9	95	24	47	3	32	9.15	+5.04	3.30	0	7	14	11	6	s.	Carl A. Starck.
Searcy	White	236	11	79.2	− 1.5	103	22	51	2	38	1.80	−0.69	0.50	0	6	17	13	1	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	0.10	−3.48	0.05	0	2	26	2	3	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	80.9	+ 0.2	104	24	54	2	32	0.70	−3.18	0.47	0	5	19	12	0	sw.	H. A. Buerkle.
Subiaco	Logan	1050	27	80.8	− 0.5	105	22	53	2	35	2 12	−1.26	0.82	0	9	18	12	1	s.	New Subiaco Abbey
Texarkana	Miller	332	39	82.8	+ 0.5	107	24	56	4†	40	0.65	−2.77	0.43	0	2	19	9	3	s.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	...	.....	...	.....	1.70	.....	0.78	0	4	11	11	9	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	82.8[a]	+ 1.0	104[a]	24	56[a]	2†	33[a]	2.10	−1.33	1.80	0	2	1[a]	29[a]	0[a]	w.	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	0.00	−2.14	0.00	0	0	24	6	1	sw.	Nannie O. Schirmer
Wynne	Cross	250	18	82.5	− 1.5	103	24	52	2†	34	0.61	−3.17	0.83	0	3	21	5	5	n.	E. O. Allen.
State Means and Extremes				79.0	− 0.9	110	23†	40	1	44	2.35	−1.57	3.45	0	5	18	8	5	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for July, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																																
Arkadelphia ‖	Ouachita	.05									3.05	.51																			2.00	2.00
Arkansas City ‖	Mississippi	.02									T.	.02	.10		.04	.02	T.	T.														3.61
Arlberg	White									.15		.20			.10	.15			2.20				.10			T.	.02				.10		0.32
Batesville ‖	White			.08							.41		.04	.22			T.		1.95	.20				.56		.25							3.15
Bee Branch	Arkansas										.04	T.	.04		.15	.14	.40		.11				.10			.42							3.88
Bentonville ***	Arkansas							T.	.02			.76	2.24			.07		.60	1.39	T.	.21					.60						.20	1.78
Black Rock ‖	White			.11							.36		.03	.62	.17	.12		T.	.02	.29			.36		.42					T.	.02	.85	6.94
Brinkley ‖	White										.81		T.	.17	.08	.21	T.							.31		.97					T.	T.	3.00
Calico Rock ‖	White											.05	.85													.09					.02	T.	2.88
Camden ‖	Ouachita	.16		.07			T.			T.	.06		.08	.02	.04	1.00	.05		.92	.25				.28		.34							1.61
Center Point	Red											.05	.85													.09							1.06
Clarendon ‖	White			T.							.14	T.				.30										.08							0.54
Clinton	White		T.								.45															.27					T.	.02	1.08
Conway	Arkansas									T.		T.	2.48	T.	T.	.23		T.								.45				.21	T.		3.37
Corning	White			.11								1.42	2.87			.21			.26							.32							5.08
Dam No. 1	White												.75		.30		.14		.11					.77	.60	.15							2.93
Danville ‖	Arkansas									.60			.05																				1.42
Dardanelle	Arkansas									.50		1.00	.08				1.15								.77								3.06
Dumas	Arkansas	.25											.40			.12										.33							0.61
Dutton	White					T.				.25	.45			.02	1.25					T.				.09									2.22
El Dorado ‖	Ouachita	.08									.10	.52			.42	T.			1.34		.04						.25						3.81
England	Arkansas										.20															.45						.69	0.28
Eureka Springs	White										.74				.36																		1.12
Evening Shade	White												2.19						2.80	.32	.13		.15			.02							9.46
Fayetteville	White								T.						.15				.96	.15			.98			.42						3.45	2.89
Fort Smith ***	Arkansas		T.		T.				T.			2.50							2.40		.45		T.			T.				.65			5.55
Fulton ‖	Red										.15	.09	.19			.08		.01	.40		T.					.61					T.	.20	1.38
Georgetown ‖	White										.40	T.		.45			T.		.15												T.		0.15
Gilbert	White		.05	T.	T.	T.			T.	T.		1.00	.05		.33	.08			1.22				T.		.32	1.04				T.	T.	.14	2.04
Grannis	Red										.01	.38				2.26																	3.19
Gravette	Arkansas									.02		1.22	2.53			.16			2.67		.39		.24			.42				T.	T.	.07	2.72
Harrison	White					.07				.04			.54	.02	.05	.27			1.10												.15	1.30	9.10
Heber Springs	White		.15								.15	T.							.90							1.10						.15	3.34
Helena	Mississippi			T.						.05			.21	.15									.06		1.13								2.65
Higden	White		.02								.06		.12		.10	.04		.04		.02													0.39
Hope	Red								T.				.20			T.										.01							0.74
Hot Springs	Ouachita										.15	.03											.20		.32								0.18
Huttig	Ouachita								T.	T.	.05		.47		T.	.02																	2.18
Jonesboro	White									.80	.25														.05	1.56						.03	1.05
Junction	Ouachita				.09	.03				.11			.72	.02	T.			.01	.52	T.			.01	.05	.17								1.97
Lambrook ‖	White									.47																					.24	0.47
Little Rock ***	Arkansas							.10	.15									.07															3.32
Lutherville	Arkansas		.26							.21	T.	T.	.39	.01	.50									3.00									1.25
Magnolia	Red										.70	.10		.05	.55			.48													T.		3.02
Malvern	Ouachita	.04							.22			.60												.10	.04	.66							0.60
Mammoth Spring	White			.10	.01					.20			.05																				1.01
Marianna	Mississippi					.32				.10			.36	.02	.20	.53			.15							.72							3.28
Marked Tree ‖	Mississippi						.11				.11		.71										.36		1.30					.07	.08		1.95
Marshall	White										.18							.03							.26				.25	.01	.29		0.43
Mena ‖	Ouachita					.56					.40		.72		.13	T.			2.20	.65			.63			.11							4.98
Morrilton	Arkansas										.14	T.					.01									.20						.05	2.15
Mountain Home	White		.12								.98	T.	1.25		.27				.38							1.30	.03					.11	3.11
Mount Ida	Ouachita												.40		1.00				1.30							.23							3.04
Mt. View	White		.06	T.						1.33	.09															.18					.04		2.49
Murfreesboro. ‖	Ouachita			.07						.11		.08			.03				2.61				.56			1.07							3.45
Nail	White										.23	1.09																					1.46
Newport ‖	White		T.							.85		T.	.60			.50			.65			.07		.50									4.50
Osceola ‖	Mississippi										.25		.14	.62					T.	T.			T.	.80							1.40		1.81
Ozark	Arkansas									.18				.12	.30																	T.		1.30
Ozark Beach, Mo.	White									.04		.79	.08												.70								1.89
Patterson ‖	White								.03	.21			1.17	.50	.96				1.25							.92					T.	.06	6.11
Pindall	White									.75			.15										.42	.51							1.06		0.90
Pine Bluff ‖	Arkansas		.34						.01	.12		.92	.25			.57			1.14														5.16
Pocahontas	White										.15										.06			1.25		.04					.02	.48	1.44
Portland ‖	Ouachita			.05		.20						.67		.25		.30			.35													T.		3.42
Prescott	Ouachita	.18									.08					.07										1.40							0.42
Princeton ‖	Ouachita										.45	.15				.08										.27							0.86
Rison ‖	Ouachita																																0.00
Rogers	Arkansas								.85						.02		.15									.15							1.17
Searcy	White			T.								3.30			.32				2.07		.32		.16			.99				T.	1.99	9.15
Snow Lake	Mississippi									.50	.10	T.	.20						.25					.50		.25							1.80
Springbank ‖	Red																																
Stuttgart	Arkansas										.05	.05																					
Subiaco	Arkansas		.02		.04					.47	.05					.15															T.		0 10
Texarkana ‖	Red	.22									.13	.03		.18	.02			T.					.80			.02	.01						0.70
Waldron	Arkansas				T.						.43															.82						.08	2.12
Warren	Ouachita									.13	.57	T.																					0.65
Whitecliffs	Red									1.80																.78					T.	.22	1.70
Wynne ‖	Mississippi			T.			.15				.13															.30							2.10
																																	0.00
																									.33					T.		0.61

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‖ measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for July, 1924.

Stations	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.2	7.5	7.0	6.3	6.0	5.8	5.8	5.6	5.3	5.0	5.0	5.1	5.0	4.8	6.5	11.0	10.6	11.5	11.8	11.8	10.7	11.7	10.5	9.8	9.8	9.2	9.0	8.5	7.8	7.2	7.0
Dardanelle	do	20	5.3	5.6	5.2	4.5	4.2	3.9	3.5	3.3	3.2	3.1	3.0	3.9	3.0	2.4	2.7	2.5	6.4	7.9	8.3	8.6	8.6	7.8	8.4	8.3	6.8	6.5	6.3	6.0	5.8	5.0	4.6
Little Rock	do	23	4.0	3.9	3.8	3.5	3.5	2.3	2.0	1.8	1.5	1.3	1.1	1.0	1.0	0.9	0.9	0.5	0.5	1.4	5.8	6.2	6.7	6.9	6.5	6.3	6.8	5.5	4.7	4.4	4.1	4.0	3.4
Pine Bluff	do	25	9.3	8.5	7.8	7.7	7.7	7.1	6.8	6.6	6.3	6.1	5.9	5.8	5.7	5.6	5.5	5.5	5.4	6 5	9.9	10 2	10.9	11.0	10.4	10.4	10.6	10.7	9.6	9.0	8.7	8.5	8.0
Black Rock	Black	14	8.6	8.0	7.6	6.6	6.2	6.0	5.8	5.0	4.8	4.5	4.4	4.4	4.7	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.1	4.1	4.6	4.8	5.1	6.6	5.8	4.5	4.5	4.4	4.3
Calico Rock	White	18	4.2	3.8	3.5	2.7	2.4	2.5	2.4	2.0	1.6	1.7	1.7	1.6	1.7	1.8	5.4	5.6	4.4	4.1	5.0	8.0	6.7	5.4	4.7	5.4	4.7	4.8	3.9	3.4	2.8	2.5	2.4
Batesville	do	23	10.1	9.7	9.4	8.9	8.3	7.8	7.8	7.6	7.2	6.9	6.9	6.7	6.7	7.0	7.5	10.2	10.8	10.0	10.1	11.2	13.7	11.9	11.0	10.4	11.0	11.0	10.0	9.2	8.7	8.1	7.8
Newport	do	26	12.0	10.9	9.8	8.8	7.8	6.8	6.2	6.0	5.5	5.0	4.6	4.3	4.3	4.5	5.0	5.5	7.0	7.7	7.2	7.5	8.7	10.6	9.4	8.9	9.0	8.8	8.9	8.0	7.2	5.9	5.0
Georgetown	do	22	18.2	17.6	16.8	15.8	14.8	13.4	12.0	11.0	10.0	9.0	8.2	7.4	6.8	6.4	6.0	5.8	6.0	7.8	9.0	9.4	9.2	10.2	11.4	11.8	11.6	11.0	10.8	10.8	10.6	9.8	9.0
Clarendon	do	30	25.6	25.3	25.0	24.6	24.2	23.7	23.2	22.6	21.8	20.9	20.0	19.0	17.9	17.0	16.2	15.6	15.0	14.7	14.9	15.3	15.6	15.8	16.2	16.8	17.3	17.5	17.5	17.5	17.5	17.4	17.1
Helena	Mississippi	42	31.8	31.2	31.1	31.3	31.7	32.3	32.7	33.0	33.2	33.1	32.7	32.0	30.6	29.1	27.5	25.8	24.5	23.8	23.4	23.3	23.7	24.4	25.2	25.7	25.8	25.6	25.3	24.8	24.0	23.1	21.9
Arkansas City	do	48	39.4	38.7	38.0	37.5	37.1	37.0	37.0	37.1	37.2	37.3	37.3	37.2	37.0	36.6	35.8	34.7	33.4	32.0	30.5	29.7	29.1	29.9	29.0	29.4	30.0	30.4	30.7	30.7	30.6	30 2	29.5
Camden	Ouachita	49	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.4	3.3	3.2	3.1
Danville	Petit Jean	20	2.5	2.5	2.2	2.0	2 0	1.9	1.8	1.8	1.7	1.7	1.6	1.7	1.5	1.5	1.7	2.7	2.3	2.0	1.8	1.6	1.6	1.5	1.5	1.5	2.8	2.3	2.0	1.8	1.8	1.7	1.7
Fulton	Red	28	8.5	8.2	8.1	8.1	8.0	8.2	8.6	8.6	8.4	8.1	8.1	7.9	7.8	7.7	7.6	7.5	7.8	7.7	7.6	7.5	7.5	7.3	7.2	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.7
Arkadelphia	Ouachita	18	0.6	0.9	1.0	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.2	1.0	0.9	0.8	0.6	0.6	0.6	0 6	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1
Patterson	Cache	9	5.6	5.5	5.4	5.3	6.0	6.6	7.0	7.0	7.0	6.7	6.4	5.8	5.2	4.8	4.6	4.4	4.2	4.1	4.0	3.9	3.9	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1

Daily Temperatures for July, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	....	....	....	....	....	....	92	95	....	....	....	....	....	....	....	103	102	99	96	98	99	....	108	105	86	96	98	101	99	94	98	98.2
	Minimum	....	....	....	....	....	....	54	60	....	....	....	....	....	....	....	....	70	71	77	70	66	....	....	79	70	69	58	60	66	71	70	66.8
Batesville§§	Maximum	80	80	78	79	84	84	87	90	89	88	91	86	95	90	91	97	94	95	93	91	93	96	94	97	85	83	90	94	96	89	87	89.2
	Minimum	53	56	56	50	51	51	53	55	64	67	59	68	68	74	68	70	73	70	71	72	69	70	69	72	71	61	61	62	64	70	73	64.2
Bee Branch	Maximum	77	81	79	78	82	85	92	94	94	92	95	88	98	95	94	98	99	95	97	95	97	102	99	101	100	98	99	98	100	92	94	93.2
	Minimum	52	50	49	50	52	51	53	58	63	67	63	68	65	69	65	67	70	69	67	70	65	67	66	69	67	60	59	61	63	73	71	62.6
Bentonville	Maximum	72	75	74	74	74	80	83	87	84	86	88	87	93	84	89	94	87	81	89	86	89	89	94	94	80	83	87	91	88	87	84	84.9
	Minimum	53	49	49	52	52	53	55	66	65	58	66	69	69	70	66	73	71	70	70	70	70	74	72	72	63	59	60	65	71	72	69	64.3
Brinkley	Maximum	78	81	79	79	82	85	89	94	93	89	94	92	98	93	96	99	99	97	98	99	98	103	105	106	93	92	94	101	99	92	99	93.4
	Minimum	59	53	57	54	59	55	56	60	68	70	67	74	74	76	73	74	78	75	75	75	73	73	78	74	73	66	62	63	66	77	77	68.2
Calico Rock§§	Maximum	77	79	77	79	82	83	87	90	86	90	92	88	97	86	92	97	90	84	95	90	93	98	95	100	84	89	91	94	95	92	87	89.0
	Minimum	51	50	52	48	49	50	54	57	64	66	56	64	68	69	67	68	70	70	70	73	68	71	71	71	70	58	61	61	61	69	72	62.7
Camden§§	Maximum	80	81	81	79	83	85	88	92	93	89	81	92	95	92	97	97	97	95	95	97	97	100	102	103	91	91	94	100	97	95	96	92.9
	Minimum	59	55	56	53	55	54	54	58	63	72	73	73	75	73	73	71	73	75	76	74	69	67	63	65	71	59	59	59	69	72	74	65.1
Center Point	Maximum	82	84	84	78	87	88	89	94	101	90	90	97	97	97	101	103	101	98	99	99	99	99	106	108	108	94	95	101	102	100	91	98	95.5
	Minimum	60	57	57	59	61	62	63	70	71	73	74	74	75	74	73	71	75	77	75	74	72	75	75	77	71	66	69	72	75	76	78	70.4
Conway	Maximum	79	81	80	80	83	86	88	92	92	89	93	89	96	90	95	99	96	92	97	94	95	101	101	101	88	90	91	95	97	90	94	91.4
	Minimum	58	54	55	52	55	54	56	61	66	71	74	71	71	74	71	71	74	73	72	73	70	70	73	72	72	62	62	63	66	77	76	66.7
Corning	Maximum	79	80	79	81	83	86	89	90	83	90	94	89	93	87	89	91	93	86	96	94	93	96	94	104	84	93	91	96	97	84	97	89.7
	Minimum	40	49	48	48	53	51	53	53	67	60	69	70	67	65	66	66	71	67	67	68	71	67	62	60	68	57	71	68	63	65	72	62.4
Dardanelle	Maximum	92	90	86	89	89	91	92	93	94	96	94	92	93	94	97	96	94	94	98	97	97	102	102	101	102	96	96	97	94	101	102	95.2
	Minimum	62	66	55	60	62	63	62	64	68	74	70	69	70	72	72	60	70	69	75	73	72	74	73	72	70	65	64	66	68	72	75	68.0
Dumas	Maximum	78	82	80	80	82	85	90	95	96	88	90	94	95	94	99	98	95	96	95	96	97	97	97	102	102	102	95	90	85	95	92	94	92.3
	Minimum	58	55	58	54	59	67	56	58	65	72	72	72	75	74	70	70	74	74	75	76	73	75	69	67	72	71	59	60	63	70	74	67.3
Dutton	Maximum	74	78	76	76	79	80	83	85	88	88	87	83	93	86	91	94	87	86	88	86	89	93	95	96	83	85	87	92	90	86	84	86.1
	Minimum	45	41	41	41	42	43	45	54	62	56	57	68	62	68	61	65	67	66	65	69	63	67	65	65	64	51	52	57	60	69	69	58.2
El Dorado	Maximum	82	83	83	88	86	88	89	94	95	92	88	95	98	97	95	100	101	100	98	100	100	104	104	105	102	95	97	102	100	97	100	95.6
	Minimum	59	55	58	57	57	57	59	62	68	73	72	75	77	75	75	75	77	77	77	78	73	72	71	70	75	64	63	65	71	79	77	69.1
England	Maximum	80	82	81	81	85	87	91	94	93	91	93	93	97	94	98	98	98	96	....	98	97	101	104	103	88	92	97	106	97	95	96	93.5
	Minimum	56	52	54	54	60	54	55	57	68	72	68	73	73	74	72	71	74	74	....	75	72	63	70	72	70	78	60	62	70	78	75	66.9
Eureka Springs	Maximum	75	77	76	78	80	81	84	85	84	88	87	85	94	86	90	93	88	84	88	86	90	90	94	94	84	85	87	91	85	86	79	85.6
	Minimum	51	50	49	51	45	51	55	63	68	58	63	66	67	69	63	72	73	66	70	70	73	70	70	70	64	58	61	64	70	74	68	63.8
Evening Shade	Maximum	77	79	78	79	81	83	86	92	88	89	90	88	95	88	91	96	94	87	95	92	93	98	95	98	85	88	89	92	94	90	89	89.0
	Minimum	53	52	53	51	53	53	55	57	66	63	58	72	68	71	66	70	74	71	71	71	70	71	70	71	71	60	60	61	64	74	74	64.3
Fayetteville	Maximum	73	76	75	76	79	81	82	85	86	88	89	86	90	90	93	92	90	86	85	85	87	88	93	93	81	85	85	90	88	89	86	85.6
	Minimum	52	48	48	49	49	50	53	61	63	61	60	65	68	73	77	75	75	66	75	76	75	75	77	63	72	70	63	63	64	68	75	64.2
Fort Smith	Maximum	76	79	79	79	82	85	88	90	91	89	92	91	99	92	97	100	97	95	95	98	95	98	101	85	87	93	98	97	91	89	91	91.1
	Minimum	60	57	57	61	58	60	62	68	74	72	73	74	75	78	75	73	77	73	78	75	75	80	78	77	71	66	68	71	74	79	78	70.9
Grannis	Maximum	78	79	79	75	80	83	83	88	94	87	94	91	95	91	95	95	94	93	91	92	94	98	100	102	89	91	94	97	97	94	90	90.4
	Minimum	56	52	54	51	58	52	54	62	61	71	69	69	69	68	67	67	68	71	71	71	68	69	68	70	68	59	60	62	62	69	72	64.3
Gravette	Maximum	73	76	74	76	78	81	84	86	83	87	88	88	92	90	88	93	87	81	88	86	89	88	92	92	83	86	90	86	86	86	86	85.5
	Minimum	48	46	44	50	47	49	52	60	69	53	64	68	69	70	64	72	70	68	68	69	72	72	68	69	62	55	58	64	67	70	70	62.2
Harrison	Maximum	77	76	74	75	72	79	84	81	84	86	87	86	90	85	89	95	98	85	91	88	92	93	95	96	89	86	88	92	91	97	85	86.6
	Minimum	48	47	48	42	48	48	51	59	63	51	57	68	69	70	63	68	62	67	69	73	71	70	70	71	67	57	52	61	65	65	64	69.8
Hope	Maximum	82	83	83	77	85	89	92	98	100	92	96	97	104	100	105	104	103	101	99	102	102	105	107	107	94	95	100	105	106	98	99	97.1
	Minimum	59	54	57	54	55	54	55	62	67	73	74	76	76	75	75	70	71	74	73	73	72	73	65	72	74	60	61	64	70	75	76	67.4
Hot Springs	Maximum	82	84	86	75	82	83	87	91	93	87	86	93	93	91	97	98	98	95	94	95	96	97	100	104	103	86	88	91	96	95	92	91	91.2
	Minimum	59	53	54	53	54	54	55	61	68	73	70	71	72	71	73	69	73	74	74	72	72	72	69	72	69	61	61	63	68	70	74	66.3
Huttig	Maximum	79	82	84	84	84	87	92	97	10	96	94	97	101	101	101	105	105	105	104	104	104	106	106	106	104	102	104	106	107	108	95	97	97.7
	Minimum	55	57	58	56	61	55	57	60	64	78	74	74	72	71	74	72	74	74	76	73	74	76	73	72	76	65	66	69	71	68	70	72	68.4
Jonesboro	Maximum	77	80	79	79	81	84	89	92	86	87	95	84	93	90	90	97	92	85	96	96	96	99	95	95	98	101	85	87	93	98	97	91	89.6
	Minimum	57	58	56	54	58	57	59	59	69	67	63	74	71	72	71	74	78	76	71	74	74	77	63	72	70	63	63	64	68	75	76	69.6
Junction	Maximum	82	82	84	83	85	89	93	95	97	98	99	98	100	101	105	102	103	104	102	102	104	106	107	108	95	97	99	101	104	102	103	97.7
	Minimum	58	52	51	52	57	63	67	71	72	73	73	73	74	73	74	75	73	74	76	73	72	76	65	66	69	71	68	70	72	70	73	72	68.4
Little Rock	Maximum	76	78	77	77	80	81	87	91	96	88	90	89	92	90	94	96	91	94	92	93	94	98	100	100	85	87	92	96	94	90	93	89.6
	Minimum	63	58	59	60	60	60	62	66	71	74	72	74	75	76	70	72	76	76	73	73	76	78	73	74	73	72	67	69	71	72	76	70.2
Lutherville	Maximum	74	75	77	75	79	80	85	88	89	89	89	84	94	88	92	95	94	92	92	94	95	98	98	98	89	87	90	95	95	88	89	88.5
	Minimum	58	59	54	56	57	57	61	65	71	70	69	70	72	73	71	69	76	72	74	76	71	75	71	75	70	63	62	77	72	70	74	68.6
Malvern	Maximum	78	84	82	86	86	87	89	93	95	90	91	92	97	95	100	98	98	98	97	98	98	102	107	105	89	91	95	99	98	95	98	93.8
	Minimum	58	53	55	54	54	54	55	60	64	73	70	72	72	72	73	69	73	74	72	74	68	68	71	71	71	61	60	62	66	73	76	65.8
Mammoth Spg. §§	Maximum	75	71	71	71	79	80	84	87	80	86	88	87	91	85	85	91	88	73	73	94	89	93	93	91	85	85	87	89	92	86	89	85.1
	Minimum	52	52	52	49	52	53	54	60	66	60	58	67	68	68	66	68	73	67	66	66	69	71	68	69	68	58	60	62	63	69	71	62.9
Marianna	Maximum	76	80	79	80	84	86	88	91	92	89	95	91	95	91	95	96	96	95	96	97	98	101	102	103	96	97	98	102	87	90	95	92.1
	Minimum	62	55	60	54	55	55	58	63	66	71	70	74	76	73	73	75	75	72	75	72	73	72	74	75	71	64	65	69	72	73	75	68.4
Marked Tree §§	Maximum	80	80	80	82	83	86	93	90	89	95	90	92	93	93	92	96	97	98	97	97	97	101	98	102	87	90	95	98	94	95	96	94.2
	Minimum	52	58	54	54	56	57	58	66	71	68	73	71	74	70	71	76	74	72	72	73	74	73	72	74	72	71	61	61	64	68	70	67.0
Marshall	Maximum	79	77	76	76	81	82	86	89	90	86	89	84	92	88	89	95	94	88	91	92	88	91	93	95	92	85	85	92	92	87	85	88.7
	Minimum	51	47	47	47	48	49	51	62	75	62	61	70	68	79	76	76	72	78	71	73	73	76	82	94	95	94	85	85	92	92	87	85.9
Mena	Maximum	76	79	77	78	....	....	85	91	95	92	89	91	99	94	96	101	98	99	97	97	99	104	106	106	91	88	94	97	97	93	88	93.0
	Minimum	57	52	54	60	52	....	53	63	71	71	71	73	76	72	70	76	75	73	73	75	70	73	69	60	61	63	68	76	70	67	67	67.1
Merrillton	Maximum	86	84	82	86	87	85	90	92	93	90	95	89	97	91	98	100	100	97	96	97	91	97	101	105	104	90	90	92	99	100	93	97	93.1
	Minimum	66	56	56	57	57	56	57	62	68	72	69	72	72	73	72	78	75	74	74	73	72	74	74	73	73	65	62	63	66	69	75	67.7
Mt. Home	Maximum	79	77	76	78	79	81	86	90	85	87	91	88	95	85	89	95	93	89	89	91	91	92	95	96	98	84	88	89	93	93	88	92	87.5
	Minimum	50	47	48	47	49	49	51	58	64	55	56	65	64	65	64	67	70	67	70	69	65	65	68	68	65	54	56	59	61	71	65	60.3
Mount Ida	Maximum	84	83	80	77	83	85	88	91	95	87	88	92	96	95	97	96	97	96	95	97	96	96	102	105	103	86	90	91	98	98	92	92	91.9
	Minimum	54	47	49	48	48	49	51	59	64	69	71	72	71	78	70	66	68	70	69	68	67	66	65	68	69	57	57	59	63	69	73	63.0
Nail	Maximum	74	73	71	72	73	75	76	80	84	86	84	84	89	86	88	90	92	86	89	90	92	98	98	102	91	94	91	91	100	95	94	92.1
	Minimum	52	51	50	52	54	53	54	55	68	61	61	64	64	75	75	71	72	70	69	72	74	78	79	79	79	76	79	76	69	69	67	65	67.5
Newport	Maximum	75	84	89	89	82	87	90	91	86	91	98	90	98	96	95	100	96	97	98	99	98	98	92	98	89	94	91	91	100	95	94	92.1
	Minimum	66	56	59	57	59	57	59	62	68	71	65	74	73	75	78	75	78	77	64	64	71	68	65	65	66	71	62	61	63	62	67	72	65.9
Osceola	Maximum	82	81	82	85	84	86	89	91	93	90	94	96	90	95	94	98	98	89	101	101	99	103	99	103	89	90	92	97	98	98	99	93.0
	Minimum	56	56	56	56	56	54	55	62	64	66	62	70	73	71	70	70	82	72	72	73	71	70	65	61	61	65	70	75	75	76	75	65.9
Ozark	Maximum	....	81	81	80	86	84	87	90	92	91	91	89	96	93	96	100	96	98	97	96	98	100	101	103	98	89	91	96	96	91	88	92.3
	Minimum	....	52	54	54	54	55	57	65	73	70	72	75	74	76	73	72	74	74	75	75	78	75	76	75	76	61	65	68	75	76	75	69.0
Pine Bluff	Maximum	81	82	82	84	86	89	91	93	96	90	91	94	95	99	99	101	102	102	100	101	101	102	106	110	110	89	97	98	102	101	101	101	96.7
	Minimum	67	56	60	60	64	65	61	63	70	74	72	74	75	76	76	71	77	76	75	75	76	74	72	69	70	68	61	62	64	65	73	72	64.7
Pocahontas	Maximum	80	80	80	82	84	85	86	89	84	90	92	88	94	94	91	93	88	94	93	90	95	93	93	96	96	98	90	90	90	93	95	89	90	89.8
	Minimum	55	52	53	51	59	55	56	59	65	65	66	73	69	68	69	68	75	69	67	69	69	72	69	70	68	61	62	64	65	73	72	64.7
Portland	Maximum	85	85	87	87	87	89	93	97	98	94	96	97	100	98	103	104	101	100	101	101	102	103	105	106	107	96	93	98	102	99	99	98	96.9
	Minimum	60	56	57	56	62	58	57	60	61	79	70	71	77	76	73	72	73	77	77	71	73	68	67	70	72	65	62	65	70	73	78	68.0
Prescott	Maximum	81	82	82	77	84	87	89	94	97	95	86	94	98	97	100	101	100	98	98	99	100	102	103	104	92	91	94	98	99	96	98	94.1
	Minimum	61	56	58	54	57	56	57	64	58	70	74	76	74	74	75	71	74	76	76	75	75	72	67	74	75	63	63	65	70	76	77	68.1
Rison	Maximum	78	....	84	84	84	88	91	97	97	94	92	92	98	96	102	101	102	98	98	100	101	102	106	109	89	94	97	101	100	100	100	95.9
	Minimum	59	....	54	56	58	56	58	69	69	72	70	73	76	75	75	71	75	74	76	74	73	75	70	72	71	62	65	66	71	71	77	68.5
Rogers	Maximum	73	76	75	76	79	81	81	86	84	87	85	86	94	86	91	94	87	83	90	86	89	90	94	95	81	84	86	89	86	85	83	85.3
	Minimum	50	48	47	49	49	49	52	61	67	67	61	67	63	64	71	70	68	71	70	69	73	70	69	66	58	50	61	67	72	66	62.9
Searcy	Maximum	80	81	81	81	86	88	90	93	90	90	94	93	96	95	97	101	99	95	96	97	97	103	99	95	98	98	100	99	98	96	95	93.7
	Minimum	50	51	52	52	55	61	55	65	68	70	62	75	70	75	70	70	70	70	65	70	65	65	66	68	65	60	66	65	62	61	75	70	64.6
Stuttgart	Maximum	78	80	79	79	83	84	89	92	94	89	95	91	98	95	95	99	101	95	98	98	99	103	101	104	87	92	95	98	101	95	103	93.2
	Minimum	60	54	59	55	58	57	57	61	79	72	70	74	74	75	72	72	74	74	75	74	72	74	71	73	71	65	63	66	76	74	76	68.6
Sublace	Maximum	82	84	81	80	85	87	90	91	92	95	89	100	96	100	100	100	104	100	102	101	99	102	105	103	104	96	90	94	98	98	92	91	93.9
	Minimum	59	53	56	55	54	56	58	61	64	71	69	71	72	76	73	69	79	74	75	80	78	78	73	70	62	62	65	70	79	75	79	67.8
Texarkana	Maximum	85	87	87	79	87	90	93	96	98	93	93	96	98	98	101	101	102	98	98	99	100	105	105	107	98	99	101	104	100	100	101	96.5
	Minimum	60	57	60	56	60	56	60	59	67	72	74	74	75	75	75	73	76	76	77	74	73	75	66	77	77	65	64	64	70	75	77	69.0
Warren	Maximum	....	88	85	86	87	85	90	95	96	92	91	94	100	100	100	100	99	97	98	98	98	99	102	103	104	101	89	93	98	98	96	97	95.3
	Minimum	....	56	58	56	62	58	59	63	68	71	73	75	77	82	77	75	76	78	78	78	75	75	70	73	73	64	64	66	72	77	78	70.2
Wynne	Maximum	81	81	82	82	82	86	88	93	91	90	86	93	97	92	96	98	99	95	97	98	98	98	102	101	103	89	90	93	96	98	92	95	95.4
	Minimum	59	52	55	52	57	55	56	59	70	71	67	73	71	76	71	74	76	74	74	75	75	74	72	72	72	60	61	63	68	70	74	69.6

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., AUGUST, 1924. No. 8.

OCT 11 1924

UNIVERSITY OF ILLINOIS

GENERAL SUMMARY.

When the weather of August, 1923 is compared with that of August, 1924 a striking similarity is found, the departures from the normal being practically the same both months. August, 1924 opened with temperatures above normal and the daily means were above throughout the month with the exception of about 5 or 6 days when slightly below. The monthly mean was 2.8° above the 30 year average, but no exceedingly high temperatures occurred, all extremes being well within the limits established by previous records. There was a slight excess of sunshine with 5 more than the normal number of clear days, 2 less than the normal number of rainy days. Precipitation was deficient in most sections of the State being lightest in southern counties. Owing to the hot dry weather cotton made poor progress in southern counties but fairly good to very good in central and northern, boll weevil infestation continuing light and damage negligible. Late corn was seriously damaged in southern sections by the continued dry weather, but in northwestern sections where rains were more frequent, an excellent corn crop is assured. The peach and grape crops in northwestern Arkansas were unusually good. A woman was killed by lightning eight miles south of Lonoke, August 23d.

W. C. H.

TEMPERATURE.

The mean temperature for the State, based on the records of 55 stations, was 82.2°, which is 2.8° above normal, all stations except Pocahontas showing positive departures Monthly means ranged from 89.6° at Rison to 76.6° at Dutton. The highest temperature recorded during the month was 108° at Pine Bluff on the 3d, the lowest 43° at Corning on the 15th. The dates of extremes varied in different sections of the State. The greatest daily range was 47° at Magnolia on the 20th.

PRECIPITATION.

The average precipitation for the State as determined from the records of 79 stations, was 2.40 inches which is 1.43 inches less than normal. Positive departures occurred at a few stations in the northeastern counties and at one station in the southwestern, negative elsewhere. Precipitation totals ranged from 6.46 inches at Heber Springs to a trace at Whitecliffs. The greatest amount measured in 24 consecutive hours was 2.52 inches at Mountain Home on the 12th. The average number of rainy days was 5.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 1st, 17; 2d, 15; 6th, 25; 7th, 9; 8th, 1; 9th, 17; 10th, 20; 11th, 21; 12th, 1; 15th, 6; 16th, 27; 17th, 17; 18th, 7; 19th, 1; 20th, 2; 21st, 4; 22d, 14; 23d, 23; 24th, 25; 25th, 2;28th, 8; 29th, 3; 30th, 11, 31st; 27.

Lunar Halos:- 9th, 1; 12th, 1.

Solar Halos:- 6th, 1; 22d, 1; 27th, 2; 28th, 1.

Maderate Hail:- Eureka Springs,10th; Clinton, 24th.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement mil	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	29.96	30.16	12	29.68	19	2,920	16	s.	23	.....	.....	78
Fort Smith...	29.92	30.13	12	29.72	24	5,157	37	nw.	10	76	49	74
Little Rock	29.96	30.12	12	29.76	24	5,079	35	n.	24	79	49	78
Memphis....	29.98	30.12	12	29.77	24	4,659	40	nw.	10	78	58	75

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more
*Means and Extremes.	79.4		115	39	3.83		15	10	6	7
1891.....	76.4	−3.0	108	39	2.75	−1.08	21	5	2	5
1892.....	78.3	−1.1	106	40	4.39	+0.56	13	11	7	9
1893.....	77.3	−2.1	102	48	3.08	−0.75	18	9	4	5
1894.....	78.1	−1.3	104	48	4.63	+0.80	12	11	8	8
1895.....	79.4	0.0	102	55	2.64	−1.19	18	9	4	4
1896.....	82.6	+3.2	112	48	2.32	−1.51	17	9	5	5
1897.....	79.6	+0.2	111	45	2.59	−1.24	17	10	4	5
1898.....	79.4	0.0	108	54	4.35	+0.52	13	13	5	7
1899.....	82.2	+2.8	112	54	2.04	−1.79	19	9	3	4
1900.....	81.1	+1.7	108	57	2.95	−0.88	16	12	3	5
1901.....	80.5	+1.1	109	52	2.95	−0.88	14	13	4	6
1902.....	80.7	+1.3	108	51	2.55	−1.28	19	9	3	4
1903.....	78.7	−0.7	105	47	4.34	+0.51	15	12	4	8
1904.....	78.1	−1.3	105	46	2.81	−1.02	16	12	3	6
1905.....	79.1	−0.3	103	51	3.73	−0.10	18	10	3	6
1906.....	77.9	−1.5	100	42	4.92	+1.09	14	10	7	10
1907	82.0	+2.6	113	54	2.92	−0.91	16	10	5	6
1908.....	79.3	−0.1	103	52	4.48	+0.65	15	10	6	8
1909.....	82.4	+3.0	111	47	1.27	−2.56	20	8	3	4
1910.....	79.2	−0.2	104	43	3.92	+0.09	13	12	6	8
1911.....	78.0	−1.4	107	45	8.19	+4.36	11	11	9	12
1912.....	78.7	−0.7	105	45	3.30	−0.53	15	10	6	7
1913.....	82.1	+2.7	107	46	1.62	−2.21	20	10	1	3
1914.....	78.5	−0.9	104	57	6.81	+2.98	8	11	12	12
1915.....	74.7	−4.7	102	40	10.44	+6.61	9	9	13	11
1916.....	81.8	+2.4	107	46	2.63	−1.20	17	9	5	5
1917.....	77.1	−2.3	104	43	4.10	+0.27	16	7	8	8
1918.....	82.9	+3.5	115	52	3.90	+0.07	15	9	7	7
1919.....	80.6	+1.2	113	55	4.29	+0.46	16	8	7	7
1920.....	76.8	−2.6	102	46	4.08	+0.25	13	9	9	8
1921.....	81.5	+2.1	106	56	5.46	+1.63	15	9	7	8
1922.....	80.4	+1.0	111	51	1.90	−1.93	18	8	5	5
1923.....	81.9	+2.5	109	49	2.43	−1.40	18	8	5	4
1924	82.2	+2.8	108	43	2.40	−1.43	20	8	3	5

*Based on 30 years record.

Climatological Data for August, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	81.5[d]	+ 1.5	101[d]	5	60[d]	14	36[d]	1.88	−2.48	0.82	0	4	14[d]	13[d]	0[d]	e.	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	3.38	−1.14	2.03	0	4	14	10	7	s.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	1.53	−2.39	0.92	0	5	23	4	4	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.40	.....	1.20	0	5	20	7	4	ne.	J. DReeves.
Batesville	Independence	277	25	79.6	+ 0.1	100	4†	56	13	37	2.81	−1.44	1.04	0	8	20	7	4	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	80.3	+ 0.1	103	4†	54	12†	40	4.03	+0.16	1.47	0	8	18	12	1	w.	J. E. Scanlan.
Bentonville	Benton	1303	19	79.8	+ 2.4	94	28	60	13	27	3.04	−1.00	1.43	0	8	19	11	1	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	5.01	+0.66	2.25	0	6	24	2	5	.....	Vernon C. Howe.
Booneville	Logan	465	10	86.5	+ 5.4	103	5†	65	12	31	2.00	−0.99	0.70	0	10	22	7	2	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	83.9	+ 3.7	104	29	55	13	38	0.61	−2.91	0.26	0	4	22	8	1	s.	H. L. D. Whitson.
Calico Rock	Izard	361	20	79.6	+ 0.7	101	5	58	13	40	5.13	+0.03	1.76	0	7	19	11	1	s.	W. J. Copp.
Camden	Ouachita	158	39	83.4	+ 3.2	104	29	61	14†	41	1.43	−1.83	0.97	0	3	25	1	5	s.	A. B. Quarterman.
Center Point	Howard	470	25	86.6	+ 5.2	106	11	70	7†	32	1.45	−1.90	0.63	0	5	17	13	1	sw.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	2.19	−2.02	1.26	0	7	17	8	6	s.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	3.47	.....	1.03	0	7	18	13	0	w.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	82.0	+ 0.6	102	4	59	13	36	3.48	−0.03	1.04	0	7	19	10	2	s.	E. E. Cordrey.
Corning	Clay	293	31	79.0	+ 0.9	103	3†	43	15	46	4.59	+0.95	1.33	0	6	25	5	1	se.	Winfred D. Polk.
Dam No. 1	White	190	2	.....	.....	.....	.....	.....	.....	.....	2.14	.....	0.69	0	4	25	3	3	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	1.62	−1.91	0.63	0	5	21	0	10	s.	C. P. Evans.
Dardanelle	Yell	330	38	83.8	+ 3.8	103	6†	60	6†	43	0.90	−2.83	0.50	0	2	22	0	9	w.	J. D. Riley.
Dumas	Desha	162	18	82.0	+ 1.4	101	2†	60	13	36	1.96	−2.00	0.65	0	6	11	17	3	s.	Ben Johnson.
Dutton	Madison	1590	21	76.6[a]	+ 1.9	97[a]	27†	51[a]	13	42[a]	3.73	−0.72	1.50	0	9	18[a]	11[a]	1[a]	s.	J. M. Ricketts.
El Dorado ††	Union	270	23	85.6	+ 4.5	103	4†	64	14†	37	1.80	−1.52	1.25	0	5	9	20	2	sw.	J. J. Babb.
England	Lonoke	229	17	82.6	+ 2.3	102	29	57	13	38	1.65	−2.95	0.72	0	6	17	12	2	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1165	24	78.6	+ 0.6	96	28	56	13	31	3.76	−1.36	1.40	0	6	17	13	1	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	79.8	....	100	5	57	13	37	4.59	.....	2.20	0	5	18	8	5	s.	C. C. Price.
Fayetteville	Washington	1151	37	79.3	+ 1.7	97	30	55	12	34	2.48	−1.73	0.75	0	8	15	10	6	sw.	University of Arkansas.
Fort Smith	Sebastian	451	42	84.6	+ 4.1	101	5	66	12	29	1.72	−1.94	1.08	0	6	12	12	7	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	0.57	−2.35	0.38	0	3	22	6	3	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	1.35	−2.87	0.60	0	4	25	0	6	s.	W. R. Owens.
Gilbert	Searcy	.....	1	....	.....	.....	.....	.....	.....	.....	3.57	.....	1.30	0	7	17	10	4	n.	Ben F. Pattenfield.
Grannis	Polk	909	6	81.2	.....	99	2†	60	15	36	1.60	.....	0.57	0	6	23	6	2	sw.	W. E. Mc Vay.
Gravette	Benton	1250	27	78.2	+ 1.0	94	28†	55	12	31	2.59	−1.39	0.98	0	8	15	11	5	sw.	A. F. Stevens.
Harrison	Boone	1352	25	78.0	.....	95	3	56	13	34	3.28	−0.44	1.65	0	3	26	3	2	sw.	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	6.46	+2.01	2.00	0	10	22	0	9	sw.	Claude Jones.
Helena	Phillips	193	52	.....	.....	.....	.....	.....	.....	.....	1.82	−2.02	0.44	0	6	24	2	5	n.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	2.86	.....	0.98	0	8	18	13	0	sw.	J. A. Ingram.
Hope	Hempstead	377	53	86.6[b]	+ 5.2	106[b]	5†	62[b]	14	39[b]	1.10	−2.50	0.55	0	3	21[b]	6[b]	2[b]	s.	N. P. O'Neal.
Hot Springs	Garland	600	33	81.8	+ 1.4	100	4	62	14	33	5.45	−1.55	1.68	0	7	22	9	0	.....	P. P. Patraw.
Huttig	Union	175	17	85.3	+ 5.6	106	3†	61	13†	42	0.88	−3.47	0.80	0	2	26	4	1	w.	J. L. Collett.
Jonesboro	Craighead	345	29	81.8	+ 1.9	104	5	58	13	36	2.77	−0.67	0.81	0	9	22	7	2	sw.	Benedictine Sisters.
Junction	Union	382	30	85.2	4.4	106	5	57	13	38	6.36	−3.20	0.36	0	1	26	5	0	w.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	101	24†	.....	.....	.....	1.54	.....	0.53	0	3	24	5	2	.....	G. A. Newton.
Little Rock	Pulaski	399	45	82.8	+ 3.0	99	5	65	13	32	1.74	−1.91	1.00	0	7	18	7	6	s.	U. S. Weather Bureau.
Lutherville ††	Johnson	775	27	83.4	+ 4.6	100	5†	61	13	32	1.42	−2.75	0.49	0	6	20	9	2	e.	H. Kauffeld.
Magnolia	Columbia	315	6	83.0	.....	104	11†	55	20	47	0.15	.....	0.15	0	1	7	22	2	sc.	State Agri. School.
Malvern	Hot Springs	277	37	82.7	+ 3.0	104	4†	60	14	38	5.26	−1.61	1.80	0	9	28	3	0	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	77.8	+ 0.6	98	4†	51	15	35	3.32	−1.12	1.62	0	7	19	8	4	s.	F. M. Daniel.
Marianna	Lee	235	16	82.1	+ 2.7	99	9†	58	13	33	2.70	+0.09	1.72	0	5	23	7	1	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	81.9	.....	102	2†	58	12	38	1.53	−2.44	0.70	0	5	19	11	1	e.	Charles Walton.
Marshall	Searcy	1070	10	80.2	....	98	4†	56	13	36	2.13	−2.67	0.76	0	7	.....	.....	.....	nw.	A. J. Park.
Mena	Polk	1185	28	83.4	+ 4.0	102	29	64	27	35	2.24	−2.66	0.93	0	6	16	9	6	w.	E. W. St. John.
Morrillton	Conway	547	3	84.0	.....	103	2†	62	14	35	1.35	.....	0.65	0	4	18	4	9	.....	W. E. Arnold.
Mountain Home	Baxter	860	11	78.2	.....	101	6	54	14	40	4.50	+0.60	2.52	0	4	26	2	3	sw.	B. S. Halbert.
Mountain View	Stone	.....	1	....	.....	.....	.....	.....	.....	.....	1.68	.....	0.55	0	8	16	14	1	s.	John W. Webb.
Mount Ida	Montgomery	730	25	81.6	.....	103	3	58	14	40	2.82	−0.91	0.90	0	5	16	10	5	sw.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	3.36	+0.48	2.49	0	4	22[a]	5[a]	3[a]	.....	Henry A. Davis.
Nail	Newton	2233	28	77.9	+ 1.8	95	28	58	12	27	2.15	−1.51	0.90	0	5	22	8	1	s.	Charles Paxton.
Newport	Jackson	231	40	81.3	+ 1.5	101	9	60	14†	36	2.48	−1.00	1.15	0	4	20	9	2	sw.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	80.2	+ 1.2	103	4	52	14	38	3.11	+0.28	1.95	0	6	23	0	8	.....	Mrs. Josephine Morriss.
Ozark	Franklin	450	28	84.0	+ 2.5	102	3†	64	13	33	1.96	−2.10	0.86	0	5	14	11	6	se.	Isham Burrow.
Ozark Beach Mo	Taney	630	1	.....	.....	.....	.....	.....	.....	.....	3.80	.....	0.81	0	10	.....	.....	.....	.....	S. E. Guard.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	2.30	−0.43	1.30	0	5	25	0	6	s.	W. E. Baker.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	4.03	.....	1.35	0	9	15	9	7	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	85.7	+ 4.3	108	3	64	15†	37	2.84	−0.50	0.90	0	7	23	0	8	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	30	80.6	− 0.4	100	5	57	13	36	3.93	−0.63	1.85	0	5	21	9	1	s.	Benedicitine Sisters.
Portland	Ashley	122	18	81.2	+ 3.1	104	5	63	13†	34	0.89	−3.08	0.65	0	3	17	12	2	sw.	W. E. Edmiston.
Prescott	Nevada	329[a]	36	84.9	+ 3.7	104	5†	65	13†	35	1.28	−2.10	1.18	0	2	26	4	1	s.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	2.05	−1.29	0.80	0	5	22	1	8	ne.	Foote Coleman.
Rison	Cleveland	246	23	89.6	+ 8.6	104	4†	60	12	36	1.70	−1.67	0.53	0	5	9	14	8	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	77.8	+ 0.8	94	5†	57	13	30	3.77	+0.21	1.06	0	8	16	10	5	s.	Carl A. Starck.
Searcy	White	236	11	81.0	+ 1.1	103	27†	50	13	41	1.90	−1.83	0.50	0	7	18	10	3	s.	J. T. Bell.
Snow Lake	Arkansas	185	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Britt.
Springbank ††	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	1.29	−2.91	1.13	0	2	25	2	4	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	84.2	+ 3.9	105	4†	62	26†	37	1.38	−2.20	0.97	0	5	17	10	4	sw.	Adam F. Buerkle.
Subiaco	Logan	1050	27	86.3[b]	+ 5.5	106[a]	5	63[a]	12†	37[a]	0.48	−3.40	0.30	0	4	20[a]	9[a]	1[a]	se.	New Subiaco Abbey.
Texarkana	Miller	339	39	87.2	+ 5.3	106	10†	67	14	37	0.99	−2.21	0.80	0	4	15	12	4	s.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	0.84	.....	0.64	0	5	17	6	8	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	81.5	+ 3.4	102	4†	64	13†	33	0.56	−3.64	0.45	0	2	19	10	2	s.	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	T.	−3.41	T.	0	0	19	10	1	.....	Nannie O. Schirmer
Wynne	Cross	250	18	82.6	+ 2.8	103	5	55	13	39	1.15	−2.83	0.35	0	6	17	7	7	s.	E. O. Allen.
State Means and Extremes				82.2	+ 2.8	108	3	43	15	47	2.40	−1.43	2.52	0	5	20	8	3	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville R.F.D. No. 2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for August, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita							.82									.57	.29														.20	1.88
Arkadelphia	Ouachita							.60									2.03	.05													.70		3.38
Arkansas City	Mississippi		T.						.01		T.		.92					.08	.32							.20							1.53
Arlberg	White	.50								1.20		.35											1.00									.35	3.40
Batesville	White	.08		.02				.54			.95	.02	1.04				.12										.04						2.81
Bee Branch	Arkansas	.80					.12	.35			.21	.34					.14						T.	.57	1.47								4.03
Bentonville ***	Arkansas	.25	.86				1.43			.07	.01	.14				.14	.14								T.								3.04
Black Rock	White							.78			1.02	.40	2.25				.38									.18							5.01
Booneville	Arkansas	.70					.30	.13				.05					.03		.02				.36	.17						.03	.21	2.00
Brinkley	White	.12									T.		.12					.11	.26							T.							0.61
Calico Rock	White	.02	T.					.47			1.40	1.76	1.24				.18									.06							5.13
Camden	Ouachita												.32					.14	.97														1.43
Center Point	Red	.01					T.	.63									T.	.23					T.	.21	.37								1.35
Clarendon	White	1.26	.14										.44					.26							.06	.02					.01		2.19
Clinton	White	.18						.13			.50	.23					.55		.85					T.	1.03						T.		3.47
Conway	Arkansas						.28	.82				.49					1.04						.10	.25							.50		3.48
Corning	White	.30							1.33		1.15	.85					.53								.43								4.59
Dam No. 1	White	.50					.52			.43		.69																					2.14
Danville	Arkansas	T.						.33					.18				.63	.28					T.	.20									1.62
Dardanelle	Arkansas							.50									.40																0.90
Dumas	Arkansas							.12	T.		.05	.65					.26									.63					.25	T.	1.96
Dutton	White	.31					.31	.04			.40						.29	.58					.12	.18	T.							1.50	3.73
El Dorado	Ouachita												.20						1.25				.22	.02		.11							1.80
England	Arkansas							.72				.09					.78							.01	.03							.02	1.65
Eureka Springs	White		.40				.63				1.40	.63				.12	.58																3.76
Evening Shade	White	.60						.43			1.21	2.20					.15																4.59
Fayetteville	White	.25	.15				.45	.30			.40					.10	.75															.08	2.48
Fort Smith ***	Arkansas	.02					.27				1.08	T.				T.	.01		.03				T.		T.						T.	.31	1.72
Fulton	Red							.38											.11							.08							0.57
Georgetown	White										.60		.50					.10	.15														1.35
Gilbert	White	T.					.66			.32	.63	1.30				T.	.26								.67							.33	3.57
Grannis	Red	.01					.55	.57										.28					.15	.04									1.60
Gravette	Arkansas	.20	.98				.59			.33	.21	.04				.19	.05						T.		T.							T.	2.59
Harrison	White	.25						.70				1.65				.93																	3.28
Heber Springs	White	.93					1.52	.23			.44	.58				.30	.20						2.00	.01	.25								6.46
Helena	Mississippi	.50	.10	.18									.44					.26							.34								1.82
Higden	White		.02				.12			.60		.22					.60						.98	.20								.12	2.86
Hope	Red							.05										.50				.55										T.	1.10
Hot Springs	Ouachita	.09						.52				.02					1.43	1.55						.16	1.68							T.	5.45
Huttig	Ouachita												.08					.80															0.88
Jonesboro	White	T.					.06	.28			.81	.64					.17				.09	.50			.14							.08	2.77
Jackson	Ouachita											T.																		T.	T.	T.	0.36
Lambrook	White		.53									.53					.48																1.54
Little Rock ***	Arkansas	.02					T.	.28				.06					1.00							.03	.29							.06	1.74
Lonoke	Arkansas						.39	.09									.49							.05	.25							.15	1.42
Magnolia	Red																				.15				T								0.15
Malvern	Ouachita		.18					.63	.02			.57					.54	1.80	.07							1.07						.38	5.26
Mammoth Spring	White							.13			.90	1.10	.52				.40	.01								.26							3.32
Marianna	Mississippi	.20		.05								.46					.27															1.72	2.70
Marked Tree	Mississippi	.20						T.			.56		.70				.05									.04						T.	1.53
Marshall	White	T.					.11	.01			.76	.40					.21								.15							.49	2.13
Mena	Ouachita	.60	.03					.93										.45	.20					.02		T.							2.24
Morrilton	Arkansas						.65										.30								.26							.20	1.55
Mountain Home	White							.37				1.19	2.52					.42					T.									T.	4.50
Mt. View	White	.10	.22				.12			.01	T						.16						T.		.07				.55			.45	1.68
Mount Ida	Ouachita							.90									.43	.30	.81						.38								2.82
Murfreesboro	Ouachita							.33											2.49						.25	.19							3.36
Nail	White						.15			.15	.90										.60	.35									T.	T.	2.15
Newport	White							.54			.74		1.15													.05							2.48
Osceola	Mississippi				.15			1.95		.06	.75							.10								.10							3.11
Ozark	Arkansas						.63				.14					T.	.15		.18					.80							T.	T.	1.96
Ozark Beach, Mo.	White	.11	.21				.22			.12	.70	.79	.21			.27	.81															.53	3.80
Patterson	White		1.30								.10		.40				.20		.30														2.30
Pindal	White						.55	.57		.27	1.35	.88				.17						.02	.10									.12	4.03
Pine Bluff	Arkansas	T.	.01					.59	.90									.45							.23	.52						.23	2.84
Pocahontas	White							.55			1.85	1.03					.30								.20								3.93
Portland	Ouachita												.04					.29								.65							0.89
Prescott	Ouachita	T.						T.										1.18					.10		T.								1.28
Princeton	Ouachita							.80										.30	.30						.30	.25								2.05
Rison	Ouachita							.43				.02					.53									.20					.52			1.70
Rogers	Arkansas	.12	.50				1.11				.12	.30				.12	.21							T.	T.							1.06	3.77
Searcy	White	.05	.50								.50	.05	.05				T.		.55													.25	1.90
Springbank	Red	T.						T.	T.										1.13	.15													1.28
Stuttgart	Arkansas	.03										.18					.97															.07	1.38
Subiaco	Arkansas						.30	.09									.01	T.					.08										0.48
Texarkana	Red	.02						.15											.84					.06	.02		.02						0.99
Waldron	Arkansas						.61										.68															.04	0.84
Warren	Ouachita								T.		.11		T.				T.	.45	T.								T.				T		0.56
Whitecliffs	Red							T.										T														T.	
Wynne	Mississippi	.01	T.								.33		.24				T.	.13							.35	.09							1.15

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight, G measured in the morning. T. Trace, or less than 0.01 inch.

Daily River Stages for August, 1924.

Stations.	Rivers.	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.1	6.0	5.9	5.8	5.9	6.0	7.7	6.9	7.8	10.2	11.8	10.6	9.9	10.1	12.7	11.9	9.4	8.2	9.6	10.7	9.9	9.0	8.1	7.8	6.8	7.3	8.1	8.8	8.0	6.7	7.3
Dardanelle	do	20	4.1	3.8	3.7	3.5	3.4	3.2	3.6	3.8	3.8	4.1	4.4	7.8	7.7	6.2	5.7	5.7	8.4	7.0	5.7	5.2	7.2	7.3	6.3	6.2	5.7	4.7	4.3	4.2	4.9	5.7	4.7
Little Rock	do	23	2.8	2.0	1.7	1.5	1.4	1.0	0.9	0.8	1.0	1.5	1.1	1.0	4.0	5.8	4.9	4.0	5.	7.0	5.9	4.1	3.1	3.9	5.0	4.8	4.0	3.0	2.5	2.1	1.9	2.0	2.7
Pine Bluff	do	25	7.5	7.0	6.7	6.4	5.9	5.7	5.5	5.4	5.2	5.5	5.6	5.5	5.5	8.5	9.8	9.9	9.0	10.1	10.1	9.8	8.5	7.5	8.1	9.2	9.6	7.8	7.3	6.9	6.6	6.5	6.4
Black Rock	Black	14	4.2	4.2	4.1	4.0	4.0	3.9	4.0	4.0	4.5	5.4	9.8	9.0	8.5	9.0	7.3	5.0	5.8	4.7	4.6	4.5	4.5	4.9	4.1	4.0	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.2
Calico Rock	White	18	1.9	1.9	3.0	3.0	4.1	3.4	3.1	2.5	2.1	1.8	1.3	7.7	8.0	9.7	6.8	4.9	4.3	4.1	5.3	4.7	3.9	3.4	2.9	2.7	2.0	1.6	1.3	1.4	1.3	1.2	1.1
Batesville	do	23	7.5	7.1	7.4	8.3	8.8	9.3	8.9	8.4	7.6	8.1	7.4	11.5	13.5	11.5	13.6	11.9	10.2	8.6	9.6	10.8	9.8	9.1	8.7	8.3	8.2	7.8	6.6	6.6	6.6	6.4	6.1
Newport	do	26	5.0	4.8	4.6	4.8	5.0	5.7	5.6	5.6	5.0	5.2	4.9	7.8	11.0	14.	12.4	10.7	8.7	7.5	7.7	7.8	7.0	6.0	5.5	5.0	4.8	4.1	3.7	3.5	3.5	3.3	
Georgetown	do	22	8.0	7.0	6.6	6.2	6.0	5.8	5.6	6.6	6.8	6.6	6.2	6.0	7.0	10.6	12.8	13.8	14.2	13.6	12.2	11.4	10.2	9.8	9.1	8.8	8.6	7.2	6.6	6.6	6.4	5.6	4.4
Clarendon	do	30	16.6	15.9	15.2	14.4	13.8	13.3	13.0	13.0	13.0	13.3	13.3	13.2	13.0	13.3	14.7	16.2	17.4	18.2	18.6	18.7	18.5	18.0	17.5	16.9	16.3	15.6	14.9	14.2	13.5	12.9	12.3
Helena	Mississippi	42	20.8	19.6	18.3	18.0	17.3	17.6	16.6	15.5	14.7	14.5	13.7	13.2	12.8	12.5	13.1	14.0	15.2	16.2	16.7	16.9	16.7	15.9	15.0	14.1	13.4	13.1	13.1	13.3	13.9	14.7	15.6
Arkansas City	do	48	23.1	23.6	23.5	23.6	23.6	22.8	21.7	21.5	19.7	19.0	18.4	17.9	17.5	17.4	17.3	17.8	18.6	19.7	20.6	21.4	21.7	21.7	21.2	20.2	19.0	18.3	18.0	17.7	17.5	17.6	18.1
Camden	Ouachita	49	3.0	3.0	2.8	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.8	1.6	1.4	1.4	1.4	1.8	2.4	2.5	2.1	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7
Danville	Petit Jean	20	1.5	1.5	1.3	1.3	1.2	1.2	1.2	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	2.3	5.0	2.9	2.5	2.2	2.0	1.7	1.7
Fulton	Red	28	6.6	6.6	6.6	6.6	7.5	7.5	7.2	7.1	7.1	6.9	6.8	6.8	6.7	6.5	6.6	6.6	8.5	6.1	6.4	6.4	6.1	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.8	6.9
Arkadelphia	Ouachita	18	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.1	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Patterson	Cache	9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	4.0	4.2	4.5	4.7	4.8	4.8	4.6	4.4	4.2	4.1	4.0	4.0	3.8

Daily Temperatures for August, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	95	98	98	100	101	100	97	98	100	99	98	93	96	93	97	90	85	92	95	89	94	....	....	....	....	91	96	98	99	97	95	95.7
	Minimum	75	70	72	66	68	68	70	66	70	69	74	63	62	60	61	70	66	69	70	71	71	....	....	....	....	62	61	63	65	67	68	67.3
Batesville§§	Maximum	91	83	97	100	100	91	91	96	98	90	83	84	86	86	88	89	90	92	93	95	97	99	95	94	89	93	90	99	98	98	94	92.5
	Minimum	73	70	69	65	63	69	71	71	69	67	70	61	56	59	61	67	70	67	68	77	73	71	70	66	60	60	62	65	66	66	70	66.8
Bee Branch	Maximum	95	99	101	103	103	98	94	99	100	88	82	88	92	92	95	92	93	95	98	100	99	101	96	97	91	95	101	100	99	99	95	96.1
	Minimum	66	68	68	64	63	68	68	68	64	65	65	54	54	57	60	65	66	65	67	69	68	67	67	63	62	60	62	66	69	67	66	64.5
Bentonville	Maximum	91	91	91	92	92	85	90	92	92	87	75	81	85	86	87	84	87	91	92	93	92	85	94	92	86	91	91	94	94	94	92	89.3
	Minimum	68	70	73	70	72	68	70	72	68	68	63	60	60	63	66	68	68	66	74	74	74	71	69	70	66	65	67	67	70	72	70	68.5
Brinkley	Maximum	93	99	101	102	103	100	95	103	103	102	89	89	91	92	97	88	99	98	96	100	99	101	102	100	96	97	100	102	104	100	94	97.9
	Minimum	72	74	74	72	72	77	74	73	73	70	72	64	55	60	62	77	70	69	73	76	73	73	73	70	65	62	62	67	70	71	72	69.9
Calico Rock§§	Maximum	83	93	100	100	101	83	95	99	99	89	81	84	87	87	87	89	89	91	96	98	97	96	95	90	90	95	98	98	99	98	95	93.0
	Minimum	70	69	69	64	61	66	71	75	67	66	67	62	58	60	62	66	67	66	69	69	71	70	69	67	61	61	62	64	66	66	68	66.1
Camden§§	Maximum	100	100	101	102	101	101	96	100	100	101	102	92	93	95	98	95	87	94	96	97	96	97	101	103	95	96	99	102	104	97	97	98.0
	Minimum	75	76	75	71	67	73	69	73	69	72	71	68	63	61	62	64	72	69	71	74	72	69	73	70	68	61	59	61	64	70	71	68.8
Center Point	Maximum	101	103	104	103	104	102	102	100	102	104	106	91	99	95	98	100	93	99	100	100	101	101	104	104	94	99	100	100	103	98	98	100.3
	Minimum	75	75	76	73	74	74	70	75	74	73	74	70	70	70	71	75	73	70	71	75	75	71	74	72	70	71	70	74	75	73	75	72.8
Conway	Maximum	97	99	100	102	101	97	95	99	100	92	88	88	91	90	93	88	91	93	95	96	97	98	99	98	92	94	100	101	101	97	94	95.7
	Minimum	74	73	72	67	65	73	72	73	69	69	71	62	59	60	64	69	71	68	71	76	74	71	71	62	61	62	64	65	70	70	70	68.3
Corning	Maximum	97	96	103	103	96	97	93	98	95	86	83	82	85	87	89	84	91	90	92	95	98	101	97	89	89	92	98	88	95	96	97	93.0
	Minimum	72	78	84	83	71	74	69	69	73	68	56	53	47	56	43	55	57	53	64	72	71	70	76	68	60	73	58	68	66	52	56	65.0
Dardanelle	Maximum	101	100	100	102	102	103	98	100	98	99	100	97	92	93	97	89	95	93	97	98	101	103	101	103	103	97	92	92	96	100	98	98.0
	Minimum	72	74	75	73	71	74	69	76	74	76	75	67	65	66	68	64	68	66	69	69	71	78	75	60	60	75	60	60	69	68	71	69.6
Dumas	Maximum	95	101	98	95	98	100	90	101	100	94	90	87	88	87	95	80	90	84	86	94	94	94	98	98	91	92	97	93	101	99	95	93.7
	Minimum	75	77	78	70	72	75	73	65	72	72	69	67	60	62	64	70	72	70	70	72	74	70	75	75	68	68	62	65	71	70	78	70.4
Dutton	Maximum	89	93	93	93	95	81	89	93	94	90	83	80	88	89	....	90	90	89	91	92	93	92	88	95	92	93	97	97	94	94	93	91.0
	Minimum	64	66	62	60	60	66	66	64	61	64	66	53	51	52	....	64	67	61	67	66	68	74	64	59	66	55	55	58	62	62	66	62.3
El Dorado	Maximum	100	100	102	103	102	103	98	102	102	103	100	95	95	96	100	101	100	96	98	96	96	99	103	103	95	97	98	101	101	99	97	99.4
	Minimum	77	76	77	78	72	77	70	77	75	75	73	69	65	64	68	78	70	70	72	75	73	70	70	72	68	65	65	64	73	72	74	71.7
England	Maximum	96	101	102	102	102	102	93	99	100	97	95	90	92	93	96	87	92	95	96	98	98	99	100	99	93	97	98	100	103	99	97	97.1
	Minimum	73	75	73	68	66	76	70	72	70	68	70	63	57	58	60	70	70	69	71	74	72	69	70	69	67	61	60	64	69	68	71	68.2
Eureka Springs	Maximum	90	91	91	92	93	85	90	92	92	88	78	83	86	86	86	87	89	91	91	92	91	87	94	92	89	93	92	97	93	92	93	89.9
	Minimum	67	68	73	74	74	67	69	73	69	63	65	57	56	59	63	66	66	64	72	74	74	70	65	71	63	63	68	66	69	72	68	67.4
Evening Shade	Maximum	92	91	99	99	100	98	92	96	96	90	82	83	85	86	86	86	88	90	94	95	95	97	97	94	93	92	98	99	97	98	95	93.0
	Minimum	73	70	70	66	63	70	71	70	68	67	65	61	57	60	60	68	67	67	69	72	72	70	71	65	63	61	61	68	67	66	70	66.7
Fayetteville	Maximum	89	91	91	92	93	94	89	91	93	89	82	82	86	87	89	91	90	91	92	93	93	89	94	90	90	92	93	96	95	97	94	90.9
	Minimum	71	69	71	73	69	67	68	72	71	66	71	55	57	60	65	67	66	66	72	74	73	71	69	69	67	62	64	62	68	72	72	67.7
Fort Smith	Maximum	96	100	100	99	101	89	95	98	100	92	88	88	91	90	95	93	91	95	99	100	99	93	96	100	93	95	99	100	100	98	97	95.8
	Minimum	75	76	76	77	78	73	71	76	75	68	71	66	69	68	69	75	75	72	75	78	78	76	74	71	72	71	70	73	75	77	72	73.3
Grannis	Maximum	96	99	98	99	99	97	97	94	96	97	98	93	92	91	94	97	88	92	95	98	97	99	95	99	95	96	98	99	99	95	95	96.0
	Minimum	71	67	65	65	67	65	65	69	66	67	68	64	66	63	60	69	67	66	73	66	69	68	69	67	66	66	68	63	63	67	68	66.4
Gravette	Maximum	91	91	90	91	92	90	89	91	92	87	79	81	86	86	86	84	88	91	92	93	92	87	93	92	88	91	92	94	94	92	92	89.6
	Minimum	69	68	67	68	72	68	69	70	68	67	69	55	58	59	65	66	67	64	76	73	72	68	66	68	67	63	63	63	65	68	70	66.8
Harrison	Maximum	93	93	95	94	93	95	84	93	94	84	77	81	84	86	85	84	89	89	94	94	93	90	93	92	93	91	93	95	95	95	90	90.2
	Minimum	61	64	61	65	76	64	69	70	66	66	66	58	56	57	64	65	62	64	68	72	69	80	66	70	68	58	61	64	66	70	71	65.7
Hope	Maximum	101	105	104	105	106	104	101	103	104	105	105	97	97	98	102	104	97	98	100	104	103	103	102	102	....	....	102	104	106	102	101	102.2
	Minimum	75	75	75	73	72	70	70	73	73	72	72	70	65	62	68	75	71	69	70	76	73	72	71	71	....	....	63	66	69	75	75	71.1
Hot Springs	Maximum	94	98	99	100	99	98	95	98	97	96	96	92	96	91	92	88	85	91	92	93	93	93	96	97	93	92	94	97	98	94	92	94.5
	Minimum	69	74	72	75	70	73	69	72	70	69	72	64	63	62	64	69	68	67	71	72	73	71	71	67	67	63	64	67	69	70	72	69.0
Huttig	Maximum	104	105	106	106	105	105	102	105	105	105	105	98	95	95	102	100	100	97	100	98	98	100	101	103	98	95	103	103	103	101	98	101.3
	Minimum	74	75	75	68	69	75	73	74	73	74	71	71	61	61	61	71	70	70	71	73	72	70	71	72	65	61	61	61	61	70	73	69.3
Jonesboro	Maximum	93	93	103	103	104	98	93	102	102	88	81	83	84	85	90	85	88	90	98	101	99	99	96	90	87	94	100	99	95	101	98	94.3
	Minimum	73	71	72	70	72	74	72	72	74	68	68	62	58	61	61	67	69	68	73	75	74	72	74	70	64	64	64	73	73	66	72	69.2
Junction	Maximum	100	102	103	104	106	105	104	105	104	105	103	95	94	96	98	99	100	101	100	102	103	104	105	94	95	97	98	102	103	102	100	100.9
	Minimum	73	72	71	67	69	71	73	72	73	74	73	63	57	58	62	67	71	73	74	74	75	74	73	66	63	66	68	69	71	72	71	69.5
Little Rock	Maximum	92	98	98	99	99	95	91	96	97	93	87	85	89	89	93	85	89	93	94	96	95	93	93	98	90	92	96	98	98	95	90	93.4
	Minimum	76	76	75	74	74	75	71	75	74	71	72	67	65	66	69	71	73	71	73	77	76	74	71	66	70	69	69	71	76	75	72	72.1
Lutherville	Maximum	94	97	98	99	100	91	91	96	100	95	89	91	93	92	95	93	92	95	96	97	97	98	94	97	93	94	99	100	100	97	95	95.4
	Minimum	73	74	75	72	73	75	70	73	72	70	73	66	61	64	68	67	72	70	73	77	76	73	71	68	70	67	68	74	76	75	74	71.3
Malvern	Maximum	94	102	103	104	103	104	98	101	101	98	100	90	92	91	97	89	88	94	95	98	96	97	100	101	92	93	98	100	100	97	94	97.1
	Minimum	73	75	70	67	65	70	70	73	68	69	72	65	61	60	63	70	69	67	71	73	73	70	71	68	68	63	63	66	69	69	67	68.3
Mammoth Spg. §§	Maximum	90	90	97	98	96	84	90	97	91	89	77	81	83	84	80	81	85	87	92	95	95	94	95	90	87	89	94	94	96	95	93	90.0
	Minimum	72	69	62	66	63	69	70	69	70	69	67	60	55	57	51	59	65	67	68	72	70	69	70	68	63	61	62	68	69	66	69	65.6
Marianna	Maximum	88	92	97	96	96	95	93	95	99	98	94	85	86	88	90	87	92	91	93	95	94	97	99	94	89	91	94	96	97	97	95	93.3
	Minimum	72	76	73	80	72	76	74	73	75	81	71	66	58	61	65	71	72	71	73	75	75	72	74	70	68	63	63	63	72	71	71	70.9
Marked Tree §§	Maximum	96	102	102	102	100	92	101	100	91	81	84	84	89	91	86	94	95	95	99	97	100	101	92	89	91	100	99	99	99	96	93	94.8
	Minimum	73	74	72	70	73	74	72	75	69	72	64	58	61	61	63	71	70	71	75	74	73	73	74	65	65	62	67	71	61	64	73	69.0
Marshall	Maximum	92	94	96	98	98	96	91	96	98	95	85	82	85	86	87	88	91	90	94	95	95	95	95	94	89	93	96	97	98	93	91	92.7
	Minimum	70	72	71	65	66	74	73	75	69	67	67	61	56	58	70	68	68	67	73	75	77	72	67	64	64	60	60	65	66	71	71	67.8
Mena	Maximum	95	97	99	99	101	98	94	96	98	98	93	93	93	94	97	99	88	94	97	97	97	97	99	99	95	96	99	99	102	98	99	96.8
	Minimum	72	73	72	71	72	73	68	71	72	72	69	67	68	67	68	74	71	68	72	75	75	72	70	67	65	68	64	66	68	70	73	70.1
Morrillton	Maximum	100	103	102	103	102	95	99	100	100	92	91	86	88	91	95	92	92	92	95	97	97	101	101	97	92	96	99	102	100	98	96	96.6
	Minimum	75	73	73	68	67	70	75	73	76	71	72	78	65	62	64	70	78	78	72	74	76	72	68	71	77	64	67	69	72	73	72	71.5
Mt. Home	Maximum	92	90	99	99	99	101	85	95	98	97	85	77	84	86	87	86	88	86	90	94	96	96	96	94	94	97	97	95	97	95	95	92.6
	Minimum	65	66	66	62	62	61	66	68	67	64	64	64	58	54	57	61	64	63	64	67	68	68	67	67	64	58	60	64	66	67	67	63.8
Mount Ida	Maximum	96	98	103	101	101	98	96	97	100	100	99	94	95	96	97	93	88	94	95	96	96	95	98	102	94	96	100	100	100	98	99	97.3
	Minimum	70	72	72	66	63	64	63	69	68	67	66	61	60	58	59	70	70	64	69	72	76	70	69	65	64	60	60	60	62	65	70	65.8
Nail	Maximum	89	90	89	90	91	91	90	85	93	87	87	86	86	83	82	84	85	85	86	87	88	88	89	90	90	92	92	95	92	90	91	88.5
	Minimum	69	70	69	68	69	70	70	68	70	68	62	58	59	60	60	61	63	64	64	66	67	67	68	68	69	73	77	78	74	73	70	67.3
Newport	Maximum	94	94	100	97	100	99	100	100	101	95	93	92	91	90	90	91	90	94	96	92	97	98	100	95	92	95	92	95	93	100	98	95.3
	Minimum	70	71	79	72	75	70	72	74	73	82	68	62	62	60	60	62	65	63	63	65	61	65	64	68	64	61	64	64	65	78	75	67.3
Osceola	Maximum	90	97	101	103	102	98	93	98	98	92	78	76	85	87	89	86	90	89	91	94	95	95	96	81	87	89	98	90	99	96	92	92.1
	Minimum	74	74	72	73	71	69	74	70	71	74	69	72	65	52	57	57	76	70	70	70	67	67	67	67	62	60	65	69	70	74	68.2
Ozark	Maximum	96	98	102	101	102	94	95	98	101	95	93	92	96	93	96	96	94	95	100	98	98	98	99	100	94	96	100	101	100	98	96	97.3
	Minimum	73	74	72	69	70	70	71	76	69	70	73	65	64	68	70	71	71	73	73	75	75	73	71	69	68	66	66	68	74	75	74	70.8
Pine Bluff	Maximum	101	104	108	106	105	104	93	101	103	100	94	92	94	97	102	87	93	97	99	102	102	102	103	102	94	93	101	104	105	101	96	99.5
	Minimum	76	76	77	73	74	78	72	74	74	71	73	68	64	64	65	77	72	70	73	76	75	72	75	71	70	65	66	70	74	71	73	71.9
Pocahontas	Maximum	91	90	97	99	100	96	91	97	97	94	85	85	87	88	86	86	91	91	92	94	94	95	98	94	91	92	98	99	98	98	96	93.2
	Minimum	73	69	70	68	64	74	71	70	74	66	67	65	57	62	60	69	67	66	69	72	71	70	74	69	68	62	63	69	71	65	71	67.9
Portland	Maximum	99	101	103	103	104	102	98	102	102	98	103	91	95	92	97	94	90	95	96	97	98	97	99	102	94	97	99	100	101	99	95	98.2
	Minimum	75	76	75	71	71	75	75	73	75	73	69	71	63	63	65	71	67	70	70	73	72	69	73	71	67	63	62	66	71	69	72	70.2
Prescott	Maximum	98	103	102	103	104	102	100	102	102	102	102	93	95	94	94	97	86	95	99	99	96	98	101	102	95	97	100	101	104	100	98	98.8
	Minimum	75	75	75	69	72	76	70	75	73	72	73	69	65	65	65	72	71	68	74	76	75	70	74	70	70	65	65	67	70	71	74	71.0
Rison	Maximum	100	103	105	105	105	104	96	102	102	103	100	90	94	95	100	94	86	87	98	100	99	102	101	103	94	97	101	103	104	97	95	98.9
	Minimum	78	75	76	70	73	76	70	74	70	70	72	60	62	63	65	71	72	73	69	74	74	71	74	70	68	64	65	67	70	70	77	70.4
Rogers	Maximum	91	91	92	92	94	86	90	90	91	86	77	82	83	85	86	85	87	88	93	92	93	85	94	93	88	91	92	94	93	94	93	89.4
	Minimum	64	61	70	69	75	67	66	67	69	67	69	58	57	58	64	65	67	63	70	74	75	69	67	66	65	61	65	65	66	67	69	66.3
Searcy	Maximum	97	96	99	101	101	100	94	102	102	97	90	84	88	89	94	91	93	91	96	99	98	98	102	95	93	94	103	103	102	102	97	96.5
	Minimum	70	65	65	66	60	70	70	63	65	68	67	60	50	60	60	66	65	65	69	70	70	70	70	66	63	60	61	65	70	69	68	65.4
Stuttgart	Maximum	97	101	103	105	103	101	96	105	104	97	96	92	89	92	95	86	92	94	96	98	96	99	99	98	92	95	98	102	103	99	97	97.4
	Minimum	74	75	73	72	70	75	82	83	72	70	71	79	58	61	66	72	71	71	72	74	74	72	73	68	67	62	62	65	70	72	72	70.9
Subiaco	Maximum	....	102	103	105	106	97	97	102	105	101	97	95	97	99	100	100	99	100	103	103	102	105	103	104	98	102	105	104	105	103	101	101.4
	Minimum	....	73	73	76	74	72	70	73	70	74	74	63	63	64	69	71	74	70	73	80	76	74	71	67	70	66	68	69	73	73	74	71.2
Texarkana	Maximum	103	104	104	104	103	104	101	102	103	106	105	100	96	99	100	102	96	93	96	99	98	99	103	105	102	103	105	106	104	100	100	101.5
	Minimum	77	75	75	71	75	75	70	75	76	75	77	75	68	67	70	70	70	71	75	76	75	73	74	73	73	72	68	70	73	74	76	73.0
Warren	Maximum	98	100	101	102	100	101	99	101	100	98	101	91	92	92	96	96	90	94	96	96	94	98	99	100	96	95	97	101	102	97	95	97.4
	Minimum	77	78	77	73	74	78	73	73	76	74	72	69	64	64	70	73	70	70	71	70	73	70	76	71	69	64	65	68	74	71	73	71.6
Wynne	Maximum	94	95	101	102	103	99	93	102	102	95	83	82	82	91	92	85	94	95	86	98	99	101	102	101	92	95	100	101	101	99	97	95.5
	Minimum	73	75	74	72	71	77	76	72	74	70	72	62	55	59	63	73	70	71	74	75	74	72	71	69	65	60	61	66	70	70	73	69.6

§§ Instruments are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

OCT 29 1924
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA.

THE UNIVERSITY OF

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., SEPTEMBER, 1924. No. 9.

GENERAL SUMMARY.

The outstanding characteristics of the weather in Arkansas during September, 1924, were the low monthly mean temperature and the low temperatures recorded the closing days of the month. The monthly mean, 69.7°, is with but 2 exceptions the lowest since state wide records have been kept, 1902 and 1918 being the only years with lower September means. The lowest temperature recorded was 29° at Dutton on the 30th while the lowest September temperature on record is 28° at Corning on the 29th, 1899. Light frost occurred at several stations the 29th and 30th and killing frost was reported at 2 stations, however the damage was slight, most crops being matured and out of the way of frost.

Most of the precipitation fell on the 1st, 2d, 12th, 13th, and 17th to the 22d with light showers at several stations the 27th and 28th. Although there was a slight excess measured the rain did not interfere seriously with farm work and the close of the month found picking and ginning of cotton well under way in southern counties and starting in northern, and the soil in excellent condition for fall plowing. Other crops were maturing under favorable conditions. The rivers of the State were at low stages, the Arkansas at Little Rock being below zero for the first time since November, 1922.

A small tornado occurred at Hot Springs a few minutes after 3:00 p. m. of the 19th, unroofing a portion of the Eastman Hotel, destroying a church and some smaller buildings, uprooting many trees and doing considerable other damage. The losses were estimated at over $100,000. No lives were lost and no serious injury to anyone was reported. A wind storm (straight blow), accompanied by rain swept the southern part of Lawrence County the night of the 19th doing some damage to houses, barns, and growing crops. Clinton also reported a straight blow the 19th with slight damage.

W. C. H.

TEMPERATURE.

The mean temperature for Arkansas during September, 1924, as determined from the records of 54 stations, was 69.7° which is 4.2° below normal, all stations showing negative departures except Pine Bluff where the mean was 0.1° above normal. The highest monthly mean was 75.4° at Texarkana, the lowest, 63.3° at Nail. The highest temperature recorded during the month was 103° at Hope and Texarkana on the 7th and 8th, and at Centerpoint on the 8th. The lowest was 29° at Dutton on the 30th. The highest occurred in practically all sections during the first decade, the lowest about the 30th.

PRECIPITATION.

The average precipitation for the month of September, as determined from the records of 77 stations, was 3.99 inches which is 0.66 inch above normal. Negative departures were confined principally to the southern border counties from Union westward and from Scott, Polk, and Howard northeastward, positive elsewhere. Monthly totals ranged from 11.10 inches at Brinkley to 0.86 inch at Junction. The greatest amount measured in 24 consecutive hours was 3.22 inches at Bentonville on the 1st and 2d. The average number of rainy days was 7.

OCT 29 1924

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 1st, 21; 2d, 13; 8th, 6; 9th, 1; 12th, 10; 13th, 2; 17th, 6; 18th, 1; 19th, 23; 20th, 4; 21st, 20; 22d, 2; 27th, 7; 28th, 1.

Lunar Halos:- 12th, 1; 27th, 1.

Solar Halos:- 11th, 1; 17th, 1.

Dense Fog:- 3d, 1; 14th, 1; 25th, 1.

Killing Frost:- 30th, Dutton, Gravette.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	29.98	30.35	28	29.52	19	2,937	20	s.	19	.....	.....	74
Fort Smith...	30.01	30.33	22	29.56	19	5,055	33	n.	1	81	56	72
Little Rock	30.02	30.33	30	29.61	19	5,525	48	n.	1	81	61	68
Memphis....	30.07	30.28	22	29.76	19	4,864	50	sw.	19	83	62	67

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more
***Means and Extremes.**	**73.9**		**109**	**28**	**3.33**		**17**	**7**	**6**	**6**
1891.....	73.4	−0.5	102	40	0.94	−2.39	22	6	2	2
1892.....	70.8	−3.1	96	32	2.14	−1.19	23	4	3	3
1893.....	74.0	+0.1	103	36	3.75	+0.42	19	5	6	5
1894.....	73.1	−0.8	100	38	3.56	+0.23	14	8	8	6
1895.....	77.1	+3.2	105	32	1.36	−1.97	19	7	4	4
1896.....	73.3	−0.6	106	35	3.25	−0.08	11	9	10	10
1897.....	76.6	+2.7	108	33	0.60	−2.78	21	7	2	2
1898.....	75.2	+1.3	104	40	7.35	+4.02	15	6	9	8
1899.....	71.9	−2.0	109	28	1.21	−2.12	20	7	3	3
1900.....	78.0	+4.1	104	48	4.25	+0.92	12	12	6	7
1901.....	72.6	−1.3	101	32	3.08	−0.25	18	8	4	4
1902.....	68.4	−5.5	99	30	5.06	+1.73	15	8	7	8
1903	70.7	−3.2	102	34	2.47	−0.86	18	7	5	5
1904.....	75.4	+1.5	101	37	2.46	−0.87	15	9	6	5
1905.....	74.2	+0.3	100	44	3.90	+0.57	16	7	7	8
1906.....	75.7	+1.8	100	47	6.24	+2.91	11	9	10	10
1907	73.9	0.0	106	38	2.22	−1.11	19	8	3	4
1908.....	73.4	−0.5	101	29	4.00	+0.67	13	8	9	7
1909.....	74.7	+0.8	108	31	2.84	−0.49	18	7	5	5
1910.....	76.4	+2.5	101	44	2.41	−0.92	18	8	4	5
1911.....	79.0	+5.1	102	46	3.67	+0.34	18	9	3	6
1912.....	78.5	+4.6	106	32	2.40	−0.93	18	8	4	4
1913.....	71.7	−2.2	108	33	10.10	+6.77	9	9	12	13
1914.....	74.4	+0.5	101	38	3.19	−0.14	16	9	5	5
1915.....	74.9	+1.0	100	34	1.43	−1.90	16	8	6	3
1916.....	72.5	−1.4	102	30	3.40	+0.07	19	6	5	6
1917.....	71.8	−2.1	99	37	1.76	−1.57	18	7	5	4
1918.....	67.3	−6.6	104	29	4.63	+1.30	16	5	9	7
1919.....	74.6	+0.7	108	40	2.72	−0.61	15	8	7	4
1920.....	74.9	+1.0	109	30	3.56	+0.23	17	6	7	6
1921.....	79.6	+5.7	104	35	3.38	+0.05	14	9	7	6
1922.....	76.2	+2.3	106	37	1.25	−2.08	22	5	3	3
1923.....	73.0	−0.9	98	45	5.56	+2.23	12	7	11	9
1924	69.7	−4.1	103	29	3.99	+0.66	17	5	8	7

*Based on 30 years record.

Climatological Data for September, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	70.5[b]	— 3.7	98[g]	8	44[b]	24	46[j]	3.00	— 0.29	0 87	0	4	14[e]	6[e]	5[e]	e.	James Dillard.
Arkadelphia	Clark	250	28								5.50	+2.21	1.25	0	7	15	0	15	n.	F J. Carpenter.
Arkansas City	Desha	145	40								3.56	+0.92	0.91	0	8	20	2	8	w.	Geo. E. Payne.
Arlberg	Stone	700	2								2.90		1.30	0	6	19	2	9	ne.	J. Reeves.
Batesville	Independence	277	25	66.8	— 6.2	90	21	33	30	40	2.38	—1.52	0.85	0	8	13	5	12	n.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	67.8	— 6.6	94	1	35	30	42	2.24	—0.88	0.57	0	7	16	7	7	ne.	J. E. Scanlan.
Bentonville	Benton	1303	19	65.2	— 3.7	91	7	37	30	31	6.77	+3.30	3 22	0	8	19	5	6	n.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22								4.12	+0.88	1.82	0	8	18	2	10		Vernon C. Howe.
Booneville	Logan	465	10	72.7[g]	— 2.9	100[g]	7	38[g]	29	34[g]	3.04	—0.14	0.98	0	7	13[i]	5[i]	3[i]	s.	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	71.8	— 2.8	98	8	40	30	41	11.10	+7.87	2.82	0	11	19	7	4	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	67.2	— 4.6	92	11	34	30	39	2.92	—0.65	1.98	0	8	14	9	7	s.	W. J. Copp.
Camden	Ouachita	158	39	71.0	— 4.4	99	8	40	30	49	5.07	+1.75	1.78	0	9	17	5	8	ne.	A. B. Quarterman.
Center Point	Howard	470	25	73.4	— 3.3	103	8	45	30	40	3.33	—0.34	0.72	0	8	19	3	8	ne.	John C. Floyd.
Clarendon	Monroe	200	20								6.79	+3.19	2.26	0	10	16	3	11	n.	J. W. Bishop.
Clinton	Van Buren	516	3								1.51		0.70	0	5	18	4	8	s.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	68.6	— 6.4	94	1	36	30	36	3.06	—0.45	1.50	0	10	17	4	9	s.	E. E. Cordrey.
Corning	Clay	293	31	66.3	— 6.1	99	1	32	30	46	3.73	+0.01	0.96	0	7	24	1	5	se.	Winfred D. Polk.
Dam No. 1	White	190	2								2.01		1.10	0	3	17	5	8	sw.	J. O. Yingling.
Danville	Yell	327	9								4.76	—1.81	1.35	0	8	18	0	12	e.	C. P. Evans.
Dardanelle	Yell	330	38	72.0[b]	— 2.4	97[b]	1	35[b]	30	47[b]	3.06	—0.23	1.00	0	6	17[h]	0[b]	11[h]	n.	J. D. Riley.
Dumas	Desha	162	18	70.2	— 5.4	98	1	38	30	45	3.72	—0.08	1.57	0	9	18	7	5	n.	Ben Johnson.
Dutton	Madison	1590	21	63.6	— 5.1	88	1†	29	30	41	4.39	+0.29	1.91	0	8	17	8	5	s.	J. M. Ricketts.
El Dorado ††...	Union	270	23	74.6	— 1.8	101	8	42	30	46	2.18	—0.68	1.00	0	10	14	9	7	ne.	J. J. Babb.
England	Lonoke	229	17	69.8	— 5.3	97	1	39	30	44	7.09	+3.37	2.20	0	8	18	8	4	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	66.6	— 5.2	90	7	35	30	35	6.35	+2.39	2.88	0	7	17	9	4	nw.	Geo. W. Nichoalds.
Evening Shade	Sharp		2	67.0		90	11†	38	30	38	2 88		0.90	0	6	17	3	10	s.	C. C. Price.
Fayetteville	Washington	1451	37	66.0	— 6.4	91	8	36	30	34	5.30	+2.12	2.21	0	7	16	3	11	sw.	University of Arkansas.
Fort Smith	Sebastian	481	42	70.9	— 3.1	97	7	44	30	35	3.54	+0.37	2.16	0	7	17	7	6	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38								2.04	—0.40	0.47	0	7	19	3	8		T. J. Logan.
Georgetown	White	200	11								6.65	+2.67	2.95	0	7	18	0	12	e.	W. R. Owens.
Gilbert	Searcy		1								2.88		1.03	0	7	17	5	8	n.	Ben F. Battenfield.
Grannis	Polk	900	6	68.8		96	1†	38	30	43	6.27		2.37	0	8	21	1	8	sw.	W. E. Mc Vay.
Gravette	Benton	1250	27	65.2	— 5.6	88	1	32	30	39	5.60	+2.19	1.82	0	8	18	7	5	ne.	A. F. Stevens.
Harrison	Boone	1052	25																	J. R. Newman.
Heber Springs	Cleburne	485	8																	Claude Jones.
Helena	Phillips	193	52								3.32	—0.11	0.98	0	8	17	3	10	n.	James A. Burnett.
Higden	Cleburne	445	6								2.34		0.81	0	6	16	10	4	n.	J. A. Ingram.
Hope	Hempstead	377	53	74.2	— 1.8	103	7†	49	23	44	4.42	+1.43	1.41	0	8	18	3	9	ne.	N. P. O' Neal.
Hot Springs	Garland	600	33	69.7	— 5.7	96	8	41	30	36	6.58	+3.11	2.08	0	9	19	3	8		P. P. Patraw.
Huttig	Union	175	17	74.6	— 1.6	102	8	44	30	48	3.30	+0.59	1.40	0	5	19	5	6	se.	J. L. Collett.
Jonesboro	Craighead	345	29	69.5	— 4.8	97	1	38	30	41	2.90	—0.59	0.79	0	8	17	7	6	ne	Benedictine Sisters.
Junction	Union	182	30	75.0[b]	— 0.6	100[b]	1	37[b]	30	40[b]	0.86	—1.42	0.86	0	1	15[b]	4[h]	3[h]	n.	J. A. Lowderback.
Lambrook	Phillips	155	2								2.43		1.17	0	4	19	4	7		G. A. Newton.
Little Rock	Pulaski	399	45	69.8	— 4.3	93	1	46	30	30	5.44	+2.18	2.02	0	9	16	6	8	n.	U. S. Weather Bureau.
Lutherville. ‡‡	Johnson	775	27	70.0	— 3.6	98	21	40	30	35	2.53	—0.92	0.89	0	7	18	6	6	ne.	H. Kauffeld.
Magnolia	Columbia	315	6	73.4		100	1	41	30	49	1.30		0.90	0	2	23	3	4	ne	State Agri. School.
Malvern	Hot Springs	277	37	70.4	— 3 9	99	8	40	30	41	8.56	+5 3-	2.90	0	7	20	5	5	ne	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	64.8	— 6.6	90	21	33	30	38	1.80	—1.81	0.41	0	9	14	9	7	n.	F. M. Daniel.
Marianna	Lee	235	16	69.5	— 3.5	95	1†	41	30	40	4.98	+1.74	1 72	0	6	11	11	8	ne.	C. N. Houck.
Marked Tree	Poinsett	229	19	67.3		91	20	36	30	38	5.22	+2.78	1.61	0	7	12	11	7	s.	Charles Walton.
Marshall	Searcy	1070	10	67.1		91	9	31	30	41	2.61	—1.27	0.91	0	6	18	4	8	se.	A. J. Park.
Mena	Polk	1185	38	69.8	— 4.0	99	1	40	30	42	3.46	—0.13	1.00	0	9	18	5	7	sw.	E. W. St. John.
Morrillton	Conway	347	3	71.7		94	1†	44	29†	35	4.80		2.10	0	7	17	5	8		Henry Harless.
Mountain Home	Baxter	800	11	64.0[j]		90[j]	21	32[j]	30	37[j]	4.56	+0.50	1.78	0	5	11[j]	1[j]	8[j]	n.	B. S. Halbert.
Mountain View	Stone		1																	John W. Webb.
Mount Ida	Montgomery	730	25																	G. A. Whittington.
Murfreesboro	Pike	367	8								3 04	+0.29	0.91	0	7	14	9	7		Henry A. Davis.
Nail	Newton	2233	28	63.3	— 6.6	86	1	37	30	28	4.05	—0.38	1.25	0	7	15	4	11	s.	Charles Paxton.
Newport	Jackson	231	40	71.6	— 2.2	98	1	40	3	49	1.34	—2.41	0.34	0	6	23	1	6	se.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	63.4[j]	— 5.1	90[b]	1	38[b]	30	39[c]	3.26	—0.60	1.10	0	6	15[b]	3[b]	10[h]	s.	Mrs. Josephine Morriss
Ozark	Franklin	450	28	71.4	— 4.7	99	7	40	30	39	2.11	—0.88	0.61	0	6	17	5	8	nw.	Isham Burrow.
Ozark Beach Mo	Taney	650	1								5.00		2.29	0	7					S. E. Guard.
Patterson	Woodruff	196	8								3.95	+1.19	1.50	0	6	16	0	14	n.	W. E Baker
Piggott	Clay	397	1								5.48		2 21	0	8	15	7	8	ne	H. H. Harlan
Pindall	Searcy	1500	3								2.37		0.80	0	8	17	3	10	se.	W. W. Wood.
Pine Bluff	Jefferson	215	37	73.2	+ 0.1	102	7	48	30	40	5.52	+1.91	1.95	0	9	17	1	12	s.	Miss Theresa Scheu
Pocahontas	Randolph	300	30	69.0	— 5.8	96	1	38	30	40	3.78	+0.20	1.10	0	9	14	12	4	n	Benedicitine Sisters
Portland	Ashley	122	18	72.8	— 3.6	97	1	42	30	43	1.93	—0.82	0.68	0	6	16	9	5	n.	W. E. Edmiston.
Prescott	Nevada	329	36	72.6	— 3.2	100	8	44	30	44	5.42	+2.44	2.05	0	11	21	4	5	n.	O. J. Stephenson.
Princetown	Dallas	287	18								5.05	+1.72	2.30	0	6	18	0	12	ne.	Foote Coleman.
Rison	Cleveland	243	23	72.0	— 3.8	100	8	40	30	46	5.95	+2.58	1.21	0	9	19	7	4	ne.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	65.0	— 6.1	90	7	35	30	34	6.14	+2.64	3.03	0	7	15	4	11	sw.	Carl A. Starck.
Searcy	White	236	11	68.6	— 4.8	94	1	34	30	41	1.75	—1.54	0.50	0	10	19	9	2	s.	J. T. Bell.
Snow Lake	Arkansas	185	2																	J. L. Britt.
Springbank ‡‡	Miller	240	17								2.90	—0.40	0.97	0	7	22	0	8		Miss Grace Field.
Stuttgart	Arkansas	228	37	71.2	— 3.6	98	8	41	30	41	5.17	+1.73	1.80	0	7	16	10	4	n.	Adam F. Buerkle.
Subiaco	Logan	1050	27	71.8	— 1 8	101	1†	41	30	37	3.51	+0.27	0.92	0	8	22	4	4	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	75.4	— 1.4	103	7†	47	29	45	2.41	—0.32	0.52	0	8	19	2	9	n.	H. S. Brashear.
Waldron	Scott	675	6								3.30		1.22	0	6	16	2	12	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	73 0	— 3.0	99	8	43	30	42	3.14	—1.04	1.35	0	5	23	2	5	n.	W. L. Shide.
Whitecliffs	Little River		20								3.13	+0.74	0.72	0	6	17	3	10	ne.	Nannie O. Schirmer
Wynne	Cross	250	18	69 4	— 4.4	93	1†	37	30	37	6.11	+2.68	2.10	0	7	17	3	10	n.	E. O. Allen.
State Means and Extremes				69.7	— 4.2	103	7†	29	30	49	3.99	+0.66	3.22	0	7	17	5	8	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville R.F.D. No.2, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for September, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita	.59											.67						.87									.87					3.00
rkadelphia	Ouachita		1.05											.85					.70	.40			.40		.85				1.25				5.50
rkansas City	Mississippi			.10						.12				.73	.91				.80	.30		.28	.32										3.56
rlberg	White	.65	.30										.20						.25	1.30		.20											2.90
atesville	White	.29	.85							T.			.01	.16				.01	.32	.12	.28		.35					.16					2.55
ee Branch	Arkansas	.30	.57										.20						.25	.40		.40				T.			.12				2.24
entonville ***	Arkansas	3.21	.01										.02					.01	.07	2.40		.46					.59						6.77
lack Rock	White	.42	1.02										.01	.21					.14	.29	1.82	T.	.21				T.		T.				4.12
ooneville	Arkansas	.04	.90										.98	.04				.23		.30		.55											3.04
rinkley	White	.71	.76											2.82	.18				.35	2.12	1.68	.22	2.15					.08	.03				11.10
alico Rock	White	.02	1.98							T.			.25	.08					.15	T	.25		.13			T.		.06					2.92
amden	Ouachita		.54										.16	1.67	.11				.22	.17			1.78				.34	.08					5.07
enter Point	Red		.62					.10				.42	.29				.10	.57			.51						.72						3.33
larendon	White	.02	.42						T.					2.26	.12			T.	.48	1.80	.02	.42	1.23						T.	.02			6.79
linton	White	T.	.70										T.						.38	.22		.09				T.		.12					1.51
onway	Arkansas	.05	1.50										.28	.08					.52	.12	.03	.28				.03		.17					3.06
orning	White	.30	.80										.47						.07	.87	.96	.26											3.73
am No. 1	White	1.10											.26						.65														2.10
anville	Arkansas	.82	1.35										.62	.08					.25		.62		.50					.52					4.76
ardanelle	Arkansas		1.00										.67	.09					.30		.64		.36										3.06
uglas	Arkansas		T.						.32				.03	1.57				.55	.30	.15	.20	.35	.25										3.72
utton	White	.12	.26						T				.43					T.	.19	1.91	.02	.84					.62						4.39
l Dorado	Ouachita	T.	.05							.04				.20	.10				.60	.04		.03	1.00					.10		.02				2.18
ngland	Arkansas		.92										1.35	2.20				.18	.46	.51		1.33	.14										7.09
ureka Springs	White	.75	.90										.07							2.88	.07	.65					1.03						6.35
vening Shade	White	.90	.68										.16						.28	.46		.40											2.88
ayetteville	White	1.23	.37										.15						.12	2.21		.91					.31						5.30
ort Smith ***	Arkansas	.09											.35					.12	.02	2.16		.28					.52						5.54
alcon	Red	T.	.47										.18	.43					.46	.22			.24					.04					2.04
eorgetown	White		2.95											1.35	.15				.25	.45	.70		.80										6.65
ilbert	White	1.03											.35	.33					.10	.42		.62					.03						2.88
ravette	Arkansas	.61	1.20						.02				2.37	.12				.78	.35	.04		1.18					.36						6.27
rannis	Red		1.17										.02						.30	1.82		.81					.82						5.60
arrison	White																																
elena	Mississippi	.02	.26	T.										.20	.98				.36	.82		.02	.66										3.32
igden	White	.81											.18					.25		.40		.62					.08						2.34
ope	Red		.57						.03				.57	.08				.39	.47			.90					1.41						4.42
ot Springs	Ouachita		1.90										.81	.33				.09	.79	.10		.48				T.	1.85	.23					6.58
unt	Ouachita									.10				.30					1.30	.20			1.40										3.30
onesboro	White	.15	.79										.46	.26					31	.43		.46	.04										2.90
unction	Ouachita		T.																		T.	.86					T.						0.86
ock	White								.08					1.17					.36			.82											2.43
Little Rock	Arkansas	1.72	.30										.73	.14				.30	.67	.22		1.28				T.	T.	.09					5.44
utherville	Arkansas	.02	.76										.89						15	.24		.40						.07					2.53
agnolia	Red																	.40									.90						1.30
alvern	Ouachita	1.19	2.90											.80					.33	.35		.59						2.40					8.56
ammoth Spring	White	.41	.38										.01	.21					.20	.04	.11	.30						.14					1.80
arianna	Mississippi	1.72											.16	.65					.64	.89		.92											4.98
arked Tree	Mississippi		1.27											1.03	.27				.15	.36	.53		1.61										5.22
arshall	White	.02	.91										.40						.18	.6		.50											2.61
eta	Ouachita	.09	.81										1.00	.20					.37	.02	.19		.38					.40					3.46
orrilton	Arkansas	.70	2.10										.50					.30		.70		.40					.10					4.80
ountain Home	White	1.78	.64																.23	.56		1.35					T.						4.56
t. View	White																			.08													
ount Ida	Ouachita												.11	.51					.51	.40		T.	.13				.91						.04
urfreesboro	Ouachita		.47										.60					T.	.30	.50		1.25					.10						4.05
eal	White	.3	1.00											.33					.34	16			.26										1.34
ewport	White	.23	.57											.29					T	.39	.42		1.05										3.26
sceola	Mississippi	.10	1.10										.30					T.	.18	.40		.61					.34						2.11
ark	Arkansas	.28											.07						.13	.46	2.29		.26					.85					5.00
zark Beach, Mo.	White	1.06												1.50					.45	.20	.20		.80										3.95
atterson	White	.80											.34	.09					.10	.39	1.70	.55											5.48
iggott	St. Francis	2.21	.10										.32						.68	.38		.89					.06	.04					2.37
indall	White	.06	.63										.14	1.95	.07				.45	1.15		.63	1.08										5.52
ine Bluff	Arkansas	T.	.60	T.						.05			.30	.10					.15	.30	.75	.12						.03					2.78
ocahontas	White	1.10	.93											.29	.31				.68	.27		.35											1.93
ortland	Ouachita		.03										.05	.60	.03				.72	.16		2.05						.56					5.42
rescott	Ouachita	.06	1.15	.02						.02				2.30	.11				.22			.56						.16					5.05
rinceton	Ouachita		1.70										.39	1.19	.19				.46	1.01		.03	.99										5.95
ison	Ouachita		.48						1.21				T.					T.	.02	3.08	.10	.62					.56						6.14
ogers	Arkansas	1.03	.78						T.				.10	.15					.25	.10	.25	.10	.15					.10					1.75
earcy	White	.05	.50										.18	.13	T.			.50	.95				.97					.07					2.90
pringbank	Red		.10											1.58				.22	.50	1.80	.02		.63						.07				5.17
uttgart	Arkansas		.35										.92	.10				T.	.24	.35		.80					.13						3.51
ubinco	Arkansas	.32	.65										.10	.35	.35				.42	.55		.52						.07					2.41
exarkana	Red		.25															.24		.43		1.22					.21						3.30
aldron	Arkansas	.64	.56										.40	.30				1.35	.22			.87						.40					3.14
arren	Ouachita		T.							T.				.60					.61	.30	T.		.50										3.13
hitecliffs	Red		.72											2.10	.20				.20	.94	.14		1.42										6.11
ynne	Mississippi		1.11																														

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. h measured in the morning. T. Trace, or less than 0.01 inch

Daily River Stages for September, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.5	6.0	5.6	5.6	5.5	5.4	5.5	5.5	5.4	5.2	5.2	5.0	5.0	4.7	4.6	4.5	4.4	4.4	4.4	7.4	9.2	9.0	11.5	11.9	11.6	10.0	8.7	7.8	7.4	7.5	....
Dardanelle	do	20	3.7	3.6	3.1	3.0	2.9	2.8	2.9	3.2	3.6	3.3	3.0	2.8	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.9	2.3	5.6	5.8	7.7	8.8	8.9	7.5	6.0	5.0	4.6	....
Little Rock	do	25	2.6	3.1	1.8	1.5	1.0	0.8	0.7	0.7	0.9	1.0	1.2	1.3	1.0	0.5	0.3	0.1	-0.4	-0.5	-0.6	-0.6	-0.6	-0.6	0.7	3.1	4.0	6.5	7.1	6.1	4.6	3.4	....
Pine Bluff	do	25	6.9	6.9	6.6	6.1	5.7	5.3	4.9	4.7	4.7	4.8	4.9	4.9	5.1	4.7	4.5	4.3	4.0	4.0	3.9	3.6	3.5	3.9	3.7	4.9	7.2	8.7	10.8	10.9	10.0	8.7	....
Black Rock	Black	14	3.5	3.9	5.6	4.0	3.0	3.0	3.0	2.8	2.8	2.5	2.5	2.1	2.4	2.4	2.3	2.3	2.3	2.3	2.3	3.4	2.7	2.7	3.1	2.8	2.6	2.5	2.5	3.2	3.2	3.2	....
Calico Rock	White	18	1.2	1.7	1.2	1.6	1.4	1.3	1.2	1.2	1.1	1.1	1.0	0.5	0.8	0.5	0.6	0.9	0.2	0.1	0.2	0.4	1.6	4.2	4.2	3.6	3.0	2.4	1.6	1.8	1.6	1.2	....
Batesville	do	23	6.3	7.0	7.0	6.4	6.5	6.3	6.2	6.1	6.1	6.0	5.4	5.8	5.7	5.6	5.3	5.5	5.7	5.2	5.1	5.5	5.1	7.9	9.2	9.5	8.8	8.2	7.5	7.1	7.0	6.7	....
Newport	do	26	3.2	3.4	3.8	3.8	3.5	3.2	3.1	3.1	3.0	3.0	3.1	2.4	2.6	2.8	2.8	2.5	2.5	2.9	2.8	2.0	1.5	2.5	4.5	5.0	5.2	4.8	4.0	3.8	3.8	3.5	....
Georgetown	do	22	4.0	4.0	3.8	3.8	4.0	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.3	2.1	2.2	2.0	1.8	1.8	1.6	1.8	2.6	3.0	4.0	5.2	5.6	5.4	4.6	4.2	....
Clarendon	do	39	11.8	11.4	11.0	10.8	10.7	10.8	10.8	10.7	10.5	10.3	10.1	9.9	9.9	9.9	9.9	9.6	9.4	9.2	9.0	9.1	9.0	9.0	9.2	9.5	9.6	9.9	10.6	11.3	11.8	11.9	11.7	....
Helena	Mississippi	42	16.6	17.5	18.2	18.5	18.5	18.3	17.7	16.9	16.0	15.0	14.0	13.2	12.7	12.2	11.7	11.2	10.7	10.1	10.1	9.8	9.5	9.2	9.2	9.6	10.2	10.6	10.6	10.4	10.1	10.1	....
Arkansas City	do	48	18.7	19.0	20.3	21.3	21.7	21.8	21.5	21.2	20.5	20.0	19.2	18.1	17.3	16.0	15.2	14.9	14.4	14.1	13.7	13.4	13.0	12.7	12.4	12.0	12.2	12.6	13.3	14.1	14.5	14.6	....
Camden	Ouachita	49	1.6	1.5	1.3	1.3	3.0	3.6	3.5	3.4	3.2	2.6	1.8	1.7	1.7	2.0	2....	2.3	2.1	2.6	2.1	2.3	2.3	2.4	2.6	5.8	5.0	4.7	4.4	5.0	4.7	5.3	....
Danville	Petit Jean	20	1.7	1.9	1.8	1.5	1.4	1.2	1.0	1.0	0.9	0.9	0.8	0.8	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	1.0	1.0	1.5	1.2	1.2	1.1	1.1	1.0	1.0	0.9	....
Fulton	Red	28	6.9	6.9	6.9	6.9	6.8	7.6	7.5	7.6	7.0	6.8	7.0	7.0	7.1	6.9	6.8	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.8	7.0	6.9	....
Arkadelphia	Ouachita	18	0.0	0.0	0.9	1.0	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	2.5	1.7	0.8	0.5	0.5	0.2	0.5	0.5	1.1	....
Patterson	Cache	9	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	4.2	4.2	4.2	4.2	4.2	4.3	4.4	4.8	....

Correction July 1924 Newport, Ark. Precipitation 18th should be 0.32. Monthly total 2.43 Number of rainy days 5

Daily Temperatures for September, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	97	87	79	83	88	85	97	98	83	84	....	....	72	81	86	92	80	67	85	91	....	....	77	79	83	82	85	....	....	....	....	84.4
	Minimum	68	65	53	49	49	53	51	63	53	55	....	....	....	57	53	52	60	63	66	....	59	....	....	44	59	63	54	57	....	....	....	56.6
Batesville§§	Maximum	85	74	78	81	83	78	88	87	80	77	89	71	75	84	85	86	78	71	80	90	89	77	78	80	79	80	82	69	68	66	....	79.6
	Minimum	67	64	50	48	55	48	50	61	50	44	49	65	63	47	50	51	57	61	63	71	73	50	46	45	49	56	61	53	41	33	....	54.0
Bee Branch	Maximum	94	85	80	85	85	82	92	90	83	84	89	84	76	84	86	87	81	72	76	90	90	78	80	81	81	83	81	70	69	69	....	82.2
	Minimum	67	60	51	48	55	50	50	60	50	48	50	61	58	48	54	52	57	59	61	65	67	48	45	46	55	55	60	49	42	35	....	53.5
Bentonville	Maximum	87	72	75	82	77	81	91	74	76	80	87	68	78	80	82	78	65	71	77	83	82	72	76	76	78	78	67	64	62	65	....	76.2
	Minimum	66	55	51	52	57	55	60	55	51	55	64	56	50	50	60	58	59	60	64	72	54	46	48	49	53	63	46	41	43	37	....	54.3
Booneville	Maximum	99	90	83	87	91	85	100	93	85	85	84	83	72	82	85	87	81	83	85	87	86	....	....	....	....	....	....	....	....	60	66	....	84.3
	Minimum	75	68	57	57	61	61	66	75	59	58	65	60	60	54	61	66	60	61	65	70	61	....	....	....	....	....	....	....	....	38	48	....	61.1
Brinkley	Maximum	95	86	81	86	87	85	95	98	90	84	92	78	71	83	85	88	79	71	87	91	91	76	78	83	81	80	85	75	68	68	....	83.2
	Minimum	70	67	54	52	59	52	54	70	58	48	56	70	67	57	57	55	60	65	68	74	76	57	52	52	67	59	56	55	47	40	....	59.5
Calico Rock§§	Maximum	81	77	79	83	81	80	91	83	83	82	92	82	82	84	85	86	77	71	77	90	89	76	80	81	80	83	81	68	66	67	..	80.6
	Minimum	68	62	51	52	54	51	52	59	49	55	54	57	59	49	52	53	54	60	62	67	70	46	46	46	47	54	59	51	38	34	....	53.7
Camden§§	Maximum	96	77	81	85	92	85	98	99	85	86	93	74	71	83	86	88	81	77	91	95	94	75	78	81	84	86	86	70	71	69	....	83.9
	Minimum	71	70	56	50	51	56	49	51	61	52	52	61	66	63	56	54	61	64	65	71	76	64	50	50	56	62	61	55	46	40	....	58.0
Center Point	Maximum	100	90	83	88	96	85	100	103	86	85	92	84	72	85	87	92	80	69	84	92	92	76	79	80	82	84	84	71	73	74	....	84.9
	Minimum	72	68	58	59	60	61	60	69	60	60	65	68	66	59	61	63	65	63	67	75	68	60	53	56	61	63	61	55	57	45	....	61.9
Conway	Maximum	94	74	81	83	87	81	91	87	86	78	89	79	73	84	86	88	77	69	80	91	92	78	81	81	82	83	83	72	71	71	....	81.7
	Minimum	65	60	53	51	57	52	53	57	54	48	53	64	64	50	53	53	60	64	65	65	70	55	48	47	57	59	58	55	43	36	....	55.6
Corning	Maximum	99	86	89	86	83	81	88	76	79	75	81	81	77	86	85	80	86	80	82	91	87	78	68	86	77	80	81	76	60	64	....	80.9
	Minimum	53	52	48	46	46	53	47	46	45	39	60	70	63	49	51	56	59	62	63	67	63	46	46	45	50	52	64	41	38	32	....	51.7
Dardanelle	Maximum	97	92	88	89	84	82	87	89	89	88	89	91	84	84	84	92	92	89	84	90	94	89	82	80	88	86	84	....	....	82	....	87.5
	Minimum	72	60	57	55	56	53	54	57	60	55	56	61	59	55	52	53	62	57	60	61	64	55	50	49	57	62	58	....	....	35	....	56.6
Dumas	Maximum	98	84	83	84	89	82	95	92	82	85	90	81	75	80	85	86	83	78	89	95	93	74	76	80	82	81	82	75	69	68	....	83.2
	Minimum	71	65	53	48	50	52	50	63	55	49	53	66	66	64	52	53	60	65	68	70	61	62	48	49	65	58	60	57	45	38	....	57.2
Dutton	Maximum	88	74	77	83	82	78	88	84	80	77	85	76	80	82	81	79	78	67	73	81	85	72	76	76	72	71	73	66	66	64	....	77.1
	Minimum	63	58	45	42	49	47	51	53	45	48	52	59	54	41	49	49	67	58	61	70	59	43	39	39	47	55	52	42	36	29	....	50.1
El Dorado	Maximum	98	92	80	87	94	88	100	101	94	89	94	89	84	96	95	97	90	80	94	99	97	77	79	84	88	90	89	72	71	71	....	88.6
	Minimum	72	55	55	74	54	60	54	72	59	55	57	65	66	62	59	57	64	64	68	76	73	64	60	52	62	64	60	58	46	42	....	60.6
England	Maximum	97	89	80	84	87	83	93	96	84	83	91	77	70	84	85	88	78	72	81	93	92	70	79	82	82	85	84	75	71	67	....	82.7
	Minimum	69	66	55	50	55	51	49	64	55	48	52	64	65	57	55	54	60	63	67	74	68	57	49	50	59	58	58	55	44	39	....	57.0
Eureka Springs	Maximum	87	78	79	84	81	81	90	80	81	81	85	76	83	85	86	78	76	75	78	84	83	76	79	81	80	78	68	68	65	68	....	79.1
	Minimum	67	57	49	52	60	52	62	56	49	50	64	55	51	50	55	60	57	59	61	70	62	48	46	49	52	60	51	41	41	35	....	54.0
Evening Shade	Maximum	79	77	78	82	82	78	88	87	79	75	90	82	79	83	83	87	87	78	89	90	76	79	78	77	77	77	82	75	68	70	....	80.3
	Minimum	68	62	51	49	57	48	50	62	51	44	54	56	56	47	51	52	60	61	65	69	65	48	48	46	50	56	59	52	40	38	....	53.8
Fayetteville	Maximum	89	74	76	78	83	81	89	91	75	79	82	86	78	82	81	84	74	74	78	82	82	68	76	80	78	78	71	65	63	58	....	77.8
	Minimum	68	59	50	49	51	59	61	62	51	55	59	62	53	49	48	52	57	58	62	72	61	46	45	46	48	66	53	44	43	36	....	54.2
Fort Smith	Maximum	93	76	80	85	88	84	97	88	83	84	92	80	80	82	86	87	71	73	85	89	87	77	79	78	82	83	70	69	67	67	....	81.4
	Minimum	70	64	58	57	63	62	62	65	59	61	62	66	66	57	63	62	63	64	67	74	63	54	53	55	57	66	54	49	51	44	....	60.4
Grannis	Maximum	96	87	82	85	91	85	95	91	88	84	90	88	72	81	84	85	75	75	82	88	88	73	76	76	80	77	75	68	68	70	....	81.9
	Minimum	65	54	54	50	54	67	53	61	54	57	56	56	62	54	56	55	60	59	62	66	58	55	49	49	53	62	57	50	44	38	....	55.7
Gravette	Maximum	88	80	74	87	78	81	90	81	77	75	86	80	79	82	82	79	70	72	78	84	81	72	76	72	79	78	73	64	64	65	....	77.7
	Minimum	68	59	47	63	55	54	64	58	48	54	66	55	40	43	54	54	53	68	62	63	61	40	43	45	45	61	52	38	38	32	....	52.8
Hope	Maximum	102	85	90	92	97	90	103	103	82	93	98	80	71	85	88	87	85	74	94	101	99	80	79	89	87	90	94	74	75	75	....	88.1
	Minimum	72	69	56	55	55	59	59	62	60	57	61	63	63	60	57	57	65	65	68	75	70	61	49	50	50	63	64	57	55	54	....	60.4
Hot Springs	Maximum	94	84	79	84	87	80	91	96	85	80	88	75	70	81	85	86	73	67	84	91	90	75	75	80	81	91	80	70	69	70	....	81.0
	Minimum	69	64	55	52	57	58	55	65	55	57	58	68	65	57	56	56	64	63	67	71	69	56	48	50	56	63	60	53	45	41	....	58.4
Huttig	Maximum	100	97	84	87	95	94	99	102	98	88	93	92	85	82	88	90	94	85	95	98	96	92	78	83	86	86	84	84	84	69	....	89.6
	Minimum	71	73	57	52	51	59	51	61	61	52	52	72	65	67	60	60	55	65	68	75	75	65	50	52	62	61	59	48	48	44	....	59.7
Jonesboro	Maximum	97	93	84	83	80	76	93	91	87	76	91	85	81	79	80	85	77	77	85	92	90	80	75	77	80	76	85	74	65	64	....	81.9
	Minimum	70	64	53	52	60	53	52	65	54	49	53	65	62	54	58	55	59	56	65	74	70	58	51	50	58	56	64	54	45	38	....	57.1
Junction	Maximum	100	88	87	92	95	97	101	103	90	....	....	....	....	....	....	....	....	....	90	93	97	99	80	77	81	90	91	92	78	72	71	...	89.3
	Minimum	72	67	57	52	54	60	67	72	67	....	....	....	....	....	....	....	....	....	62	65	67	68	63	54	60	64	65	67	49	47	37	....	60.7
Little Rock	Maximum	93	73	77	81	84	80	91	92	80	80	88	70	70	80	83	84	74	68	83	90	89	73	77	78	80	80	80	67	67	66	....	79.3
	Minimum	67	65	59	57	60	58	61	64	59	54	62	66	63	58	60	62	62	64	68	75	67	58	55	56	63	61	56	55	49	46	....	60.3
Lutherville	Maximum	95	79	80	86	84	80	93	92	83	80	89	80	80	84	85	84	79	70	75	89	98	74	77	79	79	78	73	68	69	70	....	81.1
	Minimum	70	64	56	54	63	59	58	67	56	56	59	61	62	56	60	58	66	61	64	70	70	53	52	54	60	63	56	52	46	40	....	58.9
Magnolia	Maximum	100	95	87	85	85	92	95	96	93	90	88	92	91	90	94	92	95	88	92	93	92	94	92	96	87	92	98	84	68	70	....	89.9
	Minimum	71	70	69	56	51	52	49	50	56	55	57	55	59	60	62	65	66	64	69	64	60	55	54	50	48	47	49	55	47	41	....	56.9
Malvern	Maximum	95	88	81	85	89	81	93	99	83	82	89	81	72	83	85	87	79	70	87	93	92	76	79	80	83	83	83	72	72	71	....	83.1
	Minimum	69	67	55	52	54	55	52	62	55	52	52	67	67	57	58	54	62	63	65	72	71	55	49	48	56	61	59	55	45	40	....	57.7
Mammoth Spg.§§	Maximum	79	72	76	79	77	75	86	82	75	74	88	69	80	81	82	79	76	70	78	87	90	75	77	78	71	76	76	65	62	64	....	76.6
	Minimum	68	61	50	48	52	48	49	62	49	47	50	57	58	51	52	54	56	58	59	68	72	46	46	45	51	54	59	49	39	33	....	53.0
Marianna	Maximum	95	75	77	81	82	78	94	95	86	77	86	81	74	80	81	82	78	75	85	89	88	89	74	78	75	74	80	79	63	63	....	80.5
	Minimum	71	68	56	53	57	55	56	55	57	50	56	63	67	57	58	55	61	65	69	77	58	59	50	51	65	58	65	59	45	41	....	58.5
Marked Tree §§	Maximum	74	78	83	82	80	90	90	78	77	88	78	72	82	84	86	79	71	84	90	91	75	78	81	80	74	84	68	67	64	73	....	79.4
	Minimum	69	55	54	54	51	53	55	55	48	50	66	66	56	55	53	55	60	64	70	74	55	49	49	51	56	57	56	44	39	36	....	55.2
Marshall	Maximum	74	76	74	72	76	82	81	79	91	89	85	87	84	81	83	83	74	72	75	86	88	75	76	77	78	79	77	67	76	65	....	78.7
	Minimum	71	70	68	62	52	47	57	49	58	48	49	62	75	46	50	58	60	62	64	75	64	45	44	44	50	63	57	49	37	31	....	55.5
Mena	Maximum	99	85	79	83	88	84	98	96	83	88	94	84	71	81	84	87	75	67	82	89	90	72	75	77	84	82	74	67	68	71	....	81.9
	Minimum	68	66	54	50	59	60	56	68	57	57	61	65	65	55	56	55	62	61	64	74	63	54	47	48	54	57	57	51	45	40	....	57.6
Morrilton	Maximum	94	84	86	83	88	85	92	94	89	79	88	82	75	83	83	90	91	74	80	89	89	77	79	80	80	79	81	72	81	69	....	83.2
	Minimum	71	66	57	56	61	56	71	65	54	57	58	65	53	72	57	56	61	64	67	77	71	55	52	52	57	61	65	60	44	44	....	60.2
Mt. Home	Maximum	86	86	76	83	....	....	....	....	....	....	....	....	....	....	....	....	82	83	73	74	74	80	90	74	76	78	76	82	76	67	67	....	77.8
	Minimum	63	58	48	46	....	....	....	....	....	....	....	....	....	....	....	48	51	53	57	60	64	60	41	42	43	49	53	53	44	37	32	....	50.1
Nail	Maximum	86	71	70	76	80	75	85	80	70	70	80	78	79	79	80	79	77	63	78	76	75	65	70	74	72	70	69	68	67	65	....	74.2
	Minimum	66	55	49	54	54	53	60	57	51	52	60	55	56	56	55	54	52	57	57	57	56	46	45	46	52	53	47	40	40	37	....	52.4
Newport	Maximum	98	92	89	85	84	84	85	93	93	90	86	89	80	75	85	87	90	80	73	85	85	91	79	80	83	82	80	70	74	69	....	83.6
	Minimum	66	58	40	65	64	50	65	68	68	64	62	65	63	61	64	62	68	52	58	68	67	65	55	58	53	59	48	50	52	50	....	59.6
Osceola	Maximum	90	82	76	81	80	70	78	87	86	82	85	91	....	....	81	81	79	69	84	89	89	73	76	78	77	71	79	66	66	64	....	78.9
	Minimum	62	63	62	53	51	51	55	50	50	51	46	67	67	....	....	55	60	62	68	76	77	55	49	51	65	63	62	65	45	38	....	57.8
Ozark	Maximum	90	92	87	86	90	82	99	95	93	81	93	85	81	86	81	88	74	73	82	88	87	78	82	80	80	86	75	70	70	70	....	83.5
	Minimum	70	71	69	54	59	60	63	63	54	60	65	66	65	57	66	59	60	63	67	72	67	50	49	49	55	66	60	47	45	40	....	59.2
Pine Bluff	Maximum	97	89	83	86	90	87	102	101	88	87	96	78	71	84	87	97	79	76	90	96	95	76	80	85	85	86	86	70	72	70	....	85.5
	Minimum	73	69	58	54	57	58	54	71	59	54	56	68	66	60	60	58	68	65	67	69	71	60	54	54	68	61	61	56	50	48	....	60.9
Pocahontas	Maximum	96	80	81	82	83	80	88	87	80	77	87	82	78	85	88	84	81	75	81	90	90	88	82	82	78	79	82	78	71	66	....	81.9
	Minimum	68	63	54	52	59	50	50	63	54	47	53	64	60	52	55	54	58	60	64	68	73	48	49	51	55	55	65	53	45	38	....	56.0
Portland	Maximum	97	91	84	88	95	86	95	95	91	82	90	91	76	82	85	87	87	83	91	94	92	86	76	80	81	82	82	75	70	69	....	85.4
	Minimum	70	72	57	54	52	57	52	65	59	52	56	68	67	66	59	57	59	64	68	76	73	65	51	52	64	59	58	60	48	42	....	60.1
Prescott	Maximum	99	92	80	85	92	83	98	100	84	85	91	84	71	83	86	91	81	73	91	96	94	75	78	81	84	86	85	71	72	72	....	84.9
	Minimum	71	68	58	55	57	59	54	70	59	57	57	68	66	60	60	57	64	64	66	76	71	61	52	52	57	63	61	56	49	44	....	60.4
Rison	Maximum	98	91	81	85	90	84	98	100	91	83	92	82	74	84	86	89	81	76	89	94	91	83	78	82	83	83	83	78	69	67	....	84.8
	Minimum	72	68	56	52	56	55	52	70	58	53	58	65	65	61	56	56	64	64	66	75	74	60	50	53	62	61	58	55	45	40	....	59.3
Rogers	Maximum	85	75	75	82	77	77	90	78	76	79	84	79	78	79	80	78	69	71	78	82	81	72	75	76	76	76	72	65	63	67	....	76.5
	Minimum	65	59	48	48	56	52	60	62	48	53	64	56	52	47	55	55	59	60	62	67	63	44	46	45	48	64	53	38	42	35	....	53.5
Searcy	Maximum	94	77	80	83	85	82	92	92	83	80	92	87	71	84	86	88	80	74	82	91	93	89	81	81	68	70	72	68	69	67	....	81.4
	Minimum	69	64	55	50	55	50	51	61	54	50	51	62	64	52	53	53	60	63	65	70	71	54	47	51	58	55	58	45	45	34	....	55.7
Stuttgart	Maximum	95	79	79	83	86	81	95	98	82	81	90	73	72	82	85	87	78	74	83	89	92	86	76	79	79	80	84	73	69	76	....	82.1
	Minimum	70	66	54	52	54	53	54	60	55	48	57	67	67	58	55	55	72	64	69	72	77	74	58	56	61	65	66	56	53	41	....	60.3
Subiaco	Maximum	101	79	84	89	91	84	101	96	87	84	96	86	81	85	86	90	80	74	84	92	91	78	82	81	83	84	81	75	76	71	....	85.1
	Minimum	70	64	56	54	61	58	67	68	56	57	59	66	63	53	59	58	61	62	65	69	63	51	51	50	55	64	58	51	48	41	....	58.6
Texarkana	Maximum	101	91	87	91	99	92	103	103	93	93	96	86	75	88	92	92	82	77	91	95	93	80	82	85	88	90	88	76	77	75	....	88.7
	Minimum	73	70	63	60	55	59	58	70	65	59	60	70	69	65	60	60	65	64	70	71	72	64	54	53	54	60	65	57	47	49	....	62.0
Warren	Maximum	97	92	82	84	90	86	95	99	93	84	91	88	75	82	85	88	85	79	91	93	92	89	76	80	82	83	82	78	69	66	....	85.2
	Minimum	74	70	56	55	54	58	58	70	59	52	58	67	67	60	58	57	64	65	69	76	75	64	51	52	64	62	64	58	47	43	....	60.7
Wynne	Maximum	93	76	81	84	86	82	92	93	82	80	90	77	72	82	85	85	78	72	84	90	88	75	78	79	80	75	84	75	68	65	....	81.0
	Minimum	71	66	52	50	55	53	55	62	54	47	56	67	67	57	56	54	60	64	67	72	73	57	48	50	60	57	67	55	42	37	....	57.7

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

551.5
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXVIII. LITTLE ROCK, ARK., OCTOBER, 1924. No. 10.

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GENERAL SUMMARY.

The outstanding characteristic of the weather in Arkansas during October, 1924, was the dry weather. The average rainfall for the State was only 0.29 inch which is the least monthly average since state wide records have been kept, not only for the month of October, but for any month of the year. The nearest approach to this record was 0.47 inch during November, 1910, while the driest previous October was in 1908 when the average was 0.48 inch. During October, 1924, there were 3 stations reporting no rain, 9 a trace, and only 7 as much as an inch. Rain fell on an average of 1 day during the month, the 31st in most sections. The dry weather was favorable for harvesting all crops, especially for picking cotton and the close of the month found this work practically completed in southern counties and nearing completion in northern. It was too dry for fall plowing and but little has been done. The dry weather greatly increased the fire hazard.

Temperatures were somewhat below normal during the first 3 days of the month and also from the 22d to the 26th, above during the remainder. Heavy to killing frosts occurred over most of the State the 23d and 24th, but damage was negligible as all crops were matured. All streams were at low stage, the Arkansas at Little Rock being lower than during September. No destructive wind or hail storms were reported.

W. C. H.

TEMPERATURE.

The mean temperature for the month of October, as determined from the records of 50 stations, was 64.9° which is 2.6° above normal. Only 2 stations, Dardanelle and Dumas, recorded a mean temperature below normal. The highest monthly mean was 69.8° at Texarkana, the lowest 58.1° at Dutton. The highest temperature recorded during the month was 96° at Searcy on the 12th, the lowest, 21° at Dutton on the 25th. The greatest daily range was 58° at Corning on the 28th.

PRECIPITATION.

The average precipitation for October, as determined from the records of 73 stations, was 0.29 inch which is 2.71 inches below normal, all stations showing negative departures. Monthly totals ranged from 2.13 inches at Eureka Springs to none at Corning, Patterson, and Stuttgart. The greatest amount measured in 24 consecutive hours was 1.75 inches at Eureka Springs on the 5th. The average number of rainy days was 1.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 5th, 14; 6th, 1; 7th, 1; 9th, 2.
Solar Halos:- 15th, 1; 16th, 1; 29th, 1.
Dense Fog:- 6th, 1.
Killing Frost:- Numerous stations 23d, 24th, and 25th.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	30.13	30.55	24	29.75	29	3,067	29	s.	30	.....	.....	93
Fort Smith...	30.11	30.55	24	29.77	29	4,961	37	nw.	30	81	48	89
Little Rock	30.13	30.52	24	29.84	3	4,753	34	s.	30	75	46	86
Memphis....	30.16	30.55	24	29.92	20	3,729	19	nw.	31	71	47	89

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
***Means and Extremes.**	**62.3**		**101**	**12**	**3.00**		**18**	**6**	**7**	**5**
1891.....	60.4	−1.9	92	27	0.65	−2.35	25	4	2	2
1892.....	63.8	+1.5	92	27	3.26	+0.26	16	7	8	6
1893.....	60.5	−1.8	99	23	1.30	−1.70	24	4	3	3
1894.....	63.0	+0.7	96	24	1.52	−1.48	22	5	4	3
1895.....	57.1	−5.2	95	21	1.44	−1.56	19	6	6	4
1896.....	60.8	−1.5	98	25	3.59	+0.59	18	5	8	6
1897.....	67.6	+5.3	99	28	2.01	−0.99	21	6	4	3
1898.....	60.0	−2.3	100	23	5.44	+2.44	16	7	8	8
1899.....	65.6	+3.3	101	28	2.88	−0.12	19	7	5	5
1900.....	66.0	+3.7	97	32	4.31	+1.31	14	10	7	6
1901.....	63.7	+1.4	95	27	2.07	−0.93	18	9	4	4
1902.....	62.5	+0.2	90	27	2.68	−0.32	18	9	4	4
1903.....	60.9	−1.4	97	26	2.22	−0.78	17	8	6	4
1904.....	62.5	+0.2	100	20	0.94	−2.06	23	5	3	2
1905.....	61.1	−1.2	92	23	4.49	+1.49	15	11	5	7
1906.....	58.2	−4.1	94	25	2.38	−0.62	18	5	8	6
1907	61.9	−0.4	96	23	3.03	+0.03	16	7	8	6
1908.....	59.2	−3.1	93	24	0.48	−2.52	21	6	4	2
1909.....	63.0	+0.7	98	24	2.15	−0.85	21	6	4	3
1910.....	62.9	+0.6	96	16	5.19	+2.19	21	5	5	6
1911.....	62.7	+0.4	101	25	1.67	−1.33	14	9	8	5
1912.....	63.8	+1.5	96	22	2.97	−0.03	18	8	5	4
1913.....	60.1	−2.2	95	18	5.41	+2.41	13	9	9	9
1914.....	63.0	+0.7	93	21	1.74	−1.26	13	8	10	5
1915.....	63.4	+1.1	94	26	2.83	−0.17	22	4	5	4
1916.....	62.8	+0.5	96	21	2.30	−0.70	21	4	6	4
1917.....	56.6	−5.7	99	12	1.89	−1.11	21	5	5	5
1918.....	65.6	+3.3	100	30	3.99	+0.99	13	5	13	8
1919.....	66.6	+4.3	98	33	0.90	−7.90	6	5	20	14
1920.....	64.2	+1.9	93	25	4.39	+1.39	16	6	9	7
1921.....	61.6	−0.7	96	27	0.72	−2.28	23	4	4	3
1922.....	63.1	+0.8	98	20	1.47	−1.53	18	6	7	4
1923.....	59.2	−3.1	94	20	3.53	+0.53	12	9	10	7
1924	64.9	+2.6	96	21	0.29	−2.71	24	4	3	1

*Based on 30 years record.

Climatological Data for October, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	0.15	−2.68	0.15	0	1	15	0	16	ne.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	T	−2.20	T.	0	0	24	2	5	w.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	0.75	.....	0.65	0	2	26	3	2	ne.	J. DReeves.
Batesville	Independence	277	25	62.0	+ 0.8	88	6†	26	24†	50	0.08	−2.78	0.06	0	2	19	7	5	e.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	63.9[a]	+ 1.3	90[a]	10	30[a]	24	43[a]	0.45	−2.37	0.45	0	1	22[a]	4[a]	4[a]	s.	J. E. Scanlan.
Bentonville	Benton	1303	19	62.3	+ 4.3	84	5	31	24	39	1.42	−1.39	0.80	0	4	28	2	1	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	0.14	−2.43	0.09	0	3	25	2	4	.....	Vernon C. Howe.
Booneville	Logan	465	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	66.8	+ 4.7	91	6†	32	24	42	0.11	−2.81	0.08	0	2	28	3	0	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	61.1	+ 0.9	90	7†	24	25	50	0.22	−2.29	0.15	0	2	22	9	0	s.	W. J. Copp.
Camden	Ouachita	158	39	64.4	+ 0.7	90	9	27	25	49	0.07	−2.74	0.07	0	1	21	5	5	ne.	A. B. Quarterman.
Center Point	Howard	470	25	68.7[d]	+ 5.1	91[d]	5	39[d]	23	30[d]	0.08	−2.78	0.08	0	1	21[d]	6[d]	0[d]	se.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	0.15	−2.89	0.08	0	2	21	5	5	n.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	T.	.....	T.	0	0	26	3	2	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	41	64.8	+ 1.7	90	6†	27	24	46	0.06	−2.59	0.06	0	1	26	5	0	s.	E. E. Cordrey.
Corning	Clay	293	31	63.2	+ 4.2	93	4	23	24	58	0.00	−3.27	0.00	0	0	28	0	3	sw.	Winfred D. Polk.
Dam No. 1	White	190	2	.....	.....	.....	.....	.....	.....	.....	T.	.....	T.	0	0	26	4	1	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	T.	−3.81	T.	0	0	27	0	4	w.	C. P. Evans.
Dardanelle	Yell	330	38	61.4	− 1.6	91	8†	32	25	40	0.42	−2.22	0.38	0	2	25	0	6	e.	J. D. Riley.
Dumas	Desha	162	18	63.0	− 2.2	90	4	28	24†	45	0.18	−3.10	0.18	0	1	22	9	0	n.	Ben Johnson.
Dutton	Madison	1590	21	58.1	0.0	83	7	21	25	47	0.98	−2.02	0.78	0	2	21	9	1	s.	J. M. Ricketts.
El Dorado ††	Union	270	23	67.4	+ 2.6	91	6	33	24	39	0.12	−2.71	0.12	0	1	22	9	0	ne.	J. J. Babb.
England	Lonoke	229	17	65.2	+ 2.0	91	7	30	24	48	0.02	−2.86	0.02	0	1	25	6	0	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	64.2	+ 3.9	86	6	30	23	38	2.13	−0.90	1.75	0	3	21	8	2	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	.....	.....	92	6	25	24	.....	0.06	.....	0.06	0	1	.....	.....	.....	....	C. C. Price.
Fayetteville	Washington	1451	37	62.0	+ 1.1	84	6†	26	34	42	0.51	−2.68	0.28	0	3	27	1	3	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	66.6	+ 3.3	87	6	37	26	36	1.08	−1.75	0.87	0	3	22	7	2	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	0.06	−2.31	0.06	0	1	22	6	3	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	T.	−4.13	T.	0	0	23	4	4	e.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	0.45	.....	0.40	0	2	27	3	1	n.	Ben F. Battenfield.
Grannis	Polk	900	6	65.4	.....	87	5	33	25	47	0.22	.....	0.22	0	1	29	2	0	sw.	W. E. Mc Vay.
Gravette	Benton	1250	27	65.5	+ 5.5	83	6†	38	24	39	1.48	−1.56	0.93	0	4	25	3	3	sw.	A. F. Stevens.
Harrison	Boone	1352	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	66.8	.....	95	6	33	26	50	0.02	−2.54	0.02	0	1	22	5	4	n.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	0.45	.....	0.45	0	1	28	3	0	sw.	L. A. Ingram.
Hope	Hempstead	377	53	67.2	+ 1.6	92	5	30	25	45	0.20	−3.15	0.20	0	1	27	4	0	e.	N. P. O'Neal.
Hot Springs	Garland	600	33	65.4	+ 1.5	86	7†	34	24	38	0.07	−3.04	0.07	0	1	24	5	2	.....	P. P. Patraw.
Huttig	Union	175	17	66.7[e]	+ 1.3	91[e]	5†	31[e]	25	43[e]	T	−3.05	T.	0	0	29	1	1	se.	J. L. Collett.
Jonesboro	Craighead	345	29	65.6	+ 3.1	93	6	34	25	41	0.11	−3.22	0.05	0	3	26	4	1	ne.	Benedictine Sisters.
Junction	Union	182	30	65.4	+ 1.2	92	5	26	25	51	0.22	−2.83	0.22	0	1	29	2	0	se.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	0.10	.....	0.10	0	1	22	7	2	.....	G. A. Newton.
Little Rock	Pulaski	399	45	67.2	+ 3.6	88	5	41	23	31	0.06	−2.49	0.06	0	1	21	10	0	e.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	65.9	+ 4.1	88	19	36	23	38	0.01	−3.67	0.01	0	1	18	11	2	e.	H. G. Lenhardt.
Magnolia	Columbia	315	6	66.8	.....	91	5	36	27	42	0.15	.....	0.15	0	1	20	8	3	ne.	State Agri. School.
Malvern	Hot Springs	277	37	65.8	+ 3.0	89	10	31	24	44	0.30	−2.41	0.20	0	2	27	4	0	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	60.9	+ 2.5	88	7	26	24	44	0.40	−2.45	0.30	0	2	23	6	2	s.	F. M. Daniel.
Marianna	Lee	235	16	64.3	+ 0.7	85	6	32	24†	38	0.07	−3.62	0.07	0	1	15	14	2	ne.	C. N. Houck.
Marked Tree	Poinsett	229	19	64.4	.....	90	5	30	23	45	0.10	−4.16	0.10	0	1	28	3	0	se.	Charles Walton.
Marshall	Searcy	1070	10	61.9	.....	87	7	23	24	46	1.21	−1.50	1.10	0	2	29	1	1	ne.	A. J. Park.
Mena	Polk	1185	38	66.3	+ 3.5	88	5†	33	25	38	0.15	−3.22	0.15	0	1	25	5	1	sw.	E. W. St. John.
Morrillton ††	Conway	347	3	66.6[f]	.....	87[f]	6†	33[f]	23	38[f]	.....	.....	.....	0	.....	22[f]	2[f]	1[f]	.....	Henry Harless.
Mountain Home	Baxter	800	11	61.4	.....	89	7	24	24†	51	0.27	−3.18	0.27	0	1	28	1	2	n.	B. S. Halbert.
Mountain View	Stone	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Webb.
Mount Ida	Montgomery	730	25	61.9	.....	89	7†	22	24†	52	0.49	−3.16	0.26	0	3	23	7	1	e.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	0.09	−3.42	0.09	0	1	25	3	3	.....	Henry A. Davis.
Nail	Newton	2233	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Paxton.
Newport	Jackson	231	40	69.8[b]	+ 8.4	90[b]	7†	31[n]	25	39[n]	0.08	−2.59	0.08	0	1	26	3	2	sw.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	65.6[i]	+ 4.0	87[d]	5†	34[n]	25	43[q]	0.09	−2.16	0.09	0	1	25	4	2	s.	Mrs. Josephine Morriss
Ozark	Franklin	450	28	64.8[b]	+ 1.2	95[b]	4	30[b]	25	43[b]	0.49	−2.36	0.37	0	2	14[b]	7[b]	8[b]	e.	Isham Burrow.
Ozark Beach Mo	Taney	650	1	.....	.....	.....	.....	.....	.....	.....	0.26	.....	0.13	0	2	.....	.....	.....	.....	S. E. Guard.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	0.00	−4.19	0.00	0	0	24	0	7	n.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	0.09	.....	0.09	0	1	27	3	1	n.	H. H. Harlan
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	1.01	.....	0.97	0	2	24	3	4	se.	W. W. Wood.
Pine Bluff	Jefferson	215	37	68.5	+ 5.9	92	8	36	24	42	T.	−2.61	T.	0	0	19	6	6	sw.	Miss Theresa Schev.
Pocahontas	Randolph	300	30	65.0	+ 2.1	90	7	33	25†	43	0.60	−2.22	0.45	0	3	21	10	0	n.	Benedicitine Sisters.
Portland	Ashley	122	18	65.4	+ 0.6	90	5	35	25†	40	0.00	−2.74	0.00	0	0	20	8	3	n.	W. E. Edmiston.
Prescott	Nevada	329	36	66.8	+ 2.4	88	4†	34	25	40	0.21	−2.28	0.20	0	2	26	4	1	n.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	T.	−2.78	T.	0	0	28	1	2	ne.	Foote Coleman.
Rison	Cleveland	243	23	66.3	+ 2.7	89	5†	34	25	39	0.12	−2.76	0.12	0	1	26	4	1	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	61.2	+ 1.6	84	6	26	25	42	1.22	−1.59	0.83	0	4	25	1	5	s.	Carl A. Starck.
Searcy	White	236	11	64.6	+ 3.3	96	12	30	24†	56	0.05	−3.14	0.05	0	1	29	2	0	s.	J. T. Bell.
Springbank	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	0.20	−2.86	0.20	0	1	27	0	4	.....	Miss Grace Field.
Stuttgart ††	Arkansas	228	37	64.7	+ 1.9	89	6	30	24	42	0.00	−2.93	0.00	0	0	23	8	0	n.	Adam F. Buerkle.
Subiaco	Logan	1050	27	67.6	+ 4.2	93	7	34	23†	45	0.17	−2.92	0.15	0	2	25	6	0	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	69.8	+ 5.2	95	5	36	23†	45	0.25	−2.46	0.25	0	1	27	2	2	s.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	0.08	.....	0.08	0	0	23	4	4	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	66.4	+ 2.6	88	6	36	24	36	T.	−3.49	T.	0	0	31	0	0	s.	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	0.30	−2.68	0.30	0	1	23	2	6	se.	Nannie O. Schirmer
Wynne	Cross	250	18	64.7	+ 1.7	88	6†	31	24†	44	0.12	−3.77	0.10	0	2	24	7	0	n.	E. O. Allen.
State Means and Extremes				64.9	+ 2.6	96	12	21	25	58	0.29	−2.71	1.75	0	1	24	4	3	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[e], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for October, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																																
Arkadelphia	Ouachita																														.15	0.15
Arkansas City	Mississippi																														T.	T.
Arlberg	White					.65																									.10	0.75
Batesville	White				.02	T.	T.																								.06	0.08
Bee Branch	Arkansas					.45																								T.		0.45
Bentonville ***	Arkansas			T		.80		.08		.26																				.28		1.42
Black Rock	White					.01	.04																								.09	0.14
Booneville	Arkansas																															
Brinkley	White				T.	.08																									.03	0.11
Calico Rock	White						.15																								.07	0.22
Camden	Ouachita																														.07	0.07
Center Point	Red																														.08	0.08
Clarendon	White				.07																									T.	.08	0.15
Clinton	White																															T.
Conway	Arkansas																														.06	0.06
Corning	White																															0.00
Dam No. 1	White																														T.	T.
Danville	Arkansas						.38																								T.	T.
Dardanelle	Arkansas																													T.	.04	0.42
Dumas	Arkansas									T.																					.18	0.18
Dutton	White			T.		.78																									.20	0.98
El Dorado	Ouachita				T.																										.12	0.12
England	Arkansas																														.02	0.02
Eureka Springs	White					1.75				.25																					.13	2.13
Evening Shade	White																														.06	0.06
Fayetteville	White					.28		T.		.13																					.10	0.51
Fort Smith ***	Arkansas			T.		.19				.87																				.02		1.08
Fulton	Red																														.06	0.06
Georgetown	White																														T.	T.
Gilbert	White					.40																									.05	0.45
Grannis	Red																														.22	0.22
Gravette	Arkansas					.93		.07		.21																					.27	1.48
Harrison	White																															
Helena	Mississippi						.02																									0.02
Higden	White					.45																									T.	0.45
Hope	Red																														.20	0.20
Hot Springs	Ouachita					T.																									.07	0.07
Huttig	Ouachita																														T.	T.
Jonesboro	White				.04	.02	T.																								.05	0.11
Junction	Ouachita																														.22	0.22
Lambrook	White																													.10		0.10
Little Rock ***	Arkansas			T.		T.																									.06	0.06
Luderville	Arkansas																														.01	0.01
Magnolia	Red																														.15	0.15
Malvern	Ouachita					.20																									.10	0.30
Mammoth Spring	White						.30																								.10	0.40
Marianna	Mississippi																														.07	0.07
Marked Tree	Mississippi																														.10	0.10
Marshall	White					1.10																									.11	1.21
Mena	Ouachita					T.																									.15	0.15
Morrilton	Arkansas					.03																										
Mountain Home	White					.27																										0.27
Mt. View	White																															
Mount Ida	Ouachita				.12	.11					T.																				.26	0.49
Murfreesboro	Ouachita																														.09	0.09
Nail	White																															
Newport	White																														.08	0.08
Oseeola	Mississippi																														.09	0.09
Ozark	Arkansas					.37																									.12	0.49
Ozark Beach, Mo.	White					.13																									.13	0.26
Patterson	White																															0.00
Piggott	St. Francis																														.09	0.09
Pindall	White					.97																									.04	1.01
Pine Bluff	Arkansas																														T.	T.
Pocahontas	White				.05	.45																									.10	0.60
Portland	Ouachita																															0.00
Prescott	Ouachita				.01																										.20	0.21
Princeton	Ouachita																													T.		T.
Rison	Ouachita																														.12	0.12
Rogers	Arkansas			T.		.83		.03		.14																					.22	1.22
Searcy	White																														.05	0.05
Springbank	Red																														.20	0.20
Stuttgart	Arkansas																															0.00
Subiaco	Arkansas					.15																								.02		0 17
Texarkana	Red																														.25	0.25
Waldron	Arkansas									T.																					.08	0.08
Warren	Ouachita																														T.	T.
Whitecliffs	Red																														.30	0.30
Wynne	Mississippi					.02																									.10	0.12

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily River Stages for October, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.6	7.2	7.5	7.2	6.8	6.0	5.8	5.6	6.0	5.6	6.0	6.4	7.0	7.9	7.9	7.5	6.5	5.7	5.5	5.4	5.3	5.0	4.8	4.6	4.5	4.5	4.3	4.3	4.2	4.1	3.9
Dardanelle	do	20	4.6	4.4	4.0	4.2	4.1	4.0	3.6	3.2	3.0	2.8	3.2	3.2	3.0	3.0	3.0	4 1	4.7	4.7	4.1	3.8	3.1	2.8	2.6	2.3	2.2	2.1	2.0	1.8	1.7	1.6	1.5
Little Rock	do	23	2.6	2.0	2.0	1.7	1.4	1.7	1.8	1.3	1.0	0.8	0.5	0.4	0.7	0.7	0.7	0.8	1.4	2.0	2 2	1.3	0.8	0.4	0.2	0.1	-0.1	-0.3	-0.4	-0.6	-0.6	-0.8	-0.9
Pine Bluff	do	25	7.5	6.9	6.4	6.3	6.1	5.8	6 1	6 1	5.7	5.4	5.0	4.6	4.6	4.7	4.7	4.8	5 0	5.8	6.1	6.2	5.5	5.0	4.5	4 2	4 0	3.9	3.7	3.7	3.1	2.9	2.8
Black Rock	Black	14	3.2	3.1	2 9	2.8	2.8	2 6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Calico Rock	White	18	0.5	1 2	1.1	1.1	1.0	1.1	1.0	0 5	1.1	1.1	1.0	0.9	0 9	0.8	0.3	0.8	0.6	0.3	0.6	0.2	0.1	0.1	-0 2	0.1	0.5	0.2	0.0	0.0	-0.2	-0.1	0.1
Batesville	do	23	6.1	5.5	6.1	6.1	5.9	5 9	5.9	5.8	5.4	5 8	5.9	5.8	5.5	5.5	5.5	5.1	5.5	5.4	5.2	5.2	5.0	5.0	4.8	4.6	4.9	5.2	5.0	4.9	4.8	4.8	4.5
Newport	do	26	3.4	3 3	3.2	2.8	2.8	2.4	2.4	2.4	2.2	2.0	2 0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Georgetown	do	22	3.8	3.6	3.2	2.0	2 2	2.2	2.2	2.0	2.0	2.0	2 0	1.8	1.8	1.8	1.8	1.6	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.6	0.6	0.4	0.2	0.2	0.2	0.2	0.2
Clarendon	do	30	11.3	11.0	10.7	10.4	10.1	9.7	9.5	9.3	9.2	9.1	9 0	8 8	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.4	7.4
Helena	Mississippi	42	10.3	10.8	11.2	11 4	11 2	10.7	10.1	9.6	9.8	11.4	13.9	16.0	17.3	18.0	18 1	17.5	16.4	15.4	14.1	12.7	11.2	9.7	8.3	7.2	6.3	5.7	5.4	5.2	5.1	5.0	4.8
Arkansas City	do	48	14.9	14.8	14.8	15.0	15.2	15.0	14.5	14.0	13.4	13.3	14.1	15.2	18.0	19.5	20 4	20.6	20.4	19.8	18 7	17.8	16.9	15.6	14.1	13 4	12.2	11 5	10.8	10.3	10.0	9.8	9.6
Camden	Ouachita	49	5.8	5.3	5.1	4.7	4.5	4.4	4.3	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.2	3.4	3.1	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2 2	2.2
Danville	Petit Jean	20	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0 1	0.1	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.4	-0.7	-0.7	-0.7
Fulton	Red	28	6.6	6.3	6 2	6.1	6 1	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	6.1	6.7	6.7	6.5	6.3	6.1	6.0	5.9	5.8	5.8
Arkadelphia	Ouachita	18	0.0	0.0	0 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Patterson	Cache	9	5.2	5.2	5.0	4.8	4.4	4.0	3.7	3 6	3.5	3.3	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

Daily Temperatures for October, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	74	80	80	85	85	88	87	87	87	88	88	84	86	88	87	87	88	88	88	88	73	63	66	69	74	77	79	75	79	81	75	81.4
	Minimum	35	35	44	50	66	59	59	52	54	53	53	41	41	42	42	44	46	44	43	45	45	31	27	26	26	27	31	31	31	57	45	42.7
Bee Branch	Maximum	74	77	76	84	83	89	88	89	87	90	89	85	87	87	85	87	87	86	88	86	67	63	68	72	76	75	74	80	80	76	....	81.2
	Minimum	35	39	44	62	61	59	79	53	59	55	55	43	46	45	46	47	47	47	46	52	37	35	31	30	33	33	34	47	57	41	....	46.6
Bentonville	Maximum	74	74	74	82	72	84	80	80	79	82	82	80	78	80	81	81	82	81	80	80	67	58	58	64	67	70	70	75	80	79	70	75.6
	Minimum	44	52	55	52	58	59	64	61	63	60	59	50	45	48	51	53	51	52	51	49	48	38	33	31	32	31	35	46	58	52	38	49.0
Booneville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Brinkley	Maximum	76	82	82	88	86	91	91	89	90	89	86	82	88	87	87	87	87	87	88	87	80	69	65	70	75	78	79	76	81	81	77	82.6
	Minimum	40	45	55	70	69	65	65	59	60	59	59	42	51	51	52	51	52	52	51	51	54	44	34	32	33	36	38	37	55	65	56	51.1
Calico Rock§§	Maximum	75	80	78	83	83	89	90	88	90	89	90	85	87	87	86	86	89	88	88	86	71	62	66	70	74	76	78	74	79	80	71	81.2
	Minimum	34	35	40	44	63	58	60	53	55	54	51	44	37	39	41	44	43	43	42	42	43	29	26	25	24	26	28	29	30	45	43	41.0
Camden§§	Maximum	76	80	84	86	87	89	89	88	90	86	86	84	86	88	88	85	87	86	88	88	76	66	65	69	73	76	74	78	86	84	76	82.1
	Minimum	38	41	44	56	68	61	62	58	59	59	56	43	44	47	46	48	47	49	48	45	48	44	35	30	27	28	31	33	37	65	55	46.8
Center Point	Maximum	75	78	83	82	91	87	....	....	....	....	86	84	85	86	88	87	86	87	88	89	80	70	64	68	72	77	75	77	85	82	79	81.2
	Minimum	49	54	59	64	70	68	..	....	....	....	64	58	58	62	59	61	59	58	61	59	62	45	39	42	44	47	50	53	60	64	48	56.2
Conway	Maximum	75	78	79	86	87	90	88	87	89	88	88	86	89	89	87	87	89	88	90	89	74	65	67	70	74	77	78	73	82	87	77	82.4
	Minimum	38	41	48	64	66	62	62	54	61	57	55	43	45	46	47	47	49	48	47	47	51	42	29	27	28	31	32	33	52	65	48	47.3
Corning	Maximum	91	92	89	93	87	90	89	88	88	88	85	83	87	90	86	87	89	87	87	89	69	60	66	71	76	74	76	89	66	75	81	82.8
	Minimum	46	51	63	57	53	50	61	55	56	51	50	42	39	42	44	45	46	43	42	43	46	30	26	23	28	26	27	31	33	43	60	43.6
Dardanelle	Maximum	70	75	77	86	84	90	90	91	91	86	86	82	72	76	70	81	81	84	83	87	85	80	71	64	64	68	67	70	71	72	73	78.3
	Minimum	34	37	42	50	58	60	57	55	60	61	50	46	38	40	39	42	44	49	45	47	45	42	37	33	32	36	36	38	42	47	41	44.6
Dumas	Maximum	76	81	83	90	87	83	87	76	78	88	83	81	83	87	87	84	84	84	84	84	71	63	64	66	70	73	78	72	81	79	71	79.3
	Minimum	36	40	39	68	66	39	60	54	58	57	54	53	47	47	48	49	49	49	48	46	50	41	33	28	28	32	33	37	42	62	54	46.7
Dutton	Maximum	71	73	70	78	78	81	83	77	79	80	82	78	80	81	79	80	80	81	81	80	71	59	59	64	68	70	70	71	78	78	72	75.2
	Minimum	35	40	49	43	59	55	56	52	59	57	49	41	37	36	40	41	41	40	40	41	40	28	22	22	21	24	27	31	51	60	33	41.0
El Dorado	Maximum	79	81	86	90	90	91	89	89	89	88	86	84	87	88	88	85	86	86	88	87	78	70	65	69	72	74	75	79	86	83	79	82.8
	Minimum	41	46	56	66	67	64	64	66	63	63	58	46	50	51	52	52	54	55	56	53	54	43	36	33	34	37	39	40	57	65	52	52.0
England	Maximum	75	79	82	87	88	90	91	87	80	85	86	82	86	88	88	86	88	88	88	88	72	64	66	70	79	78	79	74	83	80	76	81.7
	Minimum	37	43	47	64	67	62	61	55	56	56	69	43	48	48	49	49	50	51	50	48	54	40	33	30	31	36	34	34	53	64	52	48.8
Eureka Springs	Maximum	76	76	73	82	76	86	82	81	81	85	85	83	83	84	83	84	85	85	84	83	71	62	64	67	71	74	73	75	82	80	74	78.4
	Minimum	46	52	57	53	60	54	63	57	60	57	54	50	47	59	52	52	50	52	52	51	51	35	30	31	33	37	42	47	59	63	40	49.9
Evening Shade	Maximum	69	79	78	83	84	92	87	87	88	89	87	88	88	88	86	88	87	88	88	88	79	63	65	68	75	77	80	75	76	81	82	81.7
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	43	45	52	33	28	25	26	29	31	31	43	63	47	....
Fayetteville	Maximum	74	76	76	78	76	84	81	82	76	84	81	80	78	80	81	84	84	80	82	81	71	60	61	61	61	71	71	74	79	79	78	76.3
	Minimum	44	56	58	58	62	59	68	61	61	56	41	42	44	46	47	49	48	58	46	46	48	37	28	26	27	29	36	42	60	61	39	47.8
Fort Smith	Maximum	79	80	79	85	85	87	85	85	83	83	86	81	81	82	84	83	84	85	83	83	75	64	63	65	69	73	75	79	85	83	73	79.6
	Minimum	47	52	58	54	66	64	67	61	62	61	64	58	53	54	54	56	56	55	56	52	54	44	40	38	39	37	40	47	57	59	46	53.5
Grannis	Maximum	74	77	72	84	87	85	85	85	85	83	85	85	83	84	84	85	84	84	81	85	81	82	62	66	71	73	83	76	83	81	80	80.6
	Minimum	40	44	58	55	64	63	61	56	60	60	59	49	50	49	50	50	52	50	56	50	54	46	35	35	33	35	36	43	52	52	57	50.1
Gravette	Maximum	73	71	74	81	76	83	78	81	78	82	83	80	79	81	80	81	82	81	80	82	60	59	63	67	73	70	74	81	80	81	77	76.5
	Minimum	40	56	57	45	56	56	60	59	61	56	58	42	40	42	49	45	62	64	59	56	56	56	53	38	53	49	50	69	72	69	61	54.5
Helena	Maximum	74	83	85	88	89	95	94	93	94	94	91	86	91	91	92	88	90	89	91	91	76	67	70	74	77	83	82	81	83	85	75	85.4
	Minimum	38	39	48	59	67	61	61	51	57	58	51	44	49	49	51	51	51	53	52	49	49	42	36	35	34	33	36	37	42	50	62	48.2
Hope	Maximum	82	80	84	90	92	91	89	89	90	86	88	82	88	87	87	82	88	88	87	89	80	65	65	63	72	77	78	80	86	87	79	82.9
	Minimum	42	50	56	65	65	65	64	60	61	61	60	46	48	50	50	51	50	51	51	48	52	45	35	31	30	32	39	43	59	69	64	51.4
Hot Springs	Maximum	74	74	80	84	85	85	86	84	85	82	85	82	84	86	86	84	85	86	86	86	73	66	64	68	72	76	76	74	83	81	70	79.9
	Minimum	44	47	52	63	66	63	62	59	62	61	58	48	50	51	52	52	52	53	53	51	54	43	38	34	35	38	38	40	54	59	46	50.9
Huttig	Maximum	78	81	88	90	90	91	91	89	90	88	87	87	86	87	87	85	86	87	87	85	86	77	65	69	72	74	....	....	....	....	....	84.0
	Minimum	37	49	52	66	67	61	60	59	60	60	46	44	50	50	49	50	50	51	52	48	51	45	37	35	31	33	....	....	....	....	....	49.4
Jonesboro	Maximum	74	81	79	81	85	93	90	87	87	85	84	86	86	87	88	87	85	87	89	85	74	58	61	65	73	76	78	77	76	80	7	80.6
	Minimum	35	43	58	66	65	65	65	59	59	58	60	48	49	53	51	53	52	51	51	54	52	39	36	35	34	38	40	36	48	61	52	50.5
Junction	Maximum	73	75	80	88	92	90	90	89	91	87	86	85	87	89	88	89	89	90	87	85	83	70	67	71	75	77	79	81	82	8	74	83.0
	Minimum	36	38	46	64	65	62	61	63	61	62	58	44	45	49	47	46	47	47	48	46	43	41	40	29	26	27	28	34	61	6	55	47.8
Little Rock	Maximum	71	76	79	84	88	86	86	84	86	83	83	80	83	84	84	83	85	85	86	85	70	61	62	66	71	75	75	72	81	79	73	78.9
	Minimum	45	50	56	66	68	66	68	63	65	64	64	54	56	57	58	57	58	58	60	58	54	44	41	41	41	44	45	47	57	64	5	55.5
Lutherville	Maximum	75	78	81	82	80	83	87	85	86	85	85	84	86	87	85	86	87	81	88	85	72	62	64	68	73	74	75	72	82	81	7	79.8
	Minimum	45	47	49	57	65	63	65	63	60	60	48	46	52	54	55	56	57	56	55	57	56	40	36	38	37	42	42	50	55	63	4	52.0
Magnolia	Maximum	83	81	86	89	91	87	89	89	90	85	84	82	84	85	80	83	85	86	86	86	78	72	63	67	72	74	77	77	85	84	79	81.9
	Minimum	45	46	48	66	68	58	67	67	61	63	60	54	48	59	51	51	50	51	52	49	52	45	40	38	37	38	36	39	48	69	50	51.5
Malvern	Maximum	74	82	86	85	87	88	88	86	87	89	86	83	86	87	87	85	86	87	87	86	75	66	65	69	74	77	77	75	84	82	77	81.7
	Minimum	39	48	63	67	63	62	62	58	61	58	57	46	48	48	49	50	50	51	52	49	52	41	39	31	32	34	34	34	51	64	50	49.8
Mammoth Spg.§§	Maximum	71	77	76	80	81	84	88	86	84	85	86	82	81	84	82	82	85	84	84	83	65	59	61	64	71	71	74	74	76	78	71	77.7
	Minimum	33	39	42	49	65	57	62	54	59	54	53	42	40	43	46	46	47	46	44	45	51	36	29	26	27	29	31	30	41	58	44	44.1
Marianna	Maximum	70	77	79	83	84	85	84	84	83	83	81	83	82	84	83	82	83	84	83	84	70	63	62	65	70	72	73	74	78	80	75	78.2
	Minimum	38	44	51	67	64	63	63	58	60	59	59	48	47	52	52	51	53	52	52	50	57	41	36	32	32	37	36	41	50	64	54	50.4
Marked Tree §§	Maximum	80	79	82	83	90	89	89	87	87	85	83	87	88	87	88	87	88	88	86	70	60	64	68	75	77	78	76	79	82	74	79	81.1
	Minimum	42	48	55	66	63	63	57	58	57	58	45	48	49	50	50	50	49	48	49	50	39	34	30	32	32	35	37	38	55	54	35	47.7
Marshall	Maximum	74	78	76	84	83	86	87	84	83	84	84	84	83	83	83	84	84	84	84	84	78	64	61	65	70	72	72	73	82	79	77	79.0
	Minimum	40	52	53	54	64	62	62	56	54	56	52	45	40	40	43	46	44	43	43	44	44	28	25	23	24	26	29	36	58	63	40	44.8
Mena	Maximum	76	79	78	85	88	86	88	85	86	85	88	86	88	85	86	85	86	87	87	85	79	65	61	66	71	74	75	77	84	83	75	80.8
	Minimum	43	52	60	55	72	63	63	61	61	61	61	48	47	49	51	53	53	52	54	50	55	43	36	34	33	39	40	45	62	64	47	51.8
Morrilton	Maximum	73	78	78	82	83	87	87	85	86	83	87	85	84	86	85	86	84	87	85	86	79	77	70	73	76	....	....	....	....	....	....	80.2
	Minimum	40	49	50	66	66	62	63	56	65	60	49	50	50	53	50	54	53	51	51	57	56	51	33	42	48	....	....	....	....	....	....	3.0
Mt. Home	Maximum	79	80	79	85	85	86	89	87	86	85	86	84	85	85	86	86	86	86	85	85	69	60	63	66	71	76	77	76	78	78	82	80.4
	Minimum	33	40	44	56	60	56	59	53	58	53	52	43	38	39	43	43	43	44	42	42	48	34	31	24	24	25	28	31	38	46	46	42.5
Mt. Ida	Maximum	75	79	82	85	86	86	89	83	89	83	86	83	85	81	88	87	87	87	87	88	77	66	65	68	73	77	76	76	85	82	77	81.2
	Minimum	34	39	53	53	53	60	57	51	57	52	52	46	39	41	41	44	43	43	42	42	44	32	25	22	22	25	25	30	54	67	40	42.6
Newport	Maximum	75	81	81	81	87	88	90	88	83	86	89	86	89	81	87	85	..	89	90	89	78	....	70	71	70	77	79	78	78	82	76	82.3
	Minimum	48	53	55	58	55	64	68	65	68	66	66	....	....	59	60	....	....	....	....	....	61	....	33	....	31	....	....	....	....	....	62	57.2
Osceola	Maximum	71	79	80	84	87	87	87	87	85	83	84	81	84	85	81	86	84	....	....	....	75	63	63	63	75	....	79	76	79	80	74	79.3
	Minimum	38	51	52	66	....	66	65	61	....	....	....	....	....	....	....	....	....	50	50	51	48	51	38	....	....	34	....	36	....	....	63	62	51.9
Ozark	Maximum	77	81	80	95	85	87	90	85	86	86	....	....	88	86	85	86	87	87	87	77	68	67	67	67	72	75	76	76	85	85	76	81.0
	Minimum	41	46	52	54	65	63	64	64	68	64	....	....	47	46	48	51	50	50	50	57	36	34	32	31	30	32	34	40	8	62	42	48.7
Pine Bluff	Maximum	80	83	86	88	92	91	91	92	91	90	88	85	88	90	89	88	88	90	91	89	77	66	67	72	76	79	80	75	86	82	78	84.1
	Minimum	47	46	54	66	69	69	63	59	61	61	61	48	53	53	54	54	54	55	55	52	57	43	39	36	37	40	38	39	54	66	5	52.9
Pocahontas	Maximum	73	79	79	81	81	88	90	87	87	89	88	84	88	89	87	88	89	89	87	88	82	64	67	70	75	78	78	76	74	79	7	81.6
	Minimum	34	40	43	65	64	62	63	58	60	55	60	46	45	47	49	49	60	60	46	48	52	38	37	34	33	35	35	33	45	59	48	48.5
Portland	Maximum	75	79	85	89	90	88	86	85	87	85	82	80	84	86	84	85	86	84	85	85	76	71	62	67	71	73	75	75	81	84	79	80.8
	Minimum	43	44	53	65	69	60	60	56	59	60	55	48	49	48	48	50	49	51	51	49	50	42	36	36	35	35	35	38	54	64	5	50.0
Prescott	Maximum	76	79	83	88	88	88	87	86	87	85	85	83	86	87	88	84	86	87	86	88	76	67	65	69	72	76	76	77	85	84	8	81.7
	Minimum	41	46	54	63	70	64	64	60	60	61	60	50	54	52	52	53	51	54	53	49	55	45	38	38	34	38	36	39	54	67	51	51.8
Rison	Maximum	76	79	83	86	89	87	89	88	88	86	85	83	86	87	85	85	85	87	87	85	74	66	66	69	72	75	76	74	81	80	76	81.1
	Minimum	40	45	54	67	68	64	63	60	60	61	59	51	51	52	52	53	53	55	53	51	56	41	35	35	34	36	37	38	56	65	52	51.5
Rogers	Maximum	76	75	75	82	74	84	80	79	79	82	82	80	79	80	81	81	82	81	82	79	67	61	59	63	68	70	72	74	82	80	76	76.3
	Minimum	40	52	57	45	62	56	60	59	60	56	57	46	40	42	45	48	46	46	45	46	50	38	28	27	26	28	30	34	61	64	37	46.2
Searcy	Maximum	74	80	81	86	84	91	92	89	88	86	87	96	88	89	88	89	90	89	90	90	85	82	65	68	75	79	79	74	80	82	78	83.7
	Minimum	34	35	40	65	65	55	60	50	55	55	55	40	45	47	45	45	50	47	45	46	45	42	36	30	30	31	32	32	45	62	50	45.6
Stuttgart	Maximum	78	78	83	85	87	89	88	87	88	85	84	80	84	86	85	84	81	80	86	86	78	67	64	67	72	75	77	75	83	80	74	80.4
	Minimum	41	45	50	64	66	60	63	59	62	57	56	45	47	48	50	49	51	51	50	49	52	37	32	30	31	34	35	38	53	60	53	49.0
Subiaco	Maximum	81	83	81	89	89	90	93	89	88	87	89	88	89	88	90	89	90	91	89	78	66	66	69	73	77	81	80	90	87	79	80	83.8
	Minimum	41	47	60	56	66	65	65	65	66	60	60	53	49	70	53	52	53	53	52	57	42	37	34	34	35	36	41	50	66	46	49	51.4
Texarkana	Maximum	80	82	85	93	95	93	93	89	93	92	93	89	91	93	92	89	89	92	92	92	87	78	72	74	77	81	82	82	83	87	80	86.8
	Minimum	44	45	55	64	72	66	62	63	62	63	60	50	55	51	52	51	52	55	53	51	53	46	36	38	39	36	37	45	62	68	52	52.8
Warren	Maximum	73	73	83	85	86	88	87	86	87	85	83	81	95	86	86	85	86	86	86	86	79	67	63	67	71	74	74	74	82	80	80	80.5
	Minimum	39	42	53	68	69	62	62	61	60	60	59	47	53	53	54	56	55	54	58	55	43	37	36	37	40	39	38	55	65	53	52	52.2
Wynne	Maximum	73	79	79	83	85	88	88	88	87	80	82	83	84	86	87	85	85	87	86	85	72	61	64	67	72	76	78	76	77	81	73	79.9
	Minimum	39	48	54	60	63	65	64	59	62	58	59	46	49	49	49	49	50	50	49	48	55	39	33	31	31	34	34	37	54	63	53	49.5

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

HARVEY S. COLE, Meteorologist.

VOL. XXIX. LITTLE ROCK, ARK., NOVEMBER, 1924. No. 11

GENERAL SUMMARY.

The weather during the first half of November was mild, the temperature being above normal most of the time, while during the latter half of the month somewhat cooler weather prevailed. Practically all the precipitation occurred from the 7th to the 15th and in most sections the monthly totals were about two thirds of the normal amount. Conditions were favorable most of the month for picking cotton, gathering corn, threshing rice, and other out door activities. The rains were beneficial for wheat and oats, but the soil in many localities continued too dry for fall plowing. Dirt roads were in good condition most of the month and the rivers of the State at low stages.

The first killing frost this autumn occurred at a few stations September 30th, over mort of the State October 23d to 25th, and in remining localities November 24th to 28th. The length of the growing season, (from the last killing frost in spring until the first in autumn) for 65 stations was 210 days and ranged from 172 days at Dutton to 255 days at Portland. W. C. H.

TEMPERATURE.

The mean temperature for the State, as determined from the records of 51 stations, was 53.4° which is 1.9° above normal, all stations except Bee Branch, Dardanelle, Mammoth Spring, and Pocahontas showing temperatures normal or above. Monthly means ranged from 47 1° at Mammoth Spring to 58.4° at Magnolia. The highest temperature recorded during the month was 88° at several stations on the 2d and later dates, the lowest 15°, at Dutton on the 25th and Gravette the 27th. The greatest daily range was 56° at Batesville on the 2d.

PRECIPITATION.

The average precipitation for November, as determined from the records of 72 stations, was 2.36 inches which is 1.21 inches below normal, all stations except 8 showing negative departures. Monthly totals ranged from 5.60 inches at Hot Springs to 0.20 inch at Huttig. The greatest amount measured in 24 consecutive hours was 3.27 inches at Camden on the 12th. Snow in an appreciable amount was measured at Bentonville and Rogers while a trace occurred at several stations in western and northwestern counties. The average number of rainy days was 4.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level). Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles	Maximum velocity.	Direction.	Date.	Relative humdity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville..	30.12	30.48	1	29.65	23	2,832	22	s.	6	.....	.....	69
Fort Smith...	30.12	30.48	2	29.57	23	6,182	40	sw.	7	78	53	65
Little Rock	30.14	30.47	1	29.82	11	6,517	37	nw.	23	73	53	55
Memphis....	30.15	30.47	1	29.52	23	3,904	30	w.	5	73	51	58

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 7th, 5; 8th, 7; 9th, 1; 10th, 2; 11th, 16; 12th, 3; 13th, 1; 14th, 5; 15th, 1.

Lunar Halos:- 3d, 1; 21st, 1.

Dense Fog:- 13th, 1; 20th, 1; 21st, 1.

KILLING FROSTS, 1924.

Stations.	Last in spring.	First in autumn.	Length growing season.	Stations.	Last in spring.	First in autumn	Lngth growing season
Amity	Apr. 2	.....	....	Junction	Apr. 2	*Oct. 24	205
Arkadelphia	Apr. 2	Oct. 25	206	Lambrook	Apr. 2	Oct. 23	204
Arkansas City	Apr. 3	Oct. 24	204	LITTLE ROCK	Apr. 1	Nov. 25	238
Arlberg	Apr. 1	Oct. 24	206	Lutherville	Apr. 1	Nov. 24	237
Batesville	†Apr. 3	Oct. 23	205	Magnolia	.....	*Nov. 25	....
Bee Branch	†Apr. 2	Oct. 23	204	Malvern	†Apr. 2	Oct. 24	205
Bentonville	Apr. 1	Oct. 24	206	Mammoth Spring	Apr. 2	Oct. 23	204
Black Rock	Apr. 2	Oct. 24	205	Marianna	†Apr. 2	Oct. 23	204
Booneville	Apr. 1	.....	....	Marked Tree	†Apr. 2	Oct. 23	204
Brinkley	Apr. 1	Nov. 25	237	Marshall	Apr. 2	Oct. 23	204
Calico Rock	Apr. 2	Oct. 23	204	Mena	†Apr. 2	Nov. 24	236
Camden	Apr. 2	Oct. 24	205	Morrillton	Apr. 2	.....	....
Centerpoint	Apr. 1	Nov. 25	237	Mountain Home	Apr. 19	Oct. 22	186
Clarendon	Apr. 2	Oct. 23	204	Mount Ida	Apr. 19	Oct. 23	187
Clinton	Apr. 2	Oct. 23	204	Murfreesboro	.....	.....	....
Conway	Apr. 2	Oct. 23	204	Nail	Apr. 1	.....	....
Corning	Apr. 2	*Oct. 27	203	Newport	Apr. 2	*Oct. 25	206
Dam No. 1	.....	Nov. 21	....	Okay	.....	.....	....
Danville	Apr. 2	Oct. 23	204	Osceola	Apr. 2	Oct. 23	204
Dardanelle	†Apr. 2	Oct. 23	204	Ozark	Apr. 1	Oct. 24	206
Dumas	†Apr. 2	Oct. 24	205	Patterson	Apr. 1	Oct. 24	206
Dutton	†Apr. 11	Sept. 30	172	Piggott	.....	Nov. 9	...
El Dorado	Apr. 1	Nov. 28	241	Pindal	Apr. 2	Oct. 22	203
England	Apr. 2	*Oct. 24	205	Pine Bluff	Apr. 1	Oct. 24	206
Eureka Springs	Apr. 1	*Oct. 23	205	Pocahontas	†Apr. 2	Nov. 25	237
Evening Shade	Apr. 1	*Oct. 22	204	Portland	†Mar. 15	Nov. 25	255
Fayetteville	†Apr. 1	*Oct. 23	205	Prescott	†Apr. 2	Nov. 25	237
Fort Smith	Apr. 1	Nov. 24	237	Princeton	Apr. 1	Oct. 24	206
Fulton	Apr. 1	Oct. 22	204	Rison	†Apr. 2	Oct. 23	204
Georgetown	Apr. 2	Oct. 23	204	Rogers	†Apr. 2	Oct. 24	205
Gilbert	.....	Oct. 22	....	Searcy	Apr. 2	*Oct. 24	205
Grannis	Apr. 2	Nov. 24	236	Snow Lake	.....	.....	....
Gravette	†Apr. 2	Sept. 30	181	Springbank	.....	Nov. 25	....
Harrison	.....	.....	....	Stuttgart	Apr. 2	Oct. 23	204
Helena	Apr. 2	Oct. 24	205	Subiaco	†Apr. 1	Oct. 23	205
Higden	Apr. 2	Oct. 23	204	Texarkana	†Apr. 1	Nov. 25	236
Hope	†Apr. 2	Oct. 25	206	Waldron	Apr. 2	Oct. 24	205
Hot Springs	Apr. 1	Nov. 19	232	Warren	.....	*Nov. 25	....
Huttig	†Apr. 1	Oct. 25	207	Whitecliffs	.....	Nov. 26	....
Jonesboro	Apr. 2	Nov. 19	231	Wynne	†Apr. 2	Oct. 24	205

†No killing frost recorded; last freezing temperature in spring.
*No killing frost recorded: first freezing temperature in autumn.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Monthly average.	Departure.	Highest.	Lowest.	Precipitation. Monthly average.	Departure.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes.	5.15		90	2	3.57		15	6	9	9
1891	49.7	−1.8	87	10	5.56	+1.99	13	7	10	8
1892	49.9	−1.6	79	20	5.83	+2.26	11	7	12	9
1893	49.3	−2.2	84	10	4.21	+0.64	14	8	8	5
1894	50.4	−1.1	87	12	1.12	−2.45	19	6	5	2
1895	49.9	−1.6	82	16	4.82	+1.25	14	5	11	6
1896	52.8	+1.3	88	8	4.34	+0.77	14	7	9	7
1897	51.6	+0.1	88	15	2.82	−0.75	16	6	8	6
1898	47.5	−4.0	87	9	3.20	−0.37	13	8	9	4
1899	54.3	+2.8	87	17	2.61	−0.96	13	8	9	6
1900	51.4	−0.1	90	18	4.28	+0.71	15	7	8	6
1901	50.5	−1.0	88	15	2.99	−0.58	16	7	7	5
1902	56.5	+5.0	90	18	6.66	+3.09	8	9	13	9
1903	47.6	−2.9	89	2	0.64	−2.93	13	9	8	3
1904	51.4	−0.1	89	17	1.38	−2.19	17	5	8	3
1905	53.2	+1.7	88	9	3.28	−0.29	16	5	9	5
1906	50.2	−1.3	88	13	5.90	+2.33	14	7	9	6
1907	49.0	−2.5	84	10	5.71	+2.14	16	5	9	6
1908	53.8	+2.3	88	5	5.40	+1.83	15	6	9	8
1909	59.3	+7.8	90	16	3.75	+0.18	13	8	9	7
1910	51.5	0.0	85	17	0.47	−3.10	16	9	5	3
1911	46.8	−4.7	86	5	3.18	−0.39	14	8	8	7
1912	50.5	−1.0	89	13	1.66	−1.91	19	7	4	2
1913	57.6	+6.1	85	20	2.47	−1.10	10	9	11	5
1914	52.6	+1.1	87	11	2.32	−1.25	15	6	9	4
1915	54.8	+3.3	87	17	5.40	+1.83	16	5	9	6
1916	52.1	+0.6	87	10	2.95	−0.62	20	4	6	5
1917	50.7	−0.8	85	11	1.96	−1.61	17	4	9	4
1918	49.7	−1.8	88	18	3.91	+0.34	15	4	11	6
1919	51.4	−0.1	86	14	6.27	+2.70	17	3	10	7
1920	47.8	−3.7	89	16	1.95	−1.62	15	4	11	5
1921	54.9	+3.4	88	17	5.53	+1.96	13	6	11	7
1922	52.9	+1.4	88	20	3.89	+0.32	16	6	8	6
1923	53.8	+2.3	88	21	3.34	−0.23	15	4	11	6
1924	53.4	+1.9	88	15	2.36	−1.21	16	5	9	4

*Based on 30 years record

Correction: Climatological data for 1923 should be Volume XXVIII instead of XXVII; and the months January to October, 1924 should be Volume XXIX instead of XXVIII.

Climatological Data for November, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	2.88	—0.67	2.40	0	3	13	0	17	n.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	0.90	—2.89	0.85	0	4	11	4	15	w.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.00	.....	1.25	0	3	18	7	5	ne.	J. D. Reeves.
Batesville	Independence	277	25	49.4	+ 0.2	88	2	17	29	56	1.68	—1.87	0.68	0	3	16	2	12	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	50.0	— 1.3	81	2†	17	29	47	1.88	—1.55	0.75	0	3	17	4	9	w.	J. E. Scanlan.
Bentonville	Benton	1303	19	50.8	+ 4.1	79	2	25	29	37	2.21	—0.78	1.44	0.4	6	19	6	5	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.99	—0.16	1.89	0	4	17	0	13	.....	Vernon C. Howe.
Booneville	Logan	465	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	54.5	+ 2.7	85	2	24	29	49	4.43	+0.24	2.12	0	6	20	2	8	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	49.0	+ .04	85	4	18	29†	52	2.76	—0.33	1.40	0	3	11	16	3	nw.	W. J. Copp.
Camden	Ouachita	158	39	53.6	+ 1.4	84	5	24	25	50	4.90	—0.83	3.27	0	5	12	3	15	n.	A. B. Quarterm
Center Point	Howard	470	25	56.6	+ 2.0	83	5	29	25†	30	3.50	+0.12	2.06	0	8	15	5	11	nw.	John C. Floyd. an
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	3.10	—1.91	1.22	0	7	12	4	14	s.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	1.18	.....	1.02	T.	3	18	5	7	n.	Dr. R. M. Hunter.
Conway	Faulkner	309	41	53.0	+ 1.2	84	4	21	29	50	1.89	—2.21	1.12	0	4	19	7	4	s.	E. E. Cordrey.
Corning	Clay	293	31	52.0	+ 4.0	87	2†	20	29	38	4.18	+0.50	2.25	0	4	24	1	5	n.	Winfred D. Polk.
Dam No. 1	White	190	2	.....	.....	.....	.....	.....	.....	.....	2.50	.....	1.25	0	3	20	5	5	ne.	I. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	1.62	—1.91	0.81	0	4	18	0	12	w.	C. P. Evans.
Dardanelle	Yell	330	38	51.8	— 0.6	73	6	26	25	36	1.95	—1.55	0.98	0	3	14	0	16	w.	J. D. Riley.
Dumas	Desha	162	18	54.7	+ 0.8	82	14	20	29	43	1.22	—2.67	0.67	0	3	18	8	4	n.	Ben Johnson.
Dutton	Madison	1590	21	47.8	+ 0.2	77	10	15	25	46	1.91	—1.48	0.92	T.	5	14	9	7	w.	J. M. Ricketts.
El Dorado	Union	270	23	57.8	+ 2.9	85	5	29	28†	45	1.52	—1.70	0.95	0	4	17	9	4	ne.	J. J. Babb.
England	Lonoke	229	17	53.7[d]	0.0	88[d]	3	22[d]	29	52[d]	2.71	—1.00	1.16	0	5	13[d]	6[d]	7[d]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	52.4	+ 0.8	81	3	22	24†	35	2.06	—0.88	0.88	T.	5	18	9	3	n.	Geo. W. Nicholds.
Evening Shade	Sharp	.....	2	51.6	.....	86	4	19	29	52	2.86	.....	0.98	0	4	15	7	8	w.	C. C. Price
Fayetteville	Washington	1451	37	51.7	+ 1.9	79	4	22	24	40	1.43	—1.65	0.72	T.	3	23	0	7	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	54.0	+ 3.0	82	5	27	25	37	0.89	—2.39	0.75	T	4	13	8	9	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	2.40	—1.11	1.65	0	4	16	2	12	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	1.90	—1.69	1.05	0	4	17	4	9	s.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	2.05	.....	1.11	0	3	11	12	7	.....	Ben F. Battenfield.
Grannis	Polk	900	6	53.0	.....	82	2	23	25	50	2.28	.....	0.60	0	8	17	3	10	se.	W. E. Mc Vay.
Gravette	Benton	1250	27	56.4	+ 7.0	82	4	15	27	37	3.31	+0.39	2.20	T.	4	16	7	7	w.	A. F. Stevens.
Harrison	Boone	1052	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	55.6[c]	.....	88	2†	25[f]	29	51[f]	1.84	—2.65	1.02	0	6	18	4	8	n	James A. Barnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	1.30	.....	0.72	0	3	20	8	2	nw	L. A. Ingram.
Hope	Hempstead	377	53	56.3	+ 1.7	87	5	25	25	47	2.90	—1.57	1.56	0	5	17	4	9	n	N. P. O' Neal
Hot Springs	Garland	600	33	54.2	+ 1.4	80	3†	28	25†	38	5.60	+1.30	2.35	0	6	16	5	9	...	P. P. Patraw.
Huttig	Union	175	17	57.9	+ 0.7	80	1	23	25	44	0.20	—3.14	0.20	0	1	18	1	8	se	J. L. Collett.
Jonesboro	Craighead	345	29	52.7	+ 1.3	85	4	26	29	43	1.81	—1.67	0.61	0	6	19	1	7	sw	Benedictine Sisters.
Junction	Union	182	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	18	29	.....	2.48	.....	2.00	0	2	16	8	6	....	A. A. Newton.
Little Rock	Pulaski	399	45	54.2	+ 2.1	80	2	30	25	34	2.54	2.05	1.17	0	6	14	8	8	s	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	52.4	+ 1.2	81	4	24	25	35	1.50	—1.93	1.50	T.	1	14	10	6	ne.	H. G. Lenhardt.
Magnolia	Columbia	315	6	56.6	.....	84	5	26	25	46	3.34	.....	1.65	0	4	16	5	9	ne.	State Agri. School.
Malvern	Hot Springs	277	37	53.8	+ 1.6	83	2	21	29	48	3.32	—1.26	1.27	0	4	17	3	10	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	47.1	— 1.5	83	4	17	29	48	1.41	—1.91	1.25	0	4	15	11	4	n.	F. M. Daniel.
Marianna	Lee	235	16	54.6	+ 2.6	80	4†	25	29	41	3.10	+0.10	1.37	0	5	8	10	12	ne.	C. N. Houck.
Marked Tree	Poinsett	229	19	51.0	.....	85	4†	21	28	48	1.77	—2.73	0.62	0	6	10	15	5	n.	Charles Walton.
Marshall	Searcy	1070	10	50.6	.....	81	2†	18	28	47	2.04	—1.85	0.90	0	3	17	0	13	s.	A. J. Park.
Mena	Polk	1185	38	54.4	+ 1.3	83	2	25	26†	45	3.17	—0.29	1.38	0	11	18	5	7	nw.	E. W. St. John.
Morrillton ††	Conway	347	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Henry Harless.
Mountain Home	Baxter	800	11	49.6	.....	82	3†	19	25	49	2.39	—0.96	1.52	0	5	19	1	10	n.	B. S. Halbert.
Mountain View	Stone	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Webb.
Mount Ida	Montgomery	730	25	52.0	.....	84	2	17	29	55	2.52	—1.52	1.00	0	5	16	2	12	nw.	A. A. Whittington.
Murfreesboro ††	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	3.29	—0.98	1.71	0	5	12	7	11	.....	Henry A. Davis.
Nail	Newton	2233	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Paxton.
Newport	Jackson	231	40	53.0	+ 2.0	85	2†	21	29	49	1.35	—3.05	0.85	0	3	21	9	0	e.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	51.4	+ 1.6	83	2	25	29	42	0.97	—3.88	0.45	0	4	19	8	3	.....	Mrs. Josephine Morris.
Ozark	Franklin	450	28	53.0	+ 0.8	83	3	22	25†	48	1.81	—1.37	1.04	T.	1	14	4	12	nw.	Isham Burrow.
Ozark Beach Mo	Taney	650	1	.....	.....	.....	.....	.....	.....	.....	2.05	.....	1.38	0	1	.....	.....	.....	.....	S. E. Guard.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	1.49	—3.55	0.97	0	3	17	0	13	n.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	3.11	.....	1.80	0	1	22	5	3	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	2.82	.....	1.50	0	5	16	7	7	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	55.8	+ 3.0	85	2	27	29	46	3.60	0.59	1.80	0	5	11	6	13	nw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	51.1	— 0.1	84	4	23	25†	49	3.55	+0.04	1.60	0	5	14	9	7	n.	Benedicitine Sisters.
Portland	Ashley	122	18	57.5	+ 3.6	84	5†	23	25†	43	0.94	—2.66	0.94	0	1	16	10	4	n.	W. E. Edmiston.
Prescott	Nevada	329	36	55.9	+ 1.7	85	5	25	25	45	2.03	—1.46	1.05	0	6	16	1	14	w.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	3.11	—0.85	1.23	0	4	18	0	12	ne.	Foote Coleman.
Rison	Cleveland	243	23	55.5	+ 2.4	83	5	25	25	42	4.61	+1.26	1.64	0	4	15	9	6	ne.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	50.8	+ 1.5	80	2†	21	29	46	1.75	—1.18	1.34	0.2	4	13	9	8	s.	Carl A. Starck.
Searcy	White	236	11	52.0	+ 1.3	85	3†	24	29	51	1.25	—1.23	0.50	0	5	17	8	5	s.	J. T. Bell.
Springbank	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	2.45	—1.02	1.00	0	5	17	0	13	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	53.8	+ 1.6	83	6	24	29	46	3.26	—0.73	1.54	0	3	16	8	6	nw.	Adam F. Buerkle.
Subiaco	Logan	1050	27	55.2	+ 2.2	87	3	26	25	44	1.66	1.46	0.65	0	4	17	7	6	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	58.0	+ 2.6	85	5	26	25	45	2.64	0.51	1.50	0	4	17	4	9	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	2.02	.....	0.88	0	5	16	3	11	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	56.6	+ 3.0	88	13	28	25	40	1.50	—2.47	0.80	0	2	19	8	3	s.	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	0.90	—2.04	0.90	0	1	15	3	12	nw.	Nannie O. Schirmer.
Wynne	Cross	250	18	53.1	+ 1.3	84	4†	21	29	43	2.94	—0.71	1.18	0	5	15	4	11	n.	E. O. Allen.
State Means and Extremes				53.4	+ 1.9	88	2†	15	25†	56	2.36	—1.21	3.27	0.3	4	16	5	9	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily Precipitation for November, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita								2.40			.20				.28																	
Arkadelphia	Ouachita															.28																	2.88
Arkansas City	Mississippi									.85	T.		.02			.01												.02					0.90
Arlberg	White											.85			1.25	.90																	3.00
Batesville	White								T.		T.		.77		.23	.68																	1.68
Bee Branch	Arkansas											T.	.55		.75	.58																	1.88
Bentonville ***	Arkansas							.43			.02	.05		.28	1.39											T.			.04				2.21
Black Rock	White												1.38	.02	.70	1.89																	3.99
Booneville	Arkansas																																
Brinkley	White							.32	1.18				2.12	.12	.31	.38																	4.43
Calico Rock	White							T.			T.		1.40		.10	1.26																	2.76
Camden	Ouachita								.57	.17			3.27	.85														.04					4.90
Center Point	Red							.24	2.06			.50	.12	.04	.28	.24					.02												3.50
Clarendon	White								1.22	.02			1.00	.50	.01	.33												.02					3.10
Clinton	White								T.			.06			.10	1.02													T.				1.18
Conway	Arkansas											.31	.32	.14	1.12																		1.89
Corning	White											.17	.76			2.25	1.00																4.18
Dam No. 1	White											1.75		.30		.45																	2.50
Danville	Arkansas							.08					.48		.25	.81																	1.62
Dardanelle	Arkansas												.98		.33	.64																	1.95
Dumas	Arkansas								.67				.50															.05					1.22
Dutton	White							.17		.11		.58			.92	.13										T.			T.				1.91
El Dorado	Ouachita								.95	.04			.15	.38																			1.52
England	Arkansas							.10	1.05	T.			1.16	T.	.05	.32																	2.71
Eureka Springs	White							.27				.34			.88	.52													.05				2.06
Evening Shade	White										.63	.45			.98	.80																	2.86
Fayetteville	White							.32		T.		T.			.72	.39										T.							1.43
Fort Smith ***	Arkansas							.05		.03	T.	.06		T.	.75														T.				0.89
Fulton	Red							T.	1.65	T.	T.	T.	.42	.13		.20					T												2.40
Georgetown	White								.10				.60	.15		1.05																	1.90
Gilbert	White								T.			T.	T.	.64		.30	1.11																2.05
Grannis	Red									.41	.05		.60	.31	.07	.20	.54					.10											2.88
Gravette	Arkansas							.53			.51	.07				2.20													T.				3.31
Harrison	White																																
Helena	Mississippi	.06							1.02	.38			.08	.06		.24																	1.84
Higden	White							T.				.26		.32	.72																		1.30
Hope	Red								1.56	.18			.81	.03		.32																	2.90
Hot Springs	Ouachita							T.	.85	T.	T.	.05	2.35	.01	1.62	.72													T.				5.60
Hottig	Ouachita								.20																								0.20
Jonesboro	White								.13			.02	.39	.10	.64	.53	T.																1.81
Junction	Ouachita																																
Lambrook	White						2.00						.48																				2.48
Little Rock ***	Arkansas							.31	.51			.53	.02	T.	1.02	.15										T.							2.54
Lutherville	Arkansas									T.		T.			1.50														T.				1.50
Magnolia	Red							.04	1.65				1.60			.05																	3.74
Malvern	Ouachita								2.25				.32		.25	.50																	3.32
Mammoth Spring	White										.03		.08		.05	1.25																	1.41
Marianna	Mississippi							.07	1.30				1.37	.02		.28																	3.10
Marked Tree	Mississippi							T.	.35	.01			.38	.28	.13	.62																	1.77
Marshall	White									T.	T.	.90		.61	.53																		2.04
Mena	Ouachita							.05	.38		.10	.02	.80	.02	.31	1.38	.01				.06	.04											3.17
Morrilton	Arkansas																																
Mountain Home	White							.07			.02	.18			1.52	.51													T.				2.30
Mt. View	White																																
Mount Ida	Ouachita								.29			.98		.12	.13	1.00																	2.52
Murfreesboro	Ouachita							.02	1.71					.13	.92	.51													T.				3.29
Nail	White																																
Newport	White							T.					.42		.08	.85																	1.35
Osceola	Mississippi									.45			.17	.18	.17																		0.97
Ozark	Arkansas							.02				.37			1.04	.38													T.				1.81
Ozark Beach, Mo.	White							.26					.05	.36		1.38																	2.05
Patterson	White								.26				.26			.97																	1.49
Piggott	St. Francis											.71	.06	.54	1.80																		3.11
Pindall	White							.10				.73		.01	1.50	.48																	2.82
Pine Bluff	Arkansas								1.80	.07	T.		.15	1.38		.20	T.																3.60
Pocahontas	White											.25	.65	.05	1.60	1.00																	3.55
Portland	Ouachita								.94																								0.94
Prescott	Ouachita								1.05	.16	.01		.40	.13		.28											T.						2.03
Princeton	Ouachita								1.23	.13			1.08	.72																			3.11
Rison	Ouachita								1.60				1.25	1.64		.15																	4.64
Rogers	Arkansas							.23				.18			.52	.82										T.			T.				1.75
Searcy	White							T.	.05			T.	.20	.25	.25	.50																	1.25
Springbank	Red							T.	.80	.20			1.00	.25			T.					T.	.10										2.45
Stuttgart	Arkansas											1.54	1.36	T.		.36																	3.26
Subiaco	Arkansas							.01		T.		.55			.65	.45																	1.66
Texarkana	Red							.01	1.50				.92									.21											2.64
Waldron	Arkansas							.16	.04			.88	.18		.76																			2.02
Warren	Ouachita							.80		T.			.70			T.																		1.50
Whitecliffs	Red								.90																								0.90
Wynne	Mississippi							1.18	.06			.59	.16		.95																			2.94

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily River Stages for November, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	4.0	4.1	4.5	7.4	10.6	11.0	8.6	7.4	6.8	6.4	6.0	5.6	5.3	5.2	5.0	4.9	
Dardanelle	do	20	1.5	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.5	1.6	1.5	1.5	1.8	6.5	7.8	6.1	4.9	4.2	3.7	3.2	3.1	2.8	2.6	2.4	
Little Rock	do	23	-0.9	-1.0	-1.0	-1.0	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.4	-1.4	-1.4	-1.3	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	0.5	4.5	4.4	3.0	2.0	1.3	0.9	0.6	0.5	0.2	
Pine Bluff	do	25	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.7	2.4	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	4.6	8.3	8.3	7.2	6.4	5.6	5.2	4.9	4.4	
Black Rock	Black	14	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	2.6	2.4	2.4	4.6	3.6	3.2	2.8	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	
Calico Rock	White	18	0.1	0.1	0.4	0.2	0.1	0.0	0.0	-0.2	-0.1	-0.1	0.0	0.1	-0.1	-0.1	0.9	0.7	0.9	1.9	1.4	1.7	1.2	1.1	1.2	1.0	0.6	0.3	0.9	0.7	0.4	0.5	
Batesville	do	23	4.8	4.8	4.9	5.0	5.0	4.9	4.8	4.5	4.6	4.6	4.6	5.1	5.0	4.8	5.6	5.8	5.5	5.9	6.8	5.4	5.6	6.0	5.8	6.0	5.8	5.4	5.2	5.2	5.4	5.2	
Newport	do	26	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.6	1.5	1.6	1.3	3.0	3.1	2.8	2.7	2.7	2.7	2.6	2.5	2.2	2.1	1.9	1.7	1.5	1.5	1.5	
Georgetown	do	22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.8	1.8	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.6	1.6	1.6	1.4	
Clarendon	do	30	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.2	7.2	7.2	7.1	7.2	7.2	7.1	7.1	7.3	7.4	7.6	8.1	8.5	8.6	8.7	8.8	8.9	8.9	8.7	8.6	8.4	8.3	8.1	
Helena	Mississippi	42	4.7	4.4	4.2	3.9	3.7	3.7	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
Arkansas City	do	45	9.4	9.2	9.0	8.9	8.7	8.5	8.4	8.2	8.2	8.2	8.2	8.9	8.3	8.5	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.5	8.6	9.1	9.6	9.6	9.6	9.5	9.4	
Camden	Ouachita	49	2.1	2.8	2.8	3.0	3.0	2.9	2.9	2.9	3.0	3.1	4.3	4.8	4.8	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.8	3.8	
Danville	Petit Jean	20	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	2.4	2.4	2.0	1.6	1.6	1.4	1.2	1.1	1.0	1.0	0.8	0.8	0.8	0.7	0.7	
Fulton	Red	28	6.6	6.5	6.4	5.5	5.3	5.3	5.5	6.0	5.9	5.8	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Arkadelphia	Ouachita	18	-0.6	-0.6	-0.6	-0.6	0.6	-0.3	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-1.6	-0.6	
Patterson	Cache	9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.5	3.9	4.4	4.8	4.9	

Daily Temperatures for November, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	79	88	81	81	78	77	69	60	63	74	70	51	63	51	61	65	62	57	60	53	65	66	63	46	56	55	52	54	52	65	....	63.9
	Minimum	31	32	33	33	40	53	66	41	28	34	50	45	46	49	40	33	29	29	26	27	30	40	31	35	21	21	35	30	17	18	....	34.8
Bee Branch	Maximum	75	81	80	81	80	76	74	61	60	72	69	67	63	62	61	65	61	57	58	55	65	64	61	51	55	52	52	48	51	65	....	64.1
	Minimum	33	34	36	41	46	61	51	37	29	50	55	41	43	44	49	35	29	33	25	27	35	34	34	25	20	26	25	27	17	31	....	35.8
Bentonville	Maximum	74	79	78	77	78	78	71	60	63	70	73	63	74	47	49	57	61	53	60	60	60	65	53	38	55	58	46	43	51	61	....	61.8
	Minimum	38	42	48	54	60	68	37	36	37	51	42	35	47	44	43	40	37	36	32	36	42	39	34	25	27	36	27	32	25	38	....	39.7
Booneville	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brinkley	Maximum	81	85	82	82	82	82	75	69	55	77	75	70	73	70	63	68	60	59	64	60	61	68	70	56	58	64	55	50	53	69	....	68.0
	Minimum	46	36	38	40	55	63	53	41	41	47	61	49	47	50	44	39	36	39	31	32	43	41	41	35	25	33	35	34	24	30	....	41.0
Calico Rock§§§	Maximum	80	80	84	85	77	77	65	63	65	75	63	54	75	52	59	63	66	57	61	56	64	65	55	45	61	53	52	48	53	65	....	63.9
	Minimum	31	31	32	33	39	63	64	39	27	27	55	37	36	48	38	34	30	30	29	29	30	37	31	31	22	23	33	29	18	18	....	34.1
Camden§§§	Maximum	78	82	80	80	84	81	77	49	58	75	78	57	76	80	63	67	60	53	60	56	66	70	71	53	61	59	57	59	57	74	....	67.4
	Minimum	34	32	34	38	44	58	65	44	44	47	53	55	52	56	49	38	37	36	32	33	37	40	38	36	24	29	35	25	24	26	....	39.8
Center Point	Maximum	78	82	80	81	83	78	75	62	56	72	76	68	69	79	72	69	61	61	58	53	67	68	67	53	58	59	58	55	56	70	....	67.5
	Minimum	52	52	54	54	58	65	55	44	46	50	63	56	53	53	51	42	43	40	40	41	49	52	65	67	69	52	60	55	55	49	50	70	....	66.7
Conway	Maximum	79	83	83	84	82	78	76	67	59	76	75	66	68	67	63	66	64	59	61	52	65	67	69	52	60	55	55	49	50	70	....	66.7
	Minimum	34	33	35	39	53	68	56	41	39	49	58	49	49	47	45	44	32	41	29	30	36	37	38	32	22	32	31	28	21	29	....	39.2
Corning	Maximum	86	87	87	84	85	76	74	56	65	75	71	75	62	63	46	63	62	58	60	56	65	63	76	54	55	67	54	46	42	62	....	65.8
	Minimum	49	52	61	46	51	49	52	38	32	49	60	41	39	42	36	32	26	36	25	28	36	34	41	26	22	31	30	31	20	32	....	38.2
Dardanelle	Maximum	72	71	68	70	71	73	69	68	69	70	69	68	70	67	66	64	66	67	68	66	66	64	62	57	56	57	59	54	52	58	....	65.2
	Minimum	40	38	39	41	47	50	52	42	42	46	48	44	42	44	39	34	33	34	32	33	36	38	39	36	26	33	33	38	27	32	....	38.4
Dumas	Maximum	73	78	80	80	81	81	74	58	59	76	80	68	80	82	61	64	70	61	59	61	61	67	72	58	58	58	55	57	53	69	....	67.8
	Minimum	35	35	55	40	44	60	58	43	45	47	59	54	53	60	45	35	35	35	58	29	29	43	39	37	38	21	32	35	26	20	39	....	41.6
Dutton	Maximum	71	75	76	75	75	76	72	64	58	77	66	64	70	65	56	58	61	55	58	55	59	63	52	45	53	51	50	43	50	63	....	61.9
	Minimum	28	29	32	39	51	65	42	34	29	47	58	31	46	46	42	30	27	34	24	29	33	31	32	22	15	28	22	25	15	29	....	33.8
El Dorado	Maximum	78	82	82	81	85	83	79	60	65	75	77	69	80	83	76	67	63	62	61	60	65	71	75	75	65	61	60	63	57	75	....	71.2
	Minimum	40	41	40	46	57	63	60	46	47	52	59	61	55	64	51	41	40	42	35	34	41	42	44	30	30	33	38	29	29	44	....	44.5
England	Maximum	79	85	88	84	82	81	73	58	58	....	....	70	74	66	64	....	62	59	....	61	65	70	72	55	61	62	64	50	58	71	....	68.1
	Minimum	35	35	36	39	54	63	57	40	42	....	....	46	48	50	44	....	34	40	....	30	40	40	40	31	24	34	31	30	22	38	....	39.3
Eureka Springs	Maximum	77	80	81	80	80	78	71	64	65	73	72	67	72	53	51	61	64	55	66	63	61	65	58	47	56	55	51	45	51	64	....	64.2
	Minimum	43	54	51	59	60	65	38	34	36	51	60	35	46	41	40	38	38	34	31	35	44	39	42	22	27	42	26	30	22	39	....	40.7
Evening Shade	Maximum	80	85	85	86	79	78	76	60	78	70	70	71	70	65	56	65	66	58	61	55	67	66	62	61	60	54	54	50	51	60	....	66.6
	Minimum	32	33	34	39	44	65	52	40	26	61	41	48	46	46	38	30	30	35	27	30	37	43	31	33	22	27	34	29	19	28	....	36.7
Fayetteville	Maximum	74	78	78	79	78	77	72	64	62	70	72	78	71	68	48	59	62	56	56	60	60	66	58	42	59	56	55	45	50	62	....	63.9
	Minimum	35	41	47	57	57	66	46	36	35	40	49	38	56	42	41	39	38	33	28	38	42	39	42	22	26	30	26	30	25	41	....	39.5
Fort Smith	Maximum	77	79	81	80	82	80	74	61	53	77	78	62	78	59	52	64	64	58	62	53	64	69	57	46	59	61	50	47	55	68	....	65.0
	Minimum	41	42	46	50	58	70	46	44	46	52	53	45	52	49	45	44	40	42	37	41	38	43	44	30	27	36	32	34	30	37	....	43.1
Gravannis	Maximum	81	82	78	78	80	80	71	71	54	71	79	72	67	75	68	68	61	61	61	61	65	64	67	68	57	59	60	59	59	71	....	68.3
	Minimum	38	37	39	49	30	30	51	42	44	49	52	51	52	60	47	37	36	37	34	36	34	37	37	28	23	30	30	24	24	25	....	37.8
Gravette	Maximum	75	78	77	82	80	79	75	64	63	71	73	66	72	61	47	57	63	58	63	59	61	67	61	46	56	59	52	45	50	62	....	64.1
	Minimum	69	69	67	67	73	75	45	46	54	55	60	60	60	40	40	45	51	40	41	50	54	55	46	37	37	40	15	31	16	25	....	48.8
Helena	Maximum	82	88	85	85	88	83	75	52	71	82	77	71	78	71	68	66	70	62	70	63	73	69	71	58	60	55	56	53	56	71	....	70.3
	Minimum	40	37	42	41	43	54	61	44	43	46	46	43	51	58	43	38	....	....	....	....	....	....	41	36	27	26	36	31	25	27	....	40.8
Hope	Maximum	81	84	82	84	87	85	76	56	55	77	80	69	78	83	72	68	60	61	62	65	68	71	60	55	62	63	59	59	59	74	....	69.8
	Minimum	40	37	38	43	61	62	55	41	44	45	63	52	54	63	50	39	43	40	34	36	39	59	43	34	25	36	33	31	26	39	..	42.8
Hot Springs	Maximum	76	75	80	80	89	77	75	60	54	72	72	68	64	64	63	67	60	60	57	53	65	69	66	54	60	56	56	53	56	72	....	65 5
	Minimum	40	41	42	45	56	66	56	42	45	51	59	51	50	54	46	43	38	38	34	35	39	40	44	33	28	35	36	36	28	40	....	43.0
Huttig	Maximum	80	80	83	82	84	85	82	79	68	77	77	79	82	85	83	68	68	67	61	66	69	72	79	73	59	61	61	63	61	76	....	73.5
	Minimum	35	37	35	41	50	61	61	49	49	52	65	57	64	58	51	38	35	41	30	30	40	40	39	40	23	24	40	25	26	32	....	42.3
Jonesboro	Maximum	77	82	81	85	78	79	74	59	63	76	72	70	64	63	51	64	64	53	59	54	64	63	67	50	55	56	52	47	47	63	....	64.4
	Minimum	39	39	42	51	58	65	59	39	31	50	61	45	45	46	40	39	33	38	28	33	40	44	38	38	28	31	35	35	26	35	...	41.0
Junction	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Little Rock	Maximum	76	80	79	78	79	78	71	55	56	71	73	61	71	64	63	64	58	56	58	54	64	67	67	46	56	56	51	46	55	68	....	64.1
	Minimum	46	46	48	49	57	66	48	42	46	52	61	49	48	47	45	45	43	45	39	36	42	44	44	34	30	37	37	35	31	40	....	44 4
Lutherville	Maximum	75	80	80	81	79	77	65	61	56	73	70	65	70	67	57	63	59	58	58	53	63	64	62	45	55	54	52	46	50	67	...	63.5
	Minimum	49	45	47	49	56	61	53	38	35	48	62	42	48	49	44	41	36	38	32	36	37	37	43	28	24	35	29	31	25	38	....	41.2
Magnolia	Maximum	80	82	82	80	84	82	76	60	60	75	78	72	77	81	72	64	63	61	62	56	65	73	74	58	60	61	61	63	62	75	....	70.0
	Minimum	38	37	36	46	59	65	58	45	46	52	64	56	55	54	49	40	39	40	36	43	39	37	38	36	26	36	29	28	27	41	....	43.2
Malvern	Maximum	77	83	81	80	81	79	75	60	55	75	77	70	68	67	63	68	62	61	60	52	65	71	70	57	60	57	57	55	57	73	....	67.2
	Minimum	36	35	37	38	49	61	58	43	45	49	61	53	50	55	47	49	35	35	36	32	36	35	38	34	23	30	33	27	21	33	....	40 3
Mammoth Spg. §§§	Maximum	76	76	79	83	77	76	62	56	64	74	67	54	67	48	49	60	62	52	57	55	61	62	57	42	54	52	47	45	45	60	....	60.6
	Minimum	32	32	34	35	40	61	61	38	26	26	54	36	38	45	39	30	27	30	24	25	28	40	30	32	21	21	31	28	17	26	....	33 6
Marianna	Maximum	73	78	79	80	80	80	76	59	75	76	75	72	76	70	58	65	64	60	60	61	64	65	69	70	56	54	56	55	52	63	....	67.4
	Minimum	38	39	38	43	56	62	57	41	44	44	62	50	50	51	46	39	38	40	30	32	43	42	38	37	28	35	33	32	25	38	....	41.7
Marked Tree §§§	Maximum	84	83	85	79	80	79	48	65	83	85	54	73	52	58	67	67	56	60	60	72	65	65	49	55	54	53	47	48	63	43	....	64 4
	Minimum	36	36	37	44	57	64	40	31	41	48	50	47	50	43	36	32	34	28	30	33	39	36	38	25	27	35	31	21	28	27	....	37.5
Marshall	Maximum	76	81	81	80	77	77	74	59	58	73	65	74	71	60	61	64	60	59	55	62	64	63	48	50	54	50	47	57	54	62	....	63.9
	Minimum	33	34	35	47	60	66	49	36	35	50	36	42	47	39	36	33	32	29	34	43	35	37	28	22	39	28	34	18	22	36	....	37.2
Mena	Maximum	77	83	82	80	80	80	72	63	56	73	73	65	68	68	58	64	61	58	58	50	62	67	69	55	57	57	53	48	70	70	....	65.9
	Minimum	41	45	47	50	62	63	54	41	49	48	49	49	54	58	44	40	48	38	32	36	38	40	45	30	36	25	29	33	25	40	....	43.0
Morrillton	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mt. Home	Maximum	79	80	83	83	79	77	73	63	64	75	69	63	79	67	55	64	67	57	62	57	65	64	54	45	60	54	51	49	50	64	....	65.1
	Minimum	30	31	36	41	50	52	43	32	25	46	58	30	43	41	31	35	28	35	24	27	32	36	32	24	19	30	27	28	20	35	....	34.1
Mt. Ida	Maximum	78	84	83	80	82	80	75	62	56	74	70	61	69	66	61	68	67	63	63	60	51	65	72	67	52	62	57	57	53	60	75	....	66.9
	Minimum	29	29	30	34	61	67	53	42	49	47	50	45	52	55	47	38	39	32	25	27	31	30	39	30	18	30	26	23	17	31	....	37.2
Newport	Maximum	77	85	83	85	79	80	73	61	67	78	75	72	69	65	60	70	65	62	61	59	65	70	67	58	57	55	54	52	53	64	....	67.4
	Minimum	35	36	36	43	51	65	51	41	34	51	55	46	48	45	41	33	32	39	29	29	38	35	37	36	25	30	33	30	21	32	....	38.6
Osceola	Maximum	74	83	83	83	73	80	72	47	62	50	75	74	71	40	42	41	65	55	60	55	64	54	55	49	55	53	50	52	35	37	....	59.6
	Minimum	61	67	41	49	57	63	61	40	33	4	61	49	49	39	40	41	32	40	30	32	40	39	40	36	38	35	34	47	25	26	....	43.1
Ozark	Maximum	80	81	83	81	82	81	76	76	73	71	74	70	75	67	51	65	61	57	60	55	66	65	62	50	57	58	50	51	52	70	....	66.9
	Minimum	39	31	36	42	52	65	50	51	48	42	63	40	55	51	45	37	35	34	31	35	36	38	32	30	22	31	28	26	22	22	....	39 1
Pine Bluff	Maximum	80	85	83	83	82	81	74	59	57	76	77	69	74	72	64	71	62	61	62	55	68	72	72	55	62	58	57	53	60	74	....	68 6
	Minimum	39	39	41	43	56	63	59	42	45	47	49	48	50	55	50	41	38	41	38	34	41	41	46	38	29	36	35	34	27	44	..	43.0
Pocahontas	Maximum	76	85	81	84	79	78	75	59	64	74	69	67	63	62	46	64	64	58	59	54	64	65	61	47	57	54	51	47	46	64	....	63.8
	Minimum	34	34	40	42	49	65	58	40	29	51	60	42	46	45	38	32	30	42	27	31	38	42	34	35	23	33	35	30	23	30	....	38.4
Portland	Maximum	75	72	79	80	84	84	79	74	65	76	80	80	81	79	70	65	70	65	59	65	70	68	80	69	57	59	59	60	55	72		71.0
	Minimum	38	36	36	41	53	65	64	47	48	51	61	67	56	60	50	38	36	45	32	32	41	44	58	40	23	31	42	26	23	36	....	44.0
Prescott	Maximum	78	82	81	82	85	83	76	59	55	75	78	75	73	83	74	68	60	62	60	56	69	70	69	58	61	60	59	59	57	73	....	69.3
	Minimum	38	37	49	44	55	65	56	42	45	49	59	51	52	61	48	41	37	39	33	36	38	38	42	34	25	33	33	31	28	36	....	42.5
Rison	Maximum	76	81	80	80	83	80	77	60	57	76	76	71	79	78	79	62	60	58	60	55	67	70	72	59	60	51	57	56	57	73	..	68.3
	Minimum	29	33	49	42	58	60	59	41	44	48	60	50	50	51	53	45	38	40	33	32	40	38	45	35	25	33	36	32	26	41	....	42.7
Rogers	Maximum	76	80	80	78	80	79	72	62	66	72	74	67	75	55	51	58	62	56	63	60	60	65	57	46	57	58	52	42	52	62	....	63.9
	Minimum	32	34	37	47	59	66	39	36	31	52	57	37	50	42	43	37	31	33	26	30	40	36	36	23	23	43	24	31	21	35	....	37.7
Searcy	Maximum	78	84	85	86	80	79	78	56	55	75	74	72	64	65	62	65	62	58	59	52	64	64	67	56	56	55	53	51	52	66	....	65.7
	Minimum	33	33	34	35	50	65	55	41	34	50	57	47	47	47	43	35	32	39	28	29	38	35	33	32	28	30	32	30	24	30	....	38.2
Stuttgart	Maximum	76	82	82	82	82	83	73	70	78	76	76	72	75	67	61	61	64	58	61	59	64	67	68	58	58	56	53	50	55	57	....	67.5
	Minimum	36	36	36	43	52	61	42	41	49	46	51	47	48	50	44	38	32	37	35	32	42	39	41	34	25	33	33	31	24	41	....	40.0
Subiaco	Maximum	84	84	87	85	86	83	75	65	59	78	77	66	77	70	55	66	62	65	64	61	66	70	65	51	61	61	57	51	57	72	....	68.7
	Minimum	38	40	43	48	58	70	53	40	41	51	62	46	49	43	44	43	36	40	34	37	39	43	39	29	26	33	30	33	27	36	....	41.7
Texarkana	Maximum	82	83	84	83	85	83	72	58	62	71	72	72	75	82	73	67	66	65	63	62	68	71	72	61	62	65	61	63	63	72	....	70.7
	Minimum	44	46	39	47	59	66	58	50	47	52	63	58	59	65	47	45	43	40	36	44	40	36	47	34	26	36	32	30	37	40	....	45.3
Warren	Maximum	74	78	79	80	82	80	79	65	58	76	75	75	88	79	75	64	66	62	58	57	68	69	73	66	58	58	58	58	55	73	....	69.3
	Minimum	42	40	59	42	53	65	62	44	46	50	60	55	53	59	47	42	39	44	34	32	42	42	46	39	28	34	39	31	30	40	....	43.9
Wynne	Maximum	79	81	82	84	79	81	74	65	71	71	73	71	69	67	57	65	65	57	60	58	62	64	67	54	56	53	53	47	49	64	....	66.1
	Minimum	37	40	39	45	57	67	50	41	36	40	57	48	48	49	40	36	38	35	30	36	42	37	40	30	25	37	34	32	21	37	....	40.1

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist.

VOL. XXIX. LITTLE ROCK, ARK., DECEMBER, 1924. No. 12

GENERAL SUMMARY.

December was a month of abnormal temperatures. On the 6th, 7th, 15th, 16th, 17th, and 18th temperatures closely approached the highest December temperatures on record throughout the State while the last decade was decidedly cold. A minimum of 8° below zero occurred at Gravette, this being the lowest temperature of the year and the lowest December temperature reported since 1917, when the lowest on record, 21° below zero, occurred at Gravette and Mammoth Spring. Practically all of the precipitation fell from the 4th to the 8th, 16th to 19th, 22d to 24th, and 30th and 31st. The rains were very favorable for winter crops and at the close of the month the soil moisture was sufficient for plowing in most sections. The low temperatures of the last decade killed some late sown wheat and oats and stopped outdoor work except butchering, hauling wood, logging, and spraying and pruning orchards. Snow fell over most of the northern half of the State varying from 4.0 inches at Corning to a trace at numerous stations. Sleet occurred from the 18th to the 24th at a number of places but the damage was slight. The 7th was an abnormally warm day and in the afternoon wind, rain, and hailstorms occurred at a number of stations. At Hot Springs the damage was heaviest and the aggregate for the entire State amounted to several thousand dollars. A tornado moving from the southwest to the northeast over a path about 150 yards wide destroyed several houses, barns, and considerable timber near Beebeville, Woodruff County, the afternoon of the 7th Three members of one family were killed and another lost the sight of an eye as a result of the storm. On the evening of the 7th a man was killed by lightning at Magnolia and a barn was destroyed by lightning at Pine Bluff, the loss being estimated at $6,000.

W. C. H.

TEMPERATURE.

The mean temperature for the State during December, as determined from the records of 54 stations, was 41.4° which is 1.7° below normal, 12 stations only showing monthly means above normal and these were confined principally to the southern counties. Monthly means ranged from 49.6° at Huttig to 33.2° at Mammoth Spring. Extremes ranged from 86° at Grannis on the 14th to 8° below zero at Gravette on the 25th. Extremes occurred on about these dates over the greater part of the State. The greatest daily range was 57° at Mount Ida on the 19th.

PRECIPITATION.

The average precipitation for December, as determined from the records of 73 stations, was 3.65 inches which is –0.44 inch below normal. Positive and negative departures occurred throughout the State. Monthly totals ranged from 1.00 inch at Whitecliffs to 5.85 inches at Dutton and Pine Bluff. The greatest amount measured in 24 consecutive hours was 3.70 inches at Pine Bluff on the 8th. An appreciable amount of snow fell at 18 stations and averaged 1.0 inch. The average number of rainy days was 6.

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms:- 2d, 1; 4th, 6; 5th, 1; 6th, 8; 7th, 31; 8th, 10; 14th, 1; 15th, 1; 17th, 1; 18th, 5; 19th, 3.

Solar Halos:- 6th, 1; 15th, 1.

Lunar Halos:- 5th, 1; 8th, 1; 12th, 1.

Sleet:- 10 th, 1; 18th, 2; 19th, 10; 21st, 1; 22d, 11; 23d, 8; 24th, 7; 28th, 1; 29th, 4.

Heavy Hail:- 7th, Helena, Danville, Grannis, Hot Springs, Searcy, Morrillton, Perry.

Moderate Hail:- 7th, Rogers, Eureka Springs, Stuttgart, Benton.

MISCELLANEOUS DATA.

Stations.	Pressure (Sea-level).					Wind.				Relative humidity.		Percentage of sunshine.
	Mean.	Highest.	Date.	Lowest.	Date.	Total movement miles	Maximum velocity.	Direction.	Date.	7 a. m.	7 p. m.	
Bentonville..	30.20	31.03	29	29.56	7	4,076	14	sw.	5	.....	.....	59
Fort Smith...	30.29	30.97	20	29.56	7	7,063	34	w.	7	76	66	56
Little Rock	30.29	30.92	29	29.58	7	7,204	42	s.	7	71	55	54
Memphis....	30.21	30.91	20	29.66	8	5,908	50	w.	7	74	59	52

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip.01 or more.
*Means and Extremes.	42.1		88	-21	4.09		12	6	13	
1891.....	46.9	+4.8	72	13	4.69	+0 60	14	7	10	7
1892.....	40.9	-1.2	83	- 7	8.79	+4.70	7	6	18	10
1893.....	45.4	+3.3	79	3	1.83	-2.26	14	8	9	5
1894.....	44.6	+2.5	82	-11	3 48	-0.61	14	6	11	6
1895.....	43 8	+1.7	78	5	3.96	-0 13	13	6	12	7
1896.....	45.8	+3 7	81	8	0.84	-3.25	8	7	16	8
1897.....	40.3	-1.8	86	10	6.00	+1.91	10	5	16	8
1898.....	39.5	-2.6	76	- 4	1.87	-2.22	16	6	9	5
1899.....	41.0	-1.1	74	8	4.08	-0.01	15	7	9	7
1900.....	44.9	+2.8	82	10	2.76	-1.33	16	6	9	5
1901.....	38.5	-3.6	87	- 6	4.42	+0.33	12	6	13	6
1902.....	40.8	-1.3	86	5	5.71	+1.62	10	6	15	8
1903.....	39.7	-2.4	74	6	3.44	-0.65	18	5	8	6
1904.....	42.9	+0.8	80	3	5.10	+1.01	12	7	12	7
1905.....	38.5	-3.6	70	7	4.96	+0.87	14	5	12	9
1906.....	46.5	+4.4	83	10	5.64	+1.55	8	7	16	8
1907	44.4	+2.3	85	11	2.70	-1.39	12	6	13	7
1908.....	45.0	+2.9	82	11	1.50	-2.59	13	7	11	5
1909.....	35.3	-6.8	82	1	5.26	+1.17	14	6	11	9
1910.....	40.8	-1.3	75	9	3.57	-0.52	13	6	12	6
1911.....	43.0	+0.9	78	3	7.00	+2.91	10	7	14	12
1912.....	41.7	-0.4	76	8	2.63	-1.46	14	7	10	7
1913.....	43.6	+1.5	77	14	3.26	-0.83	7	7	17	9
1914.....	36.1	-6.0	70	-11	6.26	+2 17	8	4	19	12
1915.....	43.9	+1.8	78	11	4.73	+0.64	12	4	15	7
1916.....	42.1	0.0	82	-16	3.35	-0.74	14	6	11	6
1917.....	34.8	-7.3	81	-21	1.29	-2.80	13	6	12	3
1918.....	47.6	+5.5	88	9	5.62	+1.53	14	5	12	7
1919.....	40.4	-1.7	78	1	1.94	-2.15	13	4	14	5
1920.....	43 2	-1.1	74	6	5.95	+1.86	13	5	13	8
1921.....	47.1	+5 0	82	11	2.78	-1.31	13	6	12	6
1922.....	47.8	+5 7	86	12	4 59	+0.50	12	5	14	9
1923.....	49.1	+7.0	80	9	6.24	+2.15	9	5	17	13
1924.....	41.4	-0 7	86	8	3.65	-0.44	14	5	12	6

*Based on 30 years record.

Climatological Data for December, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, (Degrees Fahrenheit).								Precipitation, inches.				Number of days.				Prevailing direction of wind.	Observers.
			Length of record, years.	Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Totals.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	with precipitation, 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	2.84	−2.00	0.95	0	5	10	0	21	n.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	4.08	−0.81	1.50	0	10	11	2	18	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.70	.....	1.10	1.0	5	12	7	12	se.	J. D. Reeves.
Batesville	Independence	277	25	37.4	− 3.2	76	7	5	28	48	3.05	−0.86	0.91	0.5	8	12	3	16	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	39.0	− 3.2	75	7	0	28	40	3.13	−0.82	0.97	1.0	5	15	2	14	w.	J. E. Scanlan.
Bentonville	Benton	1303	19	34.2	− 3.3	75	16	1	19	23	3.68	+0.92	1.89	1.1	9	16	6	9	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.25	−0.50	1.10	T.	6	12	0	19	.....	Vernon C. Howe.
Booneville	Logan	465	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	43.4	0.0	82	17	8	28	50	4.25	−0.69	1.42	0	7	16	4	11	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	36.0	− 3.5	80	16	3	28†	48	5.10	+2.11	1.80	1.0	7	8	9	14	s.	W. J. Copp.
Camden	Ouachita	158	39	43.7	− 1.4	81	16	11	26	43	4.34	−0.33	1.94	0	8	10	6	15	ne.	A. B. Quarterman
Center Point	Howard	470	25	44.6	0.0	78	7†	12	25	53	2.06	−2.19	0.70	0	8	12	6	13	ne.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	4.83	−0.18	2.34	0	8	9	4	18	sw.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	2.50	.....	0 85	T.	4	17	4	10	n.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	42.2	0.0	79	7	8	28	46	4.67	+0.53	1.87	0	5	16	10	5	n.	E. E. Cordrey.
Corning	Clay	293	31	36.3	− 3.1	75	7	− 4	28	49	2.50	−1.45	1 16	4.0	4	11	0	20	ne.	Winfred D. Polk.
Dam No. 1‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	3.04	.....	1.56	T.	3	20	5	6	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	3.68	+0.72	0.93	T.	8	14	0	17	w.	C. P. Evans.
Dardanelle	Yell	330	38	38.2	− 4.0	65	16	9	28	36	3.46	+0.26	0.83	0	5	14	0	17	e.	J. D. Riley.
Dumas	Desha	162	18	44.0	+ 3.3	80	16	12	21†	42	5.78	+0.42	2.97	0	10	15	13	3	s.	Ben Johnson.
Dutton	Madison	1590	21	35.4	− 2.0	78	17	0	28	38	5.85	+2.42	3.63	1.0	6	14	5	12	s.	J. M. Ricketts.
El Dorado	Union	270	23	47.4	+ 1.4	83	16	13	26	37	5.02	+0.36	1.90	0	10	8	9	14	ne.	J. J. Babb.
England	Lonoke	229	17	43.4	+ 0.2	81	16†	9	28	47	3.43	−1.15	0.75	0	7	20	2	9	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	37.0	− 2.2	77	16	0	28	37	5.84	+3.42	3.19	1.0	7	11	10	10	n.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	47.6[l]	.....	77[m]	7	8[h]	20	50[g]	.....	.....	.....	.....	.....	8[k]	6[k]	6[k]	.....	C. C. Price.
Fayetteville	Washington	1451	37	37.4	− 2.5	74	16	1	19†	36	3.68	+1.07	2.10	0.6	8	13	0	18	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	38.4	− 3.7	77	16	9	20	40	4.44	+1.56	2.51	T.	9	11	7	13	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	2.68	−1.63	1.05	0	6	11	5	15	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	4.08	- 0.69	1.45	0	6	13	2	16	s	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	2.80	.....	1.80	0.5	5	9	12	10	.....	Ben F. Battenfield.
Grannis	Polk	900	6	45.7	.....	86	14	9	20	56	2.08	.....	0.80	0	6	16	1	14	n.	W. E. Mc Vay.
Gravette	Benton	1250	27	35.3	− 2.3	75	16	− 8	25	38	5.36	+3.17	3.15	0.5	6	14	6	11	ne.	A. F. Stevens.
Harrison	Boone	1052	25	36.8	.....	78[a]	14†	1	28	44[a]	....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	42.8	− 2.0	81	16	8	28	47	4.80	−0.14	2.28	T.	10	16	2	13	s.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	3.20	.....	2.02	T.	4	17	4	10	nw.	J. A. Ingram.
Hope	Hempstead	377	53	45.6	− 1.1	83	17	13	26	37	2.05	−2.29	0.80	0	6	12	2	17	ne.	N. P. O' Neal.
Hot Springs	Garland	600	33	43.4	+ 2.8	78	7†	9	28	51	2.97	−1.21	1.45	T.	7	12	6	13	....	P. P. Patraw.
Huttig	Union	175	17	49.6	+ 0.8	84	17	12	27	43	4.60	−0.35	2.30	0	5	11	5	15	n.	J. L. Collett.
Jonesboro	Craighead	345	29	35.0	− 6.0	77	17†	9	20†	47	4.87	+0.25	2.11	T.	9	18	3	10	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	30	46.4	+ 0.3	83	16	11	26	41	4.24	+0.47	1.87	0	4	16	2	13	n.	J. A. Lowderback.
Lambrook	Phillips	155	2	43.7	.....	81	16	9	20†	41	5.25	.....	3.18	0	5	12	8	11	.....	G. A. Newton.
Little Rock	Pulaski	399	45	41.7	− 2.4	78	17	9	28	34	1.88	−2.36	0.74	T.	11	13	5	13	s	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	38.4	− 2.8	75	7	5	28	43	2.20	−1.34	2.10	0	3	17	6	8	w.	H. G. Leonhardt.
Magnolia	Columbia	315	6	45.3[c]	.....	82[c]	16	15[c]	26†	49[c]	3.97	.....	1.94	0	8	7[b]	10[b]	12[b]	n.	State Agri. School.
Malvern	Hot Springs	277	37	44.2	+ 1.2	80	16	10	26	52	2.41	−2.29	1.01	0	5	15	6	10	ne.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	33.2	− 5.5	74	16	0	26†	52	4.12	+1.04	1.45	1.0	7	17	4	10	n	S. M. Daniel.
Marianna	Lee	235	16	43.8	+ 1.8	79	16	7	28	50	3.39	−1.17	1.84	0	8	10	13	8	n.	C. N. Houck.
Marked Tree	Poinsett	229	19	39.6	.....	80	17	4	27	44	4.34	−0.14	2.13	T.	8	15	7	9	se.	Charles Walton.
Marshall	Searcy	1070	10	39.6	.....	78	18	2	28	40	4.22	+0.59	1.86	T.	5	18	0	13	sw.	A. J. Park.
Mena	Polk	1185	38	40.5	− 2.1	74	7	8	20	34	3.74	−0.13	1.15	0	10	12	4	15	ne	E. W.St. John.
Morrillton	Conway	347	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Henry Harless.
Mountain Home	Baxter	800	11	35.8	.....	78	16	— 3	28	51	2.29	−1.28	0.57	1.5	7	15	3	13	s.	B. S. Halbert.
Mountain View	Stone	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Webb.
Mount Ida	Montgomery	650	25	42.1	.....	79	7	3	26	57	2.53	−1.66	1.04	T.	6	14	3	14	sw.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	2.41	−0.70	0.99	0	4	10	9	12	.....	Henry A. Davis.
Nail	Newton	2233	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Paxton.
Newport	Jackson	231	40	41.9	0.0	80	8†	5	29	49	4.68	+0.82	1.40	T.	6	15	6	10	n.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	43.1	+ 0.3	77	17	5	28	45	3.75	−0.40	1.95	0	4	18	5	8	n.	Mrs. Josephine Morris
Ozark	Franklin	450	28	38.0[c]	− 3.2	76[c]	7	10[c]	25†	40[c]	3.54	+0.30	1.47	T.	7	19	1	11	nw.	Isham Burrow.
Ozark Beach Mo	Taney	650	1	.....	.....	.....	.....	.....	.....	.....	5.58	.....	3.10	0	4	.....	.....	.....	.....	S. E. Gard.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	5.44	+1.44	2.60	0	4	18	0	13	n.	W. E. Baker.
Piggott	Clay	307	1	.....	.....	.....	.....	.....	.....	.....	2.99	.....	1.00	0.5	6	14	10	7	n.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	3.81	.....	1.25	1.0	8	16	3	12	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	45.2	+ 0.8	83	16	12	26†	40	5.85	+0.88	3.70	0	7	13	3	5	n.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	38.3	− 2.5	75	16	0	28	49	4.07	+0.43	1.34	1.0	7	16	3	12	n.	Benedicitine Sisters.
Portland	Ashley	122	18	46.8	− 0.6	82	16	15	26	45	3.52	−1.68	0.75	0	8	9	7	15	n.	W. E. Edmiston.
Prescott	Nevada	329	36	44 8	− 0.9	80	16	11	26	53	2.56	−1.55	1.22	0	7	14	4	13	n.	O. J. Stephenson.
Princetown	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	3.62	- 1.72	2.31	0	4	8	0	23	ne.	Foote Coleman.
Rison	Cleveland	243	23	45.0	− 0.5	81	16	11	26	45	1.99	−1.72	1.03	0	5	13	10	8	n.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	38.2	− 0.4	76	16	0	28	35	4.54	+2.24	2.52	0.4	6	9	9	13	sw.	Carl A. Starck.
Searcy	White	236	11	41.7	- 0.8	77	7†	9	28	51	1 20	−3.52	0.60	T.	4	19	6	6	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	2.93	−1.92	1.27	0	6	15	0	16	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	44.2	+ 0.6	81	17	10	28	43	4.95	+0.24	1.34	0	5	11	13	7	ne.	Adam F. Buerkle.
Subiaco	Logan	1050	27	40.8	− 1.4	80	16	9	27	37	2.30	−0.68	1.30	T	3	22	1	8	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	46.5	- 0.3	82	16	13	25	53	2.77	−0.56	1.25	0	6	14	4	13	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	3.11	.....	1.12	0.8	8	11	3	17	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	46.5	+ 1.8	84	16	13	26	44	3.60	−1.83	1.00	0	6	16	9	6	s.	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	1.60	−2.89	1.00	0	1	9	5	17	ne.	Nannie O. Schirmer.
Wynne	Cross	250	18	42.4	+ 0.6	80	17	7	28	36	4.19	−0.57	2.60	T.	7	14	2	15	n.	E. O. Allen.
State Means and Extremes				41.4	+ 0.7	86	14	− 8	25	57	3.65	−0.44	3.70	1.0	6	14	5	12	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily Precipitation for December, 1924.

Stations.	Drainage-basin.	Day of month. 1	2	3	4	5	6	7	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																															
Arkadelphia ‖‖	Ouachita			.60			.94		.95											.20				.15								2.84
Arkansas City ‖‖	Mississippi				.64	.03	.40	1.50												T.	.34			.02	.64	.10					.31	.10	4.08
Arlberg	White			1.10		.45	1.05											1.00				.10										3.70
Batesville ‖‖	White			.02	.85		.91	.76									.02	T.	T.	.35	T.			T.	.04					T.	.10	3.05
Bee Branch	Arkansas		T.	.97			.86	.80									T.			.40				T.	.10				T.			3.13
Bentonville ***	Arkansas	.07	.01	.99			T.										T.	.84	1.62	T.				.03	.04				T.	.01	.07	3.68
Black Rock ‖‖	White			T.	.63		.93	1.10									.01	T.		.50				T.	.08					T.		3.25
Booneville	Arkansas																															
Brinkley ‖	White			.71		.08	1.37	1.42												.14					12					.41	4.25
Calico Rock ‖	White		T.	.02	.93		.63	1.14									.02	T.		1.80				T.	.56	T.				T.		5.10
Camden ‖‖	Ouachita				.73		.37		1.94											.38				.08	.19	.19					.46	4.34
Center Point	Red	T.		.70		.02	.35	.49												.31			.04	.02	.13				T.			2.06
Clarendon ‖‖	White			T.	.80	.10	.53	2.34												.25				.05	.04	T.				T.	.72	4.83
Clinton	White			.85			.36	.64												.65			T.		T.							2.50
Conway	Arkansas			.76			1.87	1.59												.41									.04			4.67
Corning	White			.33			.61	1.16																	.40							2.50
Dam No. 1	White			.58			1.56	.90												T.												3.04
Danville ‖	Arkansas		T.	.68	.40		.58	.90												.93				.08	.03					.08		3.68
Dardanelle	Arkansas			.30	.83		.83	.67												.83												3.46
Dumas	Arkansas		T.	.84		.28	.26	2.97												.25			.10	.18	.15					.30	.45	5.78
Dutton	White	T.	T.	1.10			.43										T.	.23	3.63	.41				T.	.05							5.85
El Dorado ‖‖	Ouachita		T.	T.	1.25	.02	.25	1.90								.01				.43				.09	.09					.40	.58	5.02
England	Arkansas			.58		.20	.75	.75												.45			.15		T.						.55	3.43
Eureka Springs	White	.06		.89			.64											.33	3.19	.70					.03							5.84
Evening Shade	White			.98			.41	.73																						T.	.06	3.68
Fayetteville	White	T.		1.02			.21	.02									T.	.21	2.10	.05			.01									
Fort Smith ***	Arkansas	.20		1.10			.36									T.	.01	.18	2.51	T.			.01	.01	T.				T.		.06	4.44
Fulton ‖‖	Red		T.	.21	.42		1.05	.72												.43					T.	.11					T.	2.68
Georgetown ‖	White				.70		1.45	1.40												.17				T.	.25						.08	4.08
Gilbert	White			.18	T.		.16	.55									T.			.20					.11							2.80
Grannis	Red	T.	T.	.66			.80													1.80	T.				.11							2.80
Gravette	Arkansas	T.	.08	1.08													T.	.88	3.15	.54			.01		.03				.04			2.08
Harrison	White																			.10					.03							5.36
Helena	Mississippi			.66	.30	.40	2.28														.18			.12	.16					.20	.40	4.80
Higden	White		T.	.98			2.02									T.			.18	.32			.02							T.	T.	3.20
Hope	Red			.52		T.	.38	.80												.32				.02						.01		2.05
Hot Springs	Ouachita	T.	.01	.78		.04	.85	.96									T.			.30			T.	.03	T.				T.			2.97
Huttig	Ouachita			.80			.05	1.10													.35										2.30	4.60
Jonesboro	White			.76		.01	2.11	1.38									.02			.32				.09	.16						.02	4.87
Junction	Ouachita			.82		T.	1.87												T.	T.											.58	.97	4.24
Lambrook ‖	White			.40		.67	3.18																								.25	.75	5.25
Little Rock ***	Arkansas		T.	.59		.03	.74	.01								T.	T.		.15	.14			.03	.03	.03				.01		.12	1.88
Lutherville	Arkansas	T.		.08			.02												2.10					T.	T.				T.			2.20
Magnolia	Red			.60		.13	.58	1.94												.20			.05	.22					T.		.25	3.97
Malvern	Ouachita			.55		.40	1.01													.25					.20							2.41
Mammoth Spring	White			.03	.42		.82	1.10									.05			1.45					.25							4.12
Marianna	Mississippi			.42		.11		1.84									.02			.08				.05							.14	.73	3.39
Marked Tree ‖‖	Mississippi				.43		1.11	2.13								.01	T.			.29				.02	.20	T.					.15	4.34
Marshall	White			.77			.52	.60											.47	1.86				T.	.02							4.22
Mena ‖	Ouachita	.05	.60	.02	.92		1.15									T.	T.	.02	.03	.90										.03		3.74
Morrilton	Arkansas																															
Mountain Home	White	.05	.57				.56										.24		.55					.10	.22							2.29
Mt. View	White																			.12				.06	T.							2.53
Mount Ida	Ouachita	.01		.82			1.04	.45												.33												2.41
Murfreesboro ‖	Ouachita				.99		.19	.90																								
Nail	White																			.45					T.							4.68
Newport ‖	White	.60	.98	.05	1.40	1.20											T.														.30	3.75
Osceola ‖	Mississippi		.50		1.00	1.95																										3.54
Ozark	Arkansas		1.06			.15		.36									T.	.03	1.47	.78			.02	.03	T.							5.58
Ozark Beach, Mo.	White		.96																1.16	3.10											.52	5.44
Patterson ‖	White			.86		2.60	1.46																	.20					T.			2.99
Piggott	St. Francis		.44		.84	1.00											.06		.45												.01	3.81
Pindall	White	.03	.68				.98	.07											.63	1.25				T.	.16						.10	5.85
Pine Bluff ‖	Arkansas				.90	.05	.85	3.70												.15					.10							4.07
Pocahontas	White		.69			1.34	1.14										.04			.65			.07		.14				T.			4.07
Portland ‖	Ouachita		.48			.12	.55													.47				.50	.20					.75	.45	3.52
Prescott	Ouachita	T.	T.	.53	.01	.41	1.22													.32				.03	.04				T.			2.56
Princeton ‖	Ouachita			.37			2.31								.72								22				T.					3.62
Rison	Ouachita		1.03		.18		2.33													.18				.30							.30	4.32
Rogers	Arkansas	T.	T.	1.16			.42											.41	2.10	.42				T.	.03							4.54
Searcy	White		T.	.25		T.	.60	.25												.10				T.	T.							1.20
Springbank ‖	Red		T.	T.	.55		.70	1.27												.05				.05	T.	T.				T.	.31	T.	2.93
Stuttgart	Arkansas			.81		.63	1.24	1.34												T.												.93	4.95
Subiaco	Arkansas	T.	T.	.90			.10										T.		1.30		T.		T.						T.			2.30
Texarkana ‖	Red			.53			1.25	.53												.25				.13							.08	2.77
Waldron	Arkansas		1.09				.43										T.	T.	.34	1.12			.03	.02	.03					.05		3.11
Warren	Ouachita		.90		.30	1.00													.60				.20								.60	3.60
Whitecliffs	Red	T.	T		T.		1.00																									1.00
Wynne	Mississippi		.03	.41		.40	2.60													.30				.10							.35	4.19

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily River Stages for December, 1924.

Stations.	Rivers.	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.8	4.7	4.6	4.6	4.8	4.9	4.8	4.9	5.1	5.8	5.8	5.7	5.5	5.2	5.1	5.0	4.9	4.9	7.1	8.5	7.1	8.6	8.5	7.5	6.9	6.5	6.5	5.9	4.9	4.9	5.3
Dardanelle	do	20	2.3	2.2	2.1	2.0	2.1	2.0	2.0	2.3	2.2	2.5	2.5	3.1	3.0	2.6	2.3	2.5	2.5	2.4	3.0	4.2	6.0	5.6	5.0	5.9	5.3	5.0	3.6	3.2	2.8	2.7	2.4
Little Rock	do	23	0.2	-0.1	-0.2	-0.2	-0.4	-0.4	-0.1	0.0	0.6	0.7	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	1.8	3.8	3.8	2.8	2.9	2.8	2.0	1.7	1.1	0.6	0.5
Pine Bluff	do	25	4.1	3.8	3.6	3.4	3.3	3.3	3.0	3.6	3.9	4.7	4.8	4.3	4.0	4.1	4.3	4.3	4.1	3.9	3.7	3.7	3.6	5.6	7.6	7.7	7.2	7.0	7.0	6.5	5.8	5.5	5.1
Black Rock	Black	14	2.3	2.3	2.3	2.2	2.2	2.2	3.0	4.8	6.0	4.8	3.8	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.8	2.9	3.6	4.5	5.0	4.7	4.5	4.0	3.8	3.7	3.7	3.6	3.5
Calico Rock	White	18	0.8	0.4	0.1	0.1	0.2	0.4	1.1	2.9	1.0	0.5	1.5	1.5	1.3	1.2	1.4	1.1	1.0	1.0	2.1	17.7	15.8	15.0	12.7	7.3	5.8	4.4	4.2	3.8	3.4	3.1	2.8
Batesville	do	23	5.2	5.4	5.1	4.9	5.1	5.2	5.8	7.3	7.1	6.0	5.5	6.5	6.5	6.9	6.2	6.3	6.0	5.9	6.0	12.2	23.9	21.7	21.0	16.0	12.3	11.1	10.2	9.4	9.1	8.7	8.5
Newport	do	26	1.5	1.2	1.2	1.2	1.4	1.5	1.9	2.7	5.1	5.3	4.2	3.4	2.7	3.4	3.0	3.0	3.0	2.5	2.3	2.1	18.0	18.4	19.7	19.6	17.0	13.4	10.7	8.4	7.1	6.2	5.5
Georgetown	do	22	1.2	1.0	0.8	0.6	0.6	0.6	0.6	1.0	2.0	3.4	5.0	5.6	4.8	4.2	3.8	3.6	3.4	3.0	2.8	2.6	2.4	9.0	14.0	15.8	16.4	16.6	16.2	15.0	13.8	13.0	11.8
Clarendon	do	30	8.0	7.9	7.8	7.8	7.8	7.7	7.8	8.6	9.1	9.5	10.2	11.4	12.1	12.1	11.8	11.4	11.1	10.8	10.6	10.4	10.2	10.2	13.0	16.3	18.0	19.0	19.8	20.3	20.5	20.6	20.5
Helena	Mississippi	42	4.3	4.3	4.4	4.6	4.9	5.0	5.0	5.3	5.8	6.1	6.5	8.4	10.8	13.0	15.6	18.4	20.8	22.8	24.1	24.6	24.1	22.8	21.0	19.2	17.4	15.8	14.2	13.2	12.4	12.0	11.8
Arkansas City	do	48	9.3	9.2	9.1	8.9	8.9	9.0	9.2	9.4	9.7	10.0	10.5	11.1	11.8	13.0	14.5	17.2	19.9	22.2	24.3	25.1	26.4	26.8	26.0	24.8	24.3	22.2	20.7	19.2	18.3	16.8	16.2
Camden	Ouachita	49	3.7	3.7	3.7	3.6	3.7	4.0	4.4	4.8	5.5	8.3	9.4	9.8	8.3	7.6	7.0	6.7	6.4	6.1	6.0	6.0	5.9	5.9	5.7	5.7	5.2	4.9	4.8	4.4	4.1	3.8	3.8
Danville	Petit Jean	20	0.7	0.7	0.6	0.7	0.8	0.8	2.4	3.6	3.6	3.0	2.0	1.6	1.4	1.4	1.3	1.3	1.2	1.2	1.5	4.3	5.9	5.9	5.8	5.5	4.4	3.0	2.0	1.7	1.7	1.7	1.5
Fulton	Red	28	5.0	5.0	5.0	5.0	5.2	5.3	5.5	5.7	5.7	6.0	6.2	6.3	6.2	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	10.1	9.1	8.2	7.7	6.8	6.7	6.5	6.3
Arkadelphia	Ouachita	18	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.2	1.0	2.6	2.7	2.5	2.0	1.6	1.5	0.5	1.0	1.0	1.0	1.4	0.9	1.1	1.0	0.9	0.5	0.0	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Patterson	Cache	9	1.7	4.4	4.0	3.7	3.6	3.5	3.4	3.9	4.5	4.9	5.0	5.0	5.0	5.0	4.8	5.2	5.8	6.4	7.0	7.4	7.8	7.9	8.0	8.0	8.0	7.6	7.2	6.9	6.5	6.1	5.3

Daily Temperatures for December, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	44	47	58	68	52	67	76	59	45	46	61	70	66	58	61	71	74	71	23	21	30	31	35	27	28	40	41	25	34	48	52	49.3
	Minimum	25	15	16	45	39	31	50	55	29	22	21	22	28	27	30	33	61	47	17	10	10	15	22	26	9	8	10	5	7	19	34	25.4
Bee Branch	Maximum	61	45	57	56	54	69	75	71	60	46	53	67	66	58	63	71	73	71	68	24	30	32	34	35	29	36	40	36	32	50	48	51.9
	Minimum	27	17	37	46	32	29	48	43	22	22	20	27	44	26	31	51	57	58	11	5	10	15	20	18	7	5	10	0	10	27	33	26.1
Bentonville	Maximum	46	47	55	56	46	65	69	54	36	44	60	68	60	62	65	75	46	46	13	17	28	33	28	23	25	38	26	32	36	38	38	44.4
	Minimum	31	30	44	34	31	40	37	29	19	18	29	38	36	33	44	45	33	13	1	1	8	20	23	3	3	11	3	1	20	30	34	23.9
Brinkley	Maximum	50	53	61	61	58	68	78	66	51	50	58	69	70	62	73	78	82	74	72	24	31	34	34	35	29	41	45	36	29	56	51	54.2
	Minimum	31	21	41	51	36	38	55	51	31	28	26	36	52	33	40	66	64	63	22	11	14	20	27	26	15	13	12	8	14	32	35	32.6
Calico Rock§§	Maximum	45	48	57	60	55	71	75	52	42	48	63	77	63	58	67	80	65	66	20	25	31	32	33	23	29	35	35	24	34	38	40	48.1
	Minimum	24	18	19	44	39	33	44	48	26	20	21	21	26	27	29	32	55	49	14	8	8	14	20	20	7	8	8	3	3	19	30	23.8
Camden§§	Maximum	52	51	68	62	60	77	78	63	51	53	59	69	72	67	75	81	79	78	32	29	33	33	38	34	32	42	50	36	40	53	51	54.8
	Minimum	37	26	30	50	34	35	56	58	31	32	25	26	30	37	38	52	62	64	31	14	19	21	27	32	15	11	20	15	20	27	36	32.6
Center Point	Maximum	63	46	63	61	54	70	78	70	49	51	59	61	70	62	72	78	74	74	73	28	31	31	33	35	34	38	48	43	36	53	53	54.5
	Minimum	40	32	41	45	31	46	61	47	28	31	28	35	36	42	45	65	65	66	20	13	19	26	26	23	12	17	24	14	22	35	39	34.6
Conway	Maximum	51	46	61	59	54	72	79	70	51	47	59	74	70	63	69	76	77	75	56	28	33	34	37	35	31	40	46	35	23	53	52	53.4
	Minimum	34	20	42	50	38	37	55	44	29	25	23	28	41	31	36	57	61	55	20	11	16	21	26	26	14	10	15	8	17	32	38	31.0
Corning	Maximum	47	46	56	60	58	68	75	73	44	44	59	54	63	53	68	73	72	69	70	36	28	30	31	32	28	35	34	26	32	31	43	49.6
	Minimum	21	13	33	46	37	29	51	42	26	22	25	36	41	26	25	46	41	37	21	2	3	8	23	5	1	0	8	− 4	5	20	23	23.0
Dardanelle	Maximum	58	59	58	60	51	60	52	50	50	46	47	60	59	60	60	65	63	56	41	35	38	42	49	41	39	43	38	33	32	86	50	49.4
	Minimum	35	27	37	39	33	38	35	32	27	25	26	24	37	39	37	42	41	46	20	12	16	20	21	20	12	10	18	9	16	19	25	27.0
Dumas	Maximum	55	53	70	61	59	71	75	72	50	48	58	68	71	65	76	80	78	78	66	32	29	31	35	35	29	39	41	31	39	44	44	54.3
	Minimum	35	20	38	51	36	40	61	47	32	30	24	33	53	34	46	65	61	62	24	14	12	23	30	29	16	12	19	13	20	33	36	33.8
Dutton	Maximum	47	38	51	52	44	64	70	55	38	44	58	69	63	58	62	68	78	63	43	22	30	36	29	29	27	36	36	28	35	49	45	47.3
	Minimum	22	36	34	40	29	30	36	34	20	14	20	25	35	25	32	49	50	40	6	3	5	16	22	10	1	5	7	0	15	32	31	23.4
El Dorado	Maximum	64	53	68	64	65	78	78	63	57	50	58	69	74	68	75	83	80	77	70	53	33	33	39	39	31	42	48	41	40	50	47	57.7
	Minimum	40	28	45	54	36	47	69	58	33	32	29	34	48	41	53	65	64	63	26	16	20	28	29	29	16	13	22	18	25	34	38	37.2
England	Maximum	60	51	63	60	58	70	80	62	47	50	62	71	70	64	78	81	81	76	69	38	32	32	35	35	30	29	46	34	40	55	48	55.1
	Minimum	30	20	40	50	34	38	60	43	29	28	25	32	52	32	38	64	60	64	22	11	10	21	27	28	14	10	17	9	11	32	35	31.8
Eureka Springs	Maximum	62	43	55	57	48	67	72	59	40	46	62	68	63	65	67	77	70	65	32	20	30	38	31	27	30	42	32	34	35	42	38	48.9
	Minimum	28	24	40	39	29	38	40	32	18	18	30	42	43	32	44	59	33	31	2	1	7	17	21	5	3	17	9	0	18	27	33	25.2
Evening Shade	Maximum	66	48	58	60	56	71	77	72	46	47	62	77	66	66	66	75	73	70	....	....	....	....	....	....	....	....	....	....	....	....	....	64.2
	Minimum	28	11	43	48	38	32	45	43	27	22	22	27	41	35	28	50	56	44	16	8	10	14	25	....	....	....	....	....	....	....	....	31.0
Fayetteville	Maximum	57	45	55	57	58	66	68	60	35	59	70	63	62	63	66	74	70	64	30	20	32	34	33	21	25	37	30	32	33	45	47	48.7
	Minimum	31	28	40	39	28	38	42	32	19	30	43	46	32	33	46	58	38	28	1	2	6	10	13	9	4	12	14	1	20	32	35	26.1
Fort Smith	Maximum	48	43	55	57	49	68	76	56	42	46	55	72	67	60	61	77	59	44	18	27	29	32	34	31	30	38	42	26	33	45	50	47.4
	Minimum	35	30	43	36	31	42	53	33	27	28	28	32	46	39	45	57	41	18	9	9	16	23	26	14	13	16	14	11	24	33	39	29.4
Grannis	Maximum	70	70	55	58	54	68	76	76	55	55	55	55	74	86	69	76	75	76	65	65	65	65	65	53	53	49	45	45	42	54	51	61.9
	Minimum	27	28	36	40	25	44	47	39	28	26	24	24	36	47	41	57	60	59	12	9	15	24	28	16	10	10	10	19	31	31	29	29.5
Gravette	Maximum	56	43	56	57	47	64	72	64	37	45	61	68	63	62	67	75	58	41	30	17	29	35	35	29	28	38	54	33	36	38	40	47.7
	Minimum	27	27	40	40	29	34	34	29	15	12	21	34	34	27	36	57	31	30	0	0	4	15	21	8	− 8	10	9	− 1	20	32	34	22.9
Harrison	Maximum	63	50	55	58	60	74	44	40	50	62	75	64	62	78	78	70	65	46	36	29	31	35	30	25	30	41	33	30	35	43	....	49.7
	Minimum	19	22	19	25	27	32	39	23	19	24	32	48	28	50	39	45	41	39	7	4	4	19	21	15	6	9	12	1	13	25	31	23.8
Helena	Maximum	53	52	64	63	61	68	76	72	51	50	61	73	71	69	74	81	80	75	48	35	32	38	38	38	29	40	48	30	48	50	44	55.2
	Minimum	34	22	25	41	39	37	47	58	33	30	26	26	38	35	35	39	60	59	40	15	14	15	24	32	16	13	15	8	9	20	33	30.3
Hope	Maximum	56	52	58	64	70	77	80	71	48	50	59	70	74	67	78	81	83	78	60	29	31	33	35	35	43	47	40	43	49	55	56.5
	Minimum	41	29	36	43	34	52	64	47	30	29	28	35	46	39	41	60	65	60	19	15	20	20	26	29	14	13	21	15	23	36	43	34.6
Hot Springs	Maximum	64	44	61	62	56	66	78	63	48	50	53	68	71	64	72	78	77	72	71	28	33	31	34	33	33	40	48	35	38	50	53	54.0
	Minimum	40	28	40	49	32	39	56	45	28	28	28	36	46	37	42	61	63	60	20	12	16	23	26	25	14	13	19	9	18	28	38	32.9
Huttig	Maximum	74	54	61	67	63	81	80	78	62	51	63	72	76	71	75	83	84	82	83	74	31	33	34	40	40	41	41	48	48	43	46	60.6
	Minimum	42	27	42	55	38	42	71	58	33	43	25	30	51	42	44	67	68	61	61	31	18	23	26	34	40	18	12	19	20	25	34	38.7
Jonesboro	Maximum	51	48	54	61	56	64	75	65	45	41	56	66	63	55	68	75	77	77	68	22	25	29	33	32	24	36	36	28	33	49	47	50.3
	Minimum	26	20	37	47	38	36	50	44	29	26	29	37	49	31	35	59	55	47	21	9	12	17	25	23	11	9	19	3	11	30	35	29.8
Junction	Maximum	70	67	77	67	68	76	80	78	55	52	57	64	70	71	79	83	82	74	66	41	38	42	38	34	38	42	44	39	42	47	48	59.0
	Minimum	35	29	36	49	34	42	55	43	20	28	32	34	38	40	49	61	63	52	37	22	20	19	21	17	16	11	20	22	27	37	40	33.9
Lambrook	Maximum	68	68	60	63	58	73	76	66	52	47	59	70	68	70	78	81	80	78	40	27	30	37	38	35	30	41	30	43	46	49	43	54.9
	Minimum	50	30	38	50	38	43	50	58	33	30	23	29	41	40	41	43	59	45	9	15	16	28	31	13	10	17	9	20	31	35	32.5
Little Rock	Maximum	45	47	59	59	54	67	77	61	43	47	59	66	68	60	71	78	78	73	39	25	29	32	35	31	28	40	44	27	38	50	51	51.0
	Minimum	32	28	44	42	35	46	58	39	32	30	29	37	50	41	43	66	63	39	16	12	16	22	26	18	14	15	20	9	17	33	37	32.7
Lutherville	Maximum	62	41	53	47	46	70	75	50	45	45	51	65	68	59	63	72	74	63	24	25	31	30	32	27	29	38	43	29	34	58	45	48.2
	Minimum	34	26	36	38	32	37	46	38	26	24	27	37	49	34	44	53	60	20	14	9	14	20	24	20	8	12	18	5	16	28	37	28.6
Magnolia	Maximum	68	58	72	66	61	78	78	73	52	50	59	....	....	....	77	82	79	78	74	29	32	32	37	37	30	42	48	44	36	51	49	56.1
	Minimum	36	31	31	52	35	49	49	51	34	24	27	....	....	....	47	67	63	65	25	16	19	27	28	28	16	15	15	18	27	34	39	34.5
Malvern	Maximum	65	46	65	63	56	67	78	70	49	50	62	67	71	62	75	80	78	74	75	28	32	33	35	35	33	40	49	42	39	52	53	55.6
	Minimum	37	26	41	51	33	35	58	46	28	29	23	29	49	35	37	62	64	65	23	13	17	24	17	27	14	10	18	12	18	35	39	32.8
Mammoth Spg. §§.	Maximum	38	47	55	60	48	70	70	56	41	41	58	72	61	52	62	74	59	65	18	21	26	31	33	22	21	35	30	19	34	42	44	45.3
	Minimum	25	14	14	33	38	30	43	50	24	18	18	20	26	26	25	28	25	28	58	42	13	5	5	12	18	19	3	0	2	0	1	14	32.1	21.2
Marianna	Maximum	58	51	58	63	56	67	78	77	53	44	57	69	67	72	70	79	78	74	74	29	29	35	36	39	39	38	42	40	42	52	49	55.3
	Minimum	31	21	38	51	37	39	53	51	32	24	26	35	53	34	32	63	60	61	24	13	14	21	29	26	14	10	16	7	15	32	36	32.4
Marked Tree §§	Maximum	49	60	63	53	66	68	64	44	46	58	69	58	69	77	79	76	80	28	25	30	31	36	30	25	37	41	25	42	57	45	34	50.5
	Minimum	19	18	42	40	35	48	57	31	27	24	26	35	31	33	62	62	62	28	10	11	17	21	28	11	8	10	4	12	15	35	31	28.8
Marshall	Maximum	53	47	50	59	57	69	75	74	45	42	58	73	71	59	69	77	71	78	47	21	22	32	32	31	19	41	34	31	37	41	43	50.3
	Minimum	28	27	42	49	35	40	47	42	25	20	26	33	49	30	42	60	54	46	12	6	12	20	25	18	5	12	14	2	16	27	32	28.9
Mena	Maximum	55	42	59	54	55	60	74	59	47	47	61	67	68	65	68	73	73	72	38	23	30	29	32	26	30	39	45	33	35	45	49	50.1
	Minimum	37	28	39	50	28	30	45	41	29	25	30	36	47	40	45	60	66	38	11	8	15	24	25	23	10	14	17	11	19	32	35	30.9
Mt. Home	Maximum	52	43	55	60	52	72	73	59	42	46	62	77	63	60	65	78	70	64	42	43	28	34	33	32	28	42	32	24	30	40	41	49.7
	Minimum	25	16	36	46	32	32	41	32	20	15	20	26	40	24	30	50	40	35	7	2	7	13	20	5	0	0	8	− 3	7	24	27	21.8
Mt. Ida	Maximum	63	43	58	59	60	70	79	64	47	52	67	77	75	66	74	78	75	74	71	27	33	31	32	33	36	42	49	40	36	51	55	55.4
	Minimum	27	19	32	48	31	32	52	42	25	23	19	26	44	29	32	58	64	67	14	7	13	25	25	22	11	3	9	9	16	34	36	28.8
Newport	Maximum	52	69	60	60	75	65	68	80	67	45	60	68	72	59	70	79	80	71	68	27	30	34	35	29	30	33	39	30	32	50	52	54.5
	Minimum	48	20	28	48	39	33	46	46	29	26	24	33	38	30	34	56	64	48	19	10	14	18	25	22	12	10	10	6	5	30	35	29.3
Osceola	Maximum	40	40	45	68	52	68	75	65	44	45	57	65	63	56	65	74	77	74	68	24	28	29	35	34	28	36	37	29	42	53	43	50.2
	Minimum	35	30	28	53	40	40	50	50	30	40	49	60	51	40	48	65	63	69	23	11	23	22	29	23	23	15	20	5	13	32	36	36.0
Ozark	Maximum	52	53	55	56	57	70	76	60	50	47	54	67	69	....	....	....	....	....	75	55	37	28	32	33	34	32	34	36	45	32	33	49	52	49.0
	Minimum	36	34	29	41	42	35	48	38	31	23	23	27	38	....	....	....	46	35	14	11	14	21	25	17	10	11	10	10	20	31	32	26.9
Pine Bluff	Maximum	56	53	65	60	61	72	79	63	47	50	61	70	72	78	78	83	81	77	69	30	32	35	35	35	30	42	42	36	41	50	48	55.8
	Minimum	36	26	43	53	35	39	63	46	36	30	28	37	48	38	43	66	61	64	25	13	17	24	29	25	15	12	19	12	20	32	35	34.5
Pocahontas	Maximum	51	47	57	59	57	69	69	69	47	46	63	71	66	55	65	75	70	69	67	20	30	30	34	32	26	34	39	28	29	47	49	50.6
	Minimum	24	17	40	47	38	33	47	41	27	21	23	30	40	27	30	50	44	40	18	7	12	15	23	20	7	6	10	0	8	27	35	26.0
Portland	Maximum	65	55	66	71	62	73	80	75	56	48	56	70	68	70	75	82	81	77	73	30	35	34	40	40	34	38	45	41	46	44	45	57.3
	Minimum	37	26	39	53	36	45	70	53	34	33	26	30	39	47	46	66	61	61	28	17	20	25	32	32	20	15	21	16	25	36	39	36.4
Prescott	Maximum	62	47	66	64	58	74	79	73	52	45	54	67	69	66	75	80	76	75	74	28	31	35	35	36	29	34	44	44	36	50	50	55.1
	Minimum	39	27	42	50	33	40	64	51	29	31	27	34	47	39	40	63	63	65	21	14	18	26	27	29	13	11	20	13	20	34	41	34.5
Rison	Maximum	65	51	59	61	59	73	78	70	51	48	59	69	71	66	76	81	80	76	70	28	32	34	35	36	31	41	47	45	44	50	48	55.9
	Minimum	35	25	44	53	34	42	61	49	29	28	25	36	51	36	45	65	61	63	25	12	16	23	28	29	13	11	20	12	19	34	35	34.2
Rogers	Maximum	54	44	56	57	49	65	71	57	46	60	68	70	68	65	68	76	70	63	31	19	29	38	33	28	26	39	33	33	36	41	39	49.3
	Minimum	30	29	42	41	31	33	41	40	30	25	38	43	42	44	33	58	35	30	1	2	9	19	26	9	2	8	11	0	21	29	35	38.2
Searcy	Maximum	60	46	59	59	57	64	77	77	50	43	54	66	67	63	68	76	76	75	71	25	30	32	35	34	29	37	48	38	33	50	51	53.2
	Minimum	30	25	40	48	37	32	53	50	28	28	24	28	40	30	33	54	61	61	20	10	15	19	25	25	14	10	16	9	10	25	35	30.2
Stuttgart	Maximum	48	53	60	62	56	70	74	64	57	50	58	66	67	62	77	80	81	78	66	41	31	41	38	36	31	37	43	36	38	51	46	54.8
	Minimum	33	23	43	52	35	40	61	46	30	28	28	36	49	33	43	64	60	62	23	12	16	21	29	29	16	14	19	10	16	32	35	33.5
Subiaco	Maximum	61	46	54	60	53	74	80	62	48	50	59	72	70	65	63	80	76	44	29	33	33	35	34	34	40	47	34	30	49	50	46	52.0
	Minimum	35	26	40	46	34	37	52	40	26	25	29	35	49	39	40	53	55	14	10	15	22	18	20	12	11	17	9	18	30	34	28	29.6
Texarkana	Maximum	68	52	68	62	60	78	81	68	55	55	60	68	74	68	78	82	78	78	73	28	30	34	35	31	33	43	54	40	37	52	54	57.3
	Minimum	40	33	43	47	34	50	62	50	31	32	27	31	50	42	50	69	64	58	20	14	19	26	25	28	13	14	25	15	23	32	40	35.7
Warren	Maximum	67	52	66	62	60	74	78	76	54	47	57	69	70	66	82	84	79	76	71	29	30	33	32	37	32	39	46	41	41	48	48	56.3
	Minimum	39	25	46	53	36	46	65	50	33	30	26	36	52	39	62	68	63	64	27	15	18	25	29	30	16	18	21	15	23	35	37	36.7
Wynne	Maximum	44	49	59	61	56	64	78	70	45	45	56	69	65	56	70	76	80	74	72	36	28	31	34	35	27	37	43	38	40	53	47	52.8
	Minimum	30	22	40	50	38	39	61	45	29	26	25	33	50	31	41	59	60	62	23	12	14	19	27	24	13	13	17	7	14	33	35	32.0

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

LINAR

THE

FEB 28 1925

UNIVERSITY OF

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist.

L. XXIX. LITTLE ROCK, Ark., YEAR, 1924. No. 13.

GENERAL SUMMARY.

he outstanding characteristics of the weather in Arkansas ing 1924 were the negative precipitation departures, the un-ly cold weather, heavy snowfall and high winds of March, the cold weather of May, July, and September. Departures n the normal temperature were negative in January, positive February, negative in March and continued to swing back forth from positive to negative and back to positive through-practically the entire year. The annual mean was 60.1° ch is 0.9° below normal, this being the first year with a bnormal temperature since 1920 and the lowest annual n since 1917. Station annual means ranged from 54.1° at tton to 64.9° at Huttig and extremes from 110° at Pine Bluff y 23d and 24th to — 8° at Gravette on December 25th. gust with a monthly mean temperature of 82.2° was the rmest month of the year while January with a mean of 36.1° s the coldest. The highest monthly mean for any station was 6° at Rison during August and the lowest was 29.0° at Nail ring January.

When the annual precipitation of 1924 is compared with that 1923 quite a contrast is found. The total for 1923 was, with one exception, the greatest on record while the 1924 total 37.03 inches is, with but one exception, the least on record. ring April and September precipitation totals were slightly ve normal while during the remainder of the year they were ow. Annual totals ranged from 49.74 inches at Eureka Springs 23.93 inches at Whitecliffs. The heavier totals occurred in the rthwestern counties, the lighter in southwestern. As in most ars, totals in the upper Arkansas Valley, Logan, Johnson, d Franklin counties, was light. April with an average precip-tion of 4.99 inches was the wettest month of the year and tober with 0.29 inch the driest. The greatest monthly total s 11.10 inches at Brinkley during September while several tions recorded no precipitation during July and October. All tions except Wynne reported an appreciable amount of snow, e average for the year being 7.9 inches, ranging from 27.8 ches at Bentonville to a trace at Wynne. The greater part of e snow fell during March, the average being 7.0 inches. Twenty ches was measured at a few stations in northwestern counties. While the precipitation was defecient in all seasons, the driest eather occurred in July and October, so the damage to grow-g crops was not as great as it might otherwise have been. Corn as seriously damaged in many localities by the dry weather, t cotton suffered little material damage except in a few local-ies. The hot, dry weather of August held boll weevil in check, e infestation being light, and in most sections damage was egligible.

The year opened moderately cold, temperatures below zero eing recorded on January the 6th in northern and northwest-n counties and 10° to 12° to the southern border. Although here were short periods with temperatures normal or above the eather was cold during the first half of February, March, and arly in April. Fruit bud development was retarded and all egetation held in check. May was unusually cool and as a re-ult cotton did not come up to a stand in most sections and here there were stands much of it died making replanting nec-ssary. The cool weather was favorable for the strawberry crop, keeping the berries from ripening too rapidly making picking and marketing possible with fewer hands and less expense than usual. July was exceptionally dry and the first decade unusually cold, a temperature of 40° being recorded at Corning on the 1st, which is the lowest July temperature in Arkansas' climatological history. Day temperatures of 100° were frequent in the southern counties the latter part of July and during August. The mean temperature for September was considerably below normal, the first killing frost occurring at Dutton and Gravette on the 30th. October, 1924, was the driest October on record, there being an average of only one rainy day during the month and an average monthly total of only 0.29 inch. Crops were harvested under favorable conditions, cotton picking being completed in southern counties and nearly completed in northern by the close of the month. The growing season was about 25 days shorter than usual. Killing frost occurred over most of the State October 23d to 25th and in remaining sections November 24th to 28th. The length of the growing season, (from the last killing frost in spring to the first in autumn) for 65 stations was 210 days and ranged from 172 days at Dutton to 255 days at Portland. The temperature during the crop season, April 1st to October 31st, averaged 0.3° below normal while the total precipitation. 22.30 inches, was 5.76 inches less than normal. The rivers of the State were at moderately high stages during April and May, but no disastrous floods occurred. Damaging straight blows were reported in March, May, and September and four tornadoes occurred in the State during the year. There were 193 clear days, 68 partly cloudy, 105 cloudy, and 74 with 0.01 inch or more precipitation. Sunshine averaged about 64% of the possible amount. W. C. H.

WEATHER BY MONTHS.

January:— The weather during January was cold, the mean temperature, 36.1° being the lowest January mean since 1918. Precipitation averaged 75% of the normal amount and was mostly in the form of rain. The ground was frozen in all parts of the State during the first decade and remained frozen in the northern counties practically the entire month. The cold weather and frequent rains kept dirt roads impassable and fields too wet for plowing most of the month. The weather was favorable for wheat, rye, meadows and fruit at the close of the month all were in excellent condition.

February:— The temperature for the month was slightly above normal, though a Cold Wave during the first decade brought the lowest February temperatures since 1919. The total precipitation was considerably below normal, but the number of rainy days was normal, light precipitation occurring throughout the month. The Cold Wave the first of the month and cool weather during the last decade kept fruit dormant. Wheat and rye continued in good condition but oats were dan aged by the freezing weather of the first decade.

March:— The outstanding characteristics of the weather in March were the low temperatures, deficient rainfall, heavy snowfall, and the high winds on the night of the 28th. From the 6th to the 24th cold weather prevailed with temperatures averaging about 11° below normal and near the 10th and 20th minima of 5° to 8° were recorded in northwestern counties. Frequent frosts and low temperatures held fruit and vegetation in check. The snowfall for the mont averaged 7.0 inches with 20 inches recorded in some northwestern counties, this being the heaviest March snowfall on record. On the night of the 28th there were strong winds and gales throughout Arkansas. Considerable damage was done at Fort Smith, and in the El Dorado and Smack-

over oil fields between 500 and 600 oil derricks were blown down, the damage being estimated at over $1,000,000. On the morning of the 29th dust was very noticeable in the air.

April:— The month opened cool, temperatures of 18° being recorded in northwestern counties and freezing to the southern border. Showers, mostly light to moderate but reaching an inch or more at some stations, occurred about every four days until the last six days of the month when 3.00 to 5.00 inches occurred at numerous stations. These heavy rains brought sudden rises in all the streams, but none except the Petit Jean reached flood stage. Strawberries were inexcellent condition at the close of the month and picking was in progress. A tornado occurred at Texarkana on the 29th which killed one person and did property damage estimated at $25,000.

May:— May was exceptionally cold, the monthly mean temperature being 4.6° below normal with freezing recorded in northwestern counties on the 11th. The heavy rains the closing days of April brought high stages in most of the streams of the State early in May, flood stages being reached at Danville on the Petit Jean and at Dardanelle on the Arkansas. Heavy rain the last of the month brought high stages again but damage was slight. Cotton did not come up to a good stand on account of the cold weather, but strawberries ripened under favorable conditions. A tornado occurred in Washington County on the 28th doing considerable damage. Straight blows were reported at Fort Smith on the 27th and 28th, the total damage from these three storms being estimated at $200,000.

June:— As a whole the month was favorable for corn and the latter portion for cotton, both making excellent progress. Corn was in excellent condition at the close of the month while stands of cotton were poor, the crop being in poor condition in a few localities, fairly good to very good elsewhere. The White River was above flood stage at Calico Rock and Batesville on the 12.h and 13th and near flood later at Newport and Georgetown. A wind and rain storm in the upper White River Valley on tl 17th did damage estimated at over $100,000.

July:— The first decade of July was unseasonably cool, temperature of 40° being recorded at Corning. The month wa abnormally dry especially in southern counties. Cotton contin ued to make good progress in most sections of the State and a the close of the month was blooming and fruiting satisfactorily the weevil infestation being light. Corn made good progress i northern counties, but in the southern suffered considerabl damage from the hot dry weather.

August:— August was warm and dry, the temperature av eraging 2.8° above normal and the precipitation 1.43 inche below. Day temperatures of 100° or higher occurred at numer ous stations throughout the month, 108° at Pine Bluff on th 3d being the highest recorded. Cotton continued to make satis factory progress except in a few southern localities, but lat corn was seriously damaged by the continued dry weather. Th peach and grape crops in northwestern Arkansas were unusual ly good.

September:— The temperature averaged 4.1° below normal this being with but two exceptions the lowest on record for September. Killing frost occurred at Dutton and Gravette on the 30th. Although there was a slight excess of precipitation the rains did not interfere seriously with farm work. A tornado occurred at Hot Springs on the 19th doing damage estimated at over $100,000. Wind storms did damage in Lawrence and Van Buren counties on the 19th.

October:— There was an average of only one rainy day during the month and the average precipitation was only 0.29 inch. This was the driest month of which we have a record in Arkansas. The dry weather was favorable for harvesting, but it was too dry for fall plowing. All streams of the State were at low stages.

Continued on page 53.

COMPARATIVE ANNUAL DATA FOR ARKANSAS.

Year.	Temperature.				Precipitation.		Number of days.			
	Monthly average.	Departure.	Highest.	Lowest.	Average.	Departure.	Clear.	Partly cloudy.	Cloudy.	Precip. .01 or more.
Means and Extremes.	**61.0**		**116**	**−29**	**47.93**		**167**	**98**	**100**	**84**
1891	60.5	−0.5	108	6	44.49	− 3.44	180	94	91	94
1892	60.0	−1.0	106	−14	57.75	+ 9.82	159	98	109	98
1893	60.7	−0.3	103	−13	47.91	− 0.02	185	95	85	75
1894	61.3	+0.3	108	−22	49.05	+ 1.12	176	97	92	75
1895	59.8	+1.2	105	−17	44.69	− 3.24	167	92	106	83
1896	63.0	+2.0	112	4	38.02	− 9.91	171	97	98	79
1897	62.4	+1.4	111	− 2	46.52	− 1.41	178	96	91	76
1898	61.4	+0.4	108	− 4	56.83	+ 8.90	159	105	102	89
1899	60.6	−0.4	112	−25	41.49	− 6.44	170	105	90	76
1900	62.0	+1.0	108	− 5	49.03	+ 1.10	150	120	95	92
1901	61.1	+0.1	116	− 6	35.28	−12.65	175	111	79	65
1902	60.4	−0.6	108	− 2	51.70	+ 3.77	150	121	94	81
1903	59.3	−1.7	105	−12	44.62	− 3.31	162	107	96	84
1904	60.5	−0.5	105	− 5	43.45	− 4.48	169	112	85	78
1905	59.5	−1.5	106	−29	63.65	+15.72	146	107	112	103
1906	60.2	−0.8	101	− 7	56.97	+ 9.04	156	96	113	95
1907	61.7	+0.7	113	− 8	49.71	+ 1.78	163	91	111	86
1908	62.1	+1.1	103	0	48.88	+ 0.95	158	100	108	92
1909	62.1	+1.1	111	−19	44.05	− 3.88	173	93	96	83
1910	61.0	0.0	105	−13	45.21	− 2.72	172	109	84	84
1911	62.9	+1.9	107	− 9	49.53	+ 1.60	152	117	96	95
1912	59.8	−1.2	106	−16	45.83	− 2.10	171	110	85	81
1913	61.6	+0.6	108	− 1	54.01	+ 6.08	158	107	100	89
1914	61.4	+0.4	110	−11	42.85	− 5.08	149	109	107	82
1915	60.6	−0.4	107	− 3	53.08	+ 5.15	163	81	121	82
1916	61.9	+0.9	107	−16	42.18	− 5.75	191	76	99	75
1917	59.2	−1.8	106	−21	40.72	− 7.21	187	74	104	75
1918	61.4	+0.4	115	−23	44.64	− 3.29	174	76	115	75
1919	61.6	+0.6	113	−10	54.52	+ 6.59	166	75	124	91
1920	60.7	−0.3	105	− 2	54.28	+ 6.35	174	74	118	90
1921	64.2	+3.2	107	− 3	47.46	− 0.47	178	85	102	83
1922	62.7	+1.7	111	7	46.50	− 1.43	170	83	112	87
1923	61.6	+0.6	109	2	59.85	+11.92	160	82	123	102
1924	61.1	−0.9	110	− 8	37.03	−10.90	193	68	105	74

KILLING FROSTS, 1924.

Stations.	Last in spring.	First in autumn.	Length growing season.	Stations.	Last in spring.	First in autumn.	Length growing season.
Amity	Apr. 2	.....	....	Junction	Apr. 2	*Oct. 24	205
Arkadelphia	Apr. 2	Oct. 25	206	Lambrook	Apr. 2	Oct. 23	204
Arkansas City	Apr. 3	Oct. 24	204	Little Rock	Apr. 1	Nov. 25	238
Arlberg	Apr. 1	Oct. 24	206	Lutherville	Apr. 1	Nov. 24	237
Batesville	†Apr. 2	Oct. 23	205	Magnolia	.....	*Nov. 25	....
Bee Branch	†Apr. 2	Oct. 23	204	Malvern	†Apr. 2	Oct. 24	205
Bentonville	Apr. 1	Oct. 24	206	Mammoth Spring	Apr. 2	Oct. 23	204
Black Rock	Apr. 2	Oct. 24	205	Marianna	†Apr. 2	Oct. 23	204
Booneville	Apr. 1	.....	....	Marked Tree	†Apr. 2	Oct. 23	204
Brinkley	Apr. 1	Nov. 25	237	Marshall	Apr. 2	Oct. 23	204
Calico Rock	Apr. 2	Oct. 23	204	Mena	†Apr. 2	Nov. 24	236
Camden	Apr. 2	Oct. 24	205	Morrillton	Apr. 2	.....	....
Centerpoint	Apr. 1	Nov. 25	237	Mountain Home	Apr. 19	Oct. 22	186
Clarendon	Apr. 2	Oct. 23	204	Mount Ida	Apr. 19	Oct. 23	187
Clinton	Apr. 2	Oct. 23	204	Murfreesboro	.....	.....	....
Conway	Apr. 2	Oct. 23	204	Nail	Apr. 1	.....	....
Corning	Apr. 2	*Oct. 22	203	Newport	Apr. 2	*Oct. 25	206
Dam No. 1	.....	Nov. 21	....	Okay	.....	.....	....
Danville	Apr. 2	Oct. 23	204	Osceola	Apr. 2	Oct. 23	204
Dardanelle	†Apr. 2	Oct. 23	204	Ozark	Apr. 1	Oct. 24	206
Dumas	†Apr. 2	Oct. 24	205	Patterson	Apr. 1	Oct. 24	206
Dutton	†Apr. 11	Sept. 30	172	Piggott	.....	Nov. 9	....
El Dorado	Apr. 1	Nov. 28	241	Pindal	Apr. 2	Oct. 22	203
England	Apr. 2	*Oct. 24	205	Pine Bluff	Apr. 1	Oct. 24	206
Eureka Springs	Apr. 1	*Oct. 23	205	Pocahontas	†Apr. 2	Nov. 25	237
Evening Shade	Apr. 1	*Oct. 22	204	Portland	†Mar. 15	Nov. 25	255
Fayetteville	†Apr. 1	*Oct. 23	205	Prescott	†Apr. 2	Nov. 25	237
Fort Smith	Apr. 1	Nov. 24	237	Princeton	Apr. 1	Oct. 24	206
Fulton	Apr. 1	Oct. 22	204	Rison	†Apr. 2	Oct. 23	204
Georgetown	Apr. 2	Oct. 23	204	Rogers	†Apr. 2	Oct. 24	205
Gilbert	.....	Oct. 22	....	Scarcy	Apr. 2	*Oct. 24	205
Grannis	Apr. 2	Nov. 24	236	Snow Lake	.....	.....	....
Gravette	†Apr. 2	Sept. 30	181	Springbank	.....	Nov. 25	....
Harrison	.....	.....	....	Stuttgart	Apr. 2	Oct. 23	204
Helena	Apr. 2	Oct. 24	205	Subiaco	†Apr. 1	Oct. 23	205
Higden	Apr. 2	Oct. 23	204	Texarkana	†Apr. 1	Nov. 25	236
Hope	†Apr. 2	Oct. 25	206	Waldron	Apr. 2	Oct. 24	205
Hot Springs	Apr. 1	Nov. 19	232	Warren	.....	*Nov. 25	....
Huttig	†Apr. 1	Oct. 25	207	Whitecliffs	.....	Nov. 26	....
Jonesboro	Apr. 2	Nov. 19	231	Wynne	†Apr. 2	Oct. 24	205

†No killing frost recorded; last freezing temperature in spring.
*No killing frost recorded; first freezing temperature in autumn.

Monthly and Annual Precipitation for the Year 1924, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Amity	.....	.....	.....	.....	.....	.....	4.08	−1.54	2.90	−2.72	.....	.....	2.00	−1.96	1.88	−2.48	3.00	−0.29	.....	.....	.....	.....	.....	.....	.....	.....
Arkadelphia	4.90	+0.93	2.50	−1.97	3.54	−1.56	4.01	−1.38	4.08	−1.34	3.33	−1.77	3.61	−0.14	3.38	−1.14	5.50	+2.86	0.15	−2.68	2.88	−0.67	2.84	−2.00	40.72	−10.86
Arkansas City	4.29	−0.41	4.23	−0.27	4.41	−1.01	3.61	−1.02	5.05	+0.47	0.57	−3.67	0.32	−3.54	1.53	−2.39	3.56	+0.64	T	−2.20	0.90	−2.89	4.08	−0.81	32.58	−17.10
Arlberg	2.25	.....	2.00	.....	2.09	.....	3.95	.....	5.80	.....	6.75	.....	3.15	.....	3.40	.....	2.90	.....	0.75	.....	3.00	.....	3.70	.....	39.74	.....
Batesville	2.53	−1.66	2.88	−0.54	2.92	−1.20	4.59	−0.09	5.71	+0.82	5.36	+1.33	3.88	+0.61	2.81	−1.44	2.38	−1.52	0.08	−2.78	1.68	−1.87	3.05	−0.86	37.87	− 9.20
Bee Branch	2.10	−2.00	2.20	−1.43	3.96	−1.22	5.26	+0.29	4.80	−0.01	5.86	+1.74	1.78	−1.93	4.03	+0.16	2.24	−0.88	0.45	−2.37	1.88	−1.55	3.13	−0.82	37.69	−10.02
Black Rock	2.52	−1.75	3.61	+0.48	2.55	−1.67	4.65	−0.76	5.94	+1.01	3.76	+0.42	3.00	−0.89	5.01	+0.66	4.12	+0.88	0.14	−2.43	3.99	−0.16	3.25	−0.50	42.54	− 4.74
Bentonville	1.49	−1.14	1.76	−0.76	4.17	+0.35	6.19	+2.30	2.78	−2.44	4.74	+0.18	6.94	+2.63	3.04	−1.00	6.77	+3.30	1.42	−1.39	2.21	−0.78	3.68	+0.92	45.19	+ 2.17
Booneville	1.85	−2.98	1.08	−0.99	2.81	−0.61	4.93	+0.74	3.38	−1.30	2.95	−1.24	.....	.....	2.00	−0.99	3.04	−0.14	.....	.....	.....	.....	.....	.....	.....	.....
Brinkley	4.03	−0.94	2.11	−1.55	3.81	−2.16	6.02	+0.60	6.25	+1.42	3.06	−0.38	1.61	−2.48	0.61	−2.91	11.10	+7.87	0.11	−2.81	4.43	+0.24	4.25	−0.69	47.39	− 4.09
Calico Rock	1.40	−2.18	2.45	+0.03	2.82	−0.75	3.86	−0.83	5.16	+0.71	9.90	+6.35	2.88	−0.56	5.13	+0.03	2.92	−0.65	0.22	−2.29	2.76	−0.33	5.10	+2.11	44 60	+ 1.64
Camden	4.85	+0.25	3.81	−0.19	3.27	−1.90	5.98	+0.71	5.92	+1.48	2.84	−1.85	1.06	−2.85	1.43	−1.82	5.07	+1.75	0.07	−2.74	4.90	−0.83	4.34	−0.33	43.24	− 6.64
Center Point	3.14	−0.60	1.75	−1.47	4.20	−0.87	3.58	−1.67	4.82	−1.46	2.25	−2.43	0.54	−3.56	1.45	−1.90	3.33	−0.34	0.08	−2.78	3.50	+0.12	2.06	−2.19	50.80	−18.85
Clarendon	3.80	−0.54	1.76	−2.03	2.78	−2.51	5.15	−1.18	4.81	−0.25	2.64	−0.70	1.08	−2.26	2.19	−2.02	6.79	+3.19	0.15	−2.89	3.10	−0.80	4.83	−0.18	39 08	−12.17
Clinton	2.65	.....	1.86	.....	2.98	.....	3.13	.....	3.74	.....	5.98	.....	3.37	.....	3.47	.....	1.51	.....	T.	.....	1.18	.....	2.50	.....	33.47	.....
Conway	2.84	−1.41	2.58	−1.08	2.85	−1 84	5.54	−0.69	4.46	−0.27	4.04	−0.01	5.08	+1.76	3.48	−0.03	3.06	−0.45	0.06	−2.59	1.89	−2.21	4.67	+0.53	40.35	− 6.91
Corning	2.65	−1.04	1.69	−1.82	1.88	−2.82	3.11	−1.77	5.78	+1.42	3.13	−0.99	2.93	−0.54	4.59	+0.95	3.73	+0.01	0.00	−3.27	4.18	+0.50	2 50	−1.45	36.17	−10.82
Dam No. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.49	.....	1.42	.....	2.14	.....	2.01	.....	T.	.....	2.55	.....	3.04	.....	.....	.....
Danville	2.24	−1.15	1.05	−0.97	3.33	−0.97	5.19	+1.27	4.47	+0.66	4.79	+1.43	3.06	−0.08	1.62	−1.91	4.76	+1.81	T.	−3.81	1.62	−1.91	3.68	+0.72	35.81	− 4.91
Dardanelle	2.53	−0.76	1.05	−1.98	2.64	−1.82	5.19	+1.15	5.80	+0.30	4.75	+1.11	0.61	−2.92	0.90	−2.83	3.06	−0.23	0.42	−2.22	1.95	−1.55	3.46	+0.26	32.36	−11.49
Dodd City	1.17	−1.86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Damas	4.66	−0.33	4.18	+0.13	4.21	−1.64	5.64	+0.69	4.66	−0.56	2.10	−2.05	2.22	−1.20	1.96	−2.00	3.72	−0.08	0.18	−3.10	1.22	−2.67	5.78	+0.42	40.53	−12.37
Dutton	4.09	+0.17	0.90	−2.02	2.93	−1.47	4.19	−1.57	4.40	−2.04	3.53	−1.97	3.81	−0.43	3.73	−0.72	4.39	+0.29	0.98	−2.02	1.91	−1 48	5.85	+2.42	40.71	− 10.84
El Dorado	4.62	+1.43	4.63	+1.29	4.95	+0.51	4.71	−0.38	4.51	−0.04	1.96	−1.28	0.28	−2.99	1.80	−1.52	2.18	−0.68	0.12	−2.71	1.52	−1.70	5.02	+0.36	36.30	− 7.71
England	3.97	−0.09	1.83	−2.35	3.62	−1.67	8.29	+2.05	3.75	−0.34	2.11	−1.55	1.12	−1.29	1.65	−2.95	7.09	+3.39	0.02	−2.86	2.71	−1.00	3.43	−1.15	39.59	− 9.81
Eureka Springs	1.69	−1.39	1.70	−0.94	3.56	−0.36	4 45	−0.22	2.78	−3.05	5.96	+0.25	9.46	+5.51	3.76	−1.36	6.35	+2.39	2.13	−0.90	2.06	−0.89	5.84	+3.42	49.74	+ 2.46
Evening Shade	2.03	.....	2.91	.....	2.54	.....	5.15	.....	6.18	.....	8.21	.....	2.89	.....	4.59	.....	2.88	.....	0.06	.....	2.86	.....	.....	.....	.....	.....
Fayetteville	1.15	−1.84	0.60	−1.94	3.36	−0.72	4.51	−0.01	4.90	−0.71	5.28	+0.71	5.55	+1.43	2.48	−1.73	5.30	+2.12	0.51	−2.68	1.43	−1.65	3.68	+1.07	38.75	− 5.95
Fort Smith	2.02	−0.49	1.55	−1.19	1.96	−1.66	7.57	+3.67	3.06	−1.85	3.96	−0.04	1.38	−2.46	1.72	−1.94	3.54	+0.37	1.08	−1.75	0.89	−2.39	4.44	+1.56	33.17	− 8.17
Fulton	4.99	+0.90	2.04	−0.97	2.90	−1.67	4.09	−0.38	4.45	−0.12	1.11	−2.82	0.15	−3.26	0.57	−2.35	2.04	−0.40	0.06	−2.31	2.40	−1.11	2.68	−1.63	27.44	−16.12
Georgetown	4.17	−1.32	1.92	−1.36	3.82	−1.91	6.33	+0.58	4.52	+0.59	5.17	+1.72	2.04	−0.60	1.35	−2.87	6.65	+2.67	T.	−4.13	1.90	−1.69	4.08	−0.19	41.95	− 8.51
Gilbert	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.19	.....	3.57	.....	2.88	.....	0.45	.....	2.05	.....	2.80	.....	.....	.....
Grannis	3.33	.....	2.87	.....	3.46	.....	5.72	.....	4.53	.....	1.69	.....	2.72	.....	1.60	.....	6.27	.....	0.22	.....	2.28	.....	2.08	.....	36.77	.....
Gravette	2.11	−0.39	1.65	−0.19	3.78	+0.08	6.98	+2.87	3.24	−2.28	4.41	−1.60	9.10	+4.91	2.59	−1.39	5.60	+2.19	1.48	−1.56	3.31	+0.30	5.36	+3.17	49 61	+ 6.71
Harrison	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.34	−0.98	3.28	−0.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Heber Springs	2.45	−2.02	2.97	−1.25	.....	.....	.....	.....	.....	.....	.....	.....	2.65	+0.10	6.46	+2.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helena	4.37	−1.00	3.08	+1.63	5.02	−1.16	7.07	+1.39	6.91	+2.42	3.68	−0.25	0.39	−3.41	1.82	−2.02	3.32	−0.11	0.02	−2.54	1.84	−2.65	4.80	−0.14	42.32	−11.10
Higden	1.82	.....	2.08	.....	2.93	.....	5.53	.....	4.56	.....	4.77	.....	0.74	.....	2.86	.....	2.34	.....	0.45	.....	1.30	.....	3.20	.....	32.58	.....
Hope	5.31	+0.33	1.86	−2 13	4.05	−1 25	4.16	−1.30	3.91	−1.30	1.96	−1.93	0.18	−4.34	1.10	−2.50	4.42	+1.43	0.20	−3.15	2.90	−1.57	2.05	−2.29	32.10	−20.00
Hot Springs	3.41	−1.35	2.56	−1.06	4.02	−1.26	5.01	−1.01	3.01	−2.64	3.16	−1.42	2.18	−2.05	5.45	+1.55	6.58	+3.11	0.07	−3.04	5.60	+1.30	2.97	−1.21	44.02	− 9.08
Huttig	4.05	−0.42	4.80	+0.66	5.10	−0.57	6.60	+1.24	3.93	−2.04	1.25	−3.10	1.05	−2.87	0.88	−3.47	3.30	+0.59	T	−3.05	0.20	−3.14	4.60	−0.35	35.76	−16.52
Jonesboro	3.13	−2.10	1.85	−2.01	2.19	−2.72	4.48	−0.55	7.86	+3.63	4.20	0.59	1.97	−1.59	2.77	−0.77	2.90	−0.59	0.11	−3.22	1.81	−1.65	4.87	+0.25	38.14	−10.59
Junction	2.98	−0.92	4.62	+1.20	5.27	−0.12	5.28	+0.41	.....	.....	3.52	−0.41	0.47	−3.60	0.36	−3.20	0.86	−1.42	0.22	−2.83	.....	.....	4.24	+0.47	.....	.....
Lambrook	5.25	.....	4.63	.....	2.47	.....	5.99	.....	4.90	.....	2.17	.....	3.32	.....	1.54	.....	2.43	.....	0.10	.....	2.48	.....	5.25	.....	40.54	.....
LITTLE ROCK	3.56	−1.23	1.64	−2.70	2.70	−2.24	5.46	+0.92	2.44	−2.66	2.89	−1.20	1.25	−2.74	1.74	−1.91	5.44	+2.18	0.06	−2.49	2.54	−2.05	1.88	−2.36	31.57	−18.48
Lattenville	2.82	−1.12	1.37	−1.70	2.16	−1.61	3.76	−0.70	4.29	−0.78	4.54	+0.07	3.02	−0.48	1.42	−2.75	2.53	−0.92	0.01	−3.67	1.50	−1.93	2.20	−1.34	29.12	−16.93
Magnolia	5.50	.....	3.64	.....	2.70	.....	.....	.....	4.4	.....	3.70	.....	0.60	.....	0.15	.....	1.30	.....	0.15	.....	3.34	.....	3.97	.....	.....	.....
Malvern	3.85	−1.64	2.38	−1.12	2.62	−2.63	4.95	−0.22	3.17	−1.43	4.16	0.00	1.01	−2.44	5.26	+1.61	8.56	+5 38	0.30	−2.41	3.32	−1.26	2.41	−2.29	41.99	− 8.45
Mammoth Spring	.....	.....	2.82	+0.18	2.00	−2.86	5.56	−1.66	4.50	+0.20	3.11	−1.21	3.28	−0.29	3.32	−1.12	1.80	−1.81	0.40	−2.45	1.41	−1.91	4.12	+1.04	.....	.....
Marianna	4.86	+0.08	1.74	−2.18	2.34	−3.34	5.90	+2.10	4.21	−0.72	5.51	+0.99	1.95	−1.75	2.70	+0.09	4.98	+1.74	0.07	−3.62	3.10	+0.10	3.39	−1.17	40.82	− 7.68
Marked Tree	3.96	−1.53	2.21	−1.25	2.31	−2.70	3.64	−1.95	4.76	−0.07	3.00	+0.07	0.43	−2.97	1.53	−2.44	5.22	+2.78	0.10	−4.16	1.77	−2.73	4.31	−0.14	33.27	−16.95
Marshall	1.60	−2.24	1.75	−0.49	6.03	+1.78	4.42	−1.08	4.87	−1 28	5.03	+1.13	4.98	+1.71	2.13	−2.67	2 61	1.27	1.21	−1.50	2.04	−1.85	4.22	+0.59	40.87	− 7.74
Mena	2.28	−1.51	1.15	−2.06	2.66	−2.31	6.0	+2.28	2.74	−3.75	2.67	−2.10	2.15	−1.90	2.24	−2.66	3.46	−0.13	0.15	−3.22	3.17	−0.29	3.74	−0.13	32.45	−17.83
Morrilton	1.66	.....	1.78	.....	3.09	.....	4.56	.....	4.46	.....	3.12	.....	3.11	.....	1.35	.....	4.89	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Home	1.75	−0.90	1.52	−0.86	.....	.....	2.55	−1.28	6.42	+0.90	6.27	+1.98	3.04	−1.38	4.50	+0.60	4.56	+0.50	0.27	−3.18	2.30	−0.96	2.29	−1.28	.....	.....
Mountain View	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.45	.....	1.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mount Ida	2.33	−1.98	.....	.....	2.90	−1.91	3.66	−2.05	.....	.....	3.55	−1.11	2.49	−1.03	2.82	−0.91	4.85	+1.66	0.49	−3.16	2.52	−1.52	2.53	−1.66	.....	.....
Murfreesboro	4.14	+1.01	2.85	+0.46	4.59	−0.27	3.54	−2.98	5.73	+2.19	2.60	−1.91	1.46	−1.15	3.36	−0.48	3 04	0.29	0.09	−3.42	3.29	−1.08	2.41	−0.70	36.90	− 8.04
Nail	2.10	−1.67	1.62	−1.21	3.05	−2 01	4.55	−1.31	7.23	−1.02	4.66	−0.27	4.50	−0.42	2.15	−1.51	4.05	−0.38	.....	.....	.....	.....	.....	.....	.....	.....
Newport	2.03	−2.89	1.41	−2.21	4.06	−0.83	4.71	−0.25	4.37	−0.10	4.90	1.26	1.81	−1.35	2.48	−1.00	1.34	−2.41	0.08	−2.59	1.35	−3.05	4.68	+0.82	33.22	− 14.43
Osceola	3.89	−1.26	1.65	2.37	1.82	−3.60	2.71	−1.81	4.09	−0.69	2.04	−1.46	1.30	−2.26	3.11	+0.28	3.26	−0.60	0.09	−2.16	0.97	−3.88	3.75	−0.40	28.38	−18.71
Ozark	1.88	−0.61	1.6	−0.95	2.43	−1.72	5.22	+0.68	4.64	−0.90	3.83	−0.45	1.89	−1.46	1.96	−2.10	2.11	−0.88	0.49	−2.36	1.81	−1 37	3.54	+0.30	31.41	−11.80
Ozark Beach, Mo.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.11	.....	3.80	.....	5.00	.....	0.26	.....	2.05	.....	5.58	.....	.....	.....
Patterson	3.80	−0.89	1.60	−1.39	3.66	−3.61	4.5	−1.81	4.34	−0.33	4.70	+0.60	0.90	−2.26	2.30	−0.43	3.95	+1.19	0.00	−4.19	1.49	−3.53	5.44	+1.44	36.02	−15.21
Piggott	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.48	.....	0.09	.....	3 11	.....	2.99	.....	.....	.....
Pindall	1.29	.....	1.48	.....	2.10	.....	3.20	.....	4.31	.....	6.69	.....	5.16	.....	4 03	.....	2.37	.....	1.01	.....	2.82	.....	3.81	.....	38.36	.....
Pine Bluff	4.60	−0.44	2.59	−1 41	5.00	−0.51	4.69	−1.31	5.72	+1.14	2.47	−1.40	1.44	−2.08	2.84	−0.50	5 52	+1.91	T.	−2.61	3.60	−0.59	5.85	+0.88	43.82	− 6.92
Pocahontas	2.28	−1.96	3.10	−0.17	2.87	−1.78	5.32	+0.50	6.31	+1.84	4.52	+0.57	3.42	−1.10	3.93	−0.62	3.78	+0.20	0.60	−2.22	3.55	+0.04	4.07	+0.43	43.75	− 4.26
Portland	4.68	−0.39	6.36	+2.07	4.69	−0.57	6.19	+0.89	3.91	−2.43	0.27	−3.87	0.42	−4.08	0.89	−3.08	1.93	−0.82	0.00	−2 74	0.94	−2.66	3.52	−1.68	33.78	−19.66
Prescott	5.01	+0.67	2.36	−1.16	2.64	−1.97	4.50	−0.80	4.26	−0.75	1.44	−2.30	0.86	−2.26	1.28	−2.10	5.42	+2.44	0.21	−2.28	2.03	−1.46	2.56	−1.55	32.57	−13.60
Princeton	3.65	−0.64	2.00	−1.84	3.90	−1.22	5.53	+0.01	5.26	+0.01	2.00	−2.15	0.00	−4.39	2.05	−1 29	5.65	+1.72	T.	−2.78	3.11	−0.85	3.62	−1.72	36.11	−15.14
Rison	3.33	−2.01	2.17	−0.97	4.84	−0.47	6.29	1.72	6.63	+2.98	1.84	−2.11	1.17	−2.13	1.70	−1.67	5.95	+2 58	0.12	−2.76	4.69	+1.26	1.99	−1 72	40.67	− 5.30
Rogers	1.15	−1.31	0.84	−1.04	3.24	−0.35	2.01	−0.67	3.78	−1.40	5.95	+1.34	9.15	+5.04	3.77	+0.21	6.14	−2.64	1.22	−1.59	1.75	−1.18	4.54	+2.24	46.55	− 5.27
Searcy	1.05	−3.13	0.90	−2.63	1.25	−4.22	5.92	−0.42	3.55	−1.30	.....	.....	1.80	−0.69	1.90	−1.83	1.75	−1.54	0.05	−3.14	1.25	−4 23	1 20	−3.52	.....	.....
Snow Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springbank	5.24	+1.24	3.71	+0.04	3.81	−0.98	3 20	−4.17	3.59	−0 65	1.62	−2.74	0.10	−3.48	1.28	−2.91	2.90	−0.40	0.20	−2.86	2 45	1.02	2.93	−1.92	31.08	−19.85
Stuttgart	4.02	−0 89	2.05	−1.56	3.15	−2.62	6.03	+0.81	1.41	0 25	2.37	−1.74	0.70	−3.18	1.38	−2.26	5.17	+1.73	0.00	−2.93	3.26	−0.73	4.95	+0.24	37.52	−13.32
Subiaco	1.80	−1.41	0.94	−1.75	2.69	−0.12	5.51	−1.23	4.91	−0.67	2 88	−1.09	2 12	−1 26	0.48	−3.40	3.51	0.27	0.17	−2.92	1.66	−1.46	2.30	−0.68	28.97	−13.25
Texarkana	4.18	+0 94	2.22	−0.72	3.83	−0.36	5.08	−0.15	4.63	+0.53	2 35	−1.28	0.65	−2.77	0.99	−2.21	2.41	−0.32	0.25	−2.46	2.64	0.51	2.77	−0.76	32.09	−10.07
Wabbaseka	2.41	.....	1.14	.....	3 11	.....	8.53	.....	4.19	.....	4.07	.....	1.70	.....	0.84	.....	3.30	.....	0.08	.....	2.02	.....	3.11	.....	34.50	.....
Warren	6.59	+1.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	−1.33	0.56	−3 61	3.14	−1.04	T.	−3.49	1.50	−2.47	3.60	−1 83	.....	.....
Wattensaw	4 22	+1.10	1.30	−1.72	2.70	−1.49	3.25	−2.86	4.88	+0.02	2.15	−1.36	0.90	−2.14	T.	−3.41	3.13	−0.74	0.30	−2.68	0.90	−2.03	1.00	−2.89	23.83	−18.77
Wynne	4.04	−0.71	1.89	−1.72	3.20	−1.86	4.17	−1.42	3.70	−0.76	1.83	−1.72	0.61	−3.17	1.15	−2.83	6.11	+2.68	0.12	−3.77	2.94	−0.71	4.19	−0.57	33.88	−16.50

Departures from the normal precipitation are based on records of ten or more years.

Continued from page 50.

November:— The weather during the first half of November was mild, the latter half cool. The rainfall averaged 2.36 inches, 1.21 inches less than normal. Most of the precipitation occurred from the 7th to the 15th and was sufficient for wheat and oats, but the soil in many localities continued too dry for fall plowing. Dirt roads were in good condition most of the month and the rivers continued at low stages.

December:— December was a month of abnormally high and also abnormally low temperatures, extremes ranging from 86° at Grannis on the 14th to 8° below zero at Gravette on the 25th. Precipitation, while slightly below normal, was sufficient to relieve the drought and at the close of the month plowing was possible. The 7th was abnormally warm. A tornado occurred in Woodruff County on the 7th killing three people and doing considerable property damage.


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Gravette
Bentonville
Rogers
BENTON
Eureka Springs
CARROLL
BOONE
Harrison
Dodd City
BAXTER
Mammoth Springs
FULTON
Hardy
Mountain Home
RANDOLPH
Pocahontas
Corning
CLAY
MARION
IZARD
Calico Rock
SHARP
Evening Shade
Black Rock
GREENE
LAWRENCE
Fayetteville
WASHINGTON
Lincoln
MADISON
Pindall
NEWTON
SEARCY
Marshall
STONE
Batesville
Arlberg
White
INDEPENDENCE
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
Dutton
Nail
CRAWFORD
JOHNSON
FRANKLIN
Ozark
Okay
VAN BUREN
Clinton
Higden
CLEBURNE
Newport
JACKSON
POINSETT
Marked Tree
Lutherville
POPE
Bee Branch
Heber Springs
Dam No. 1
Fort Smith
Arkansas
Subiaco
LOGAN
CONWAY
WHITE
Searcy
Patterson
Wynne
CROSS
CRITTENDEN
White
River
SEBASTIAN
Booneville
Dardanelle
Morrilton
FAULKNER
Conway
Georgetown
WOODRUFF
Danville
River
YELL
PERRY
ST. FRANCIS
Waldron
Umphers
SCOTT
PULASKI
Little Rock
LONOKE
PRAIRIE
Brinkley
Clarendon
MONROE
LEE
Marianna
Mena
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
SALINE
England
Stuttgart
Helena
POLK
Malvern
HOT SPRINGS
Sheridan
GRANT
JEFFERSON
ARKANSAS
PHILLIPS
Grannis
Amity
PIKE
Murfreesboro
Arkadelphia
Pine Bluff
Snow Lake
Mississippi
HOWARD
SEVIER
CLARK
Princeton
Rison
DALLAS
CLEVELAND
LINCOLN
Dumas
White Cliffs
Prescott
DESHA
LITTLE RIVER
HEMPSTEAD
Hope
Fulton
NEVADA
OUACHITA
Camden
CALHOUN
Warren
Arkansas City
DREW
Red
River
Texarkana
Ouachita
River
BRADLEY
MILLER
LAFAYETTE
Magnolia
COLUMBIA
El Dorado
UNION
ASHLEY
Portland
CHICOT
Spring Bank
Junction
Huttig
ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.

Climatological Data for Year, 1924.

Stations.	Counties.	Elevation, feet.	Temperature, Degrees Fahrenheit.						Precipitation, inches.							Number of days.				Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for year.	Greatest monthly amount.	Month.	Least monthly amount.	Month.	Total snowfall, unmelted.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
Arkadelphia	Clark	250							28	40.72	5.50	Sept.	0.15	Oct.	5.0	64	130	16	220	n.
Arkansas City	Desha	145							40	32.58	5.05	May	T.	Oct.	4.0	83	204	42	120	s.
Arlberg	Stone	700							2	39.74	6.75	June	0.75	Oct.	12.4	74	185[b]	99[b]	80[b]	ne.
Batesville	Independence	277	18	57.1	100	Aug. 4†	5	Dec. 28	25	37.87	5.71	May	0.08	Oct.	4.5	95	178	40	148	nw.
Bee Branch	Van Buren	250	31	57.4	103	Aug. 4†	− 2	Jan. 5	32	37.69	5.86	June	0.45	Oct.	11.7	75	171[b]	97[b]	96[b]	s.
Bentonville	Benton	1303	19	55.9	94	July 23†	− 6	Jan. 5	19	45.19	6.94	July	1.42	Oct.	27.8	106	199	74	93	s.
Black Rock	Lawrence	259							22	42.54	5.94	May	0.14	Oct.	2.2	103	214	24	128	.....
Brinkley	Monroe	205	37	61.9	106	July 24	6	Jan. 6	37	47.39	11.10	Sept.	0.11	Oct.	1.7	82	220	68	78	n.
Calico Rock	Izard	361	10	56.5	101	Aug. 5	− 1	Jan. 5†	20	44.60	9.90	June	0.22	Oct.	6.4	96	142	138	86	s.
Camden	Ouachita	158	35	61.1	104	Aug. 29	8	Jan. 6	39	43.24	5.92	May	0.07	Oct.	3.0	90	187	59	120	s.
Center Point	Howard	470	24	63.1	108	July 23†	10	Jan. 6	25	30.80	4.82	May	0.08	Oct.	10.0	86	172[d]	88[d]	102[d]	ne.
Clarendon	Monroe	200							20	39.08	6.79	Sept.	0.15	Oct.	6.0	94	163	52	151	n.
Clinton	Van Buren	516							3	33.47	5.98	June	T.	Oct.	10.0	63	191	100	75	w.
Conway	Franklin	309	40	60.3	102	Aug. 4	5	Jan. 6	41	40.35	5.34	Apr.	0.06	Oct.	11.5	74	213	91	62	s.
Corning	Clay	293	24	57.2	104	July 24	− 4	Dec. 28	31	36.17	5.78	May	0.00	Oct.	5.6	78	233	59	74	sw.
Danville	Yell	327							9	35.81	5.19	Apr.	T.	Oct.	5.9	62	219	0	147	w.
Dardanelle	Yell	330	15	60.6	103	Aug. 6†	7	Jan. 5	38	32.36	5.80	May	0.42	Oct.	5.9	58	194	9	161	w.
Dumas	Desha	162	15	61.6	102	July 23†	8	Jan. 6	18	40.53	5.78	Dec.	0.18	Oct.	5.0	98	167	141	58	n.
Dutton	Madison	1590	21	54.1	97	Aug. 27†	− 4	Jan. 5	21	40.71	5.85	Dec.	0.90	Feb.	19.5	94	173[b]	117[b]	74[b]	.
El Dorado	Union	270	20	64.2	105	July 24	10	Jan. 6	23	36.30	5.02	Dec.	0.12	Oct.	5.0	90	149[c]	119[c]	95[c]	ne.
England	Lonoke	229	17	61.2	106	July 28	8	Jan. 6	17	39.59	8.29	Apr.	0.02	Oct.	4.0	81	199[g]	76[g]	84[g]	s.
Eureka Springs	Carrroll	1465	23	57.2	97	Aug. 28	− 6	Jan. 5	24	49.74	9.46	July	1.69	Jan.	21.5	79	178	123	65	sw.
Evening Shade	Sharp		2		100	Aug. 5			2											
Fayetteville	Washington	1451	37	57.0	97	Aug. 30	− 5	Jan. 5	37	38.75	5.55	July	0.51	Oct.	24.3	73	206	45	115	sw.
Fort Smith	Sebastian	481	42	60.5	101	July 24†	5	Jan. 5	42	33.17	7.57	Apr.	0.89	Nov.	2.9	88	156	104	106	e.
Fulton	Hempstead	260							38	27.44	4.99	Jan.	0.00	Oct.	4.0	58	189	59	118	.....
Georgetown	White	200							11	41.95	6.65	Sept.	T.	Oct.	2.5	74	205	40	121	s.
Grannis	Polk	900	6	59.7	102	July 24	5	Jan. 6	6	36.77	6.27	Sept.	0.22	Oct.	11.8	87	235[a]	42[a]	88[a]	sw.
Gravette	Benton	1250	27	56.6	94	June 15†	− 8	Dec. 25	27	49.61	9.10	July	1.48	Oct.	18.6	82	172	77	117	sw.
Helena	Phillips	193							52	42.32	7.07	Apr.	0.02	Oct.	3.7	108	217	31	118	n.
Higden	Cleburne	445							6	32.58	5.53	Apr.	0.45	Oct.	10.0	75	202	115	49	sw.
Hope	Hempstead	377	44	63.3	107	July 23†	10	Jan. 6	53	32.10	5.31	Jan.	0.18	July	5.0	61	212[n]	57[n]	83[n]	n.
Hot Springs	Garland	600	30	60.9	104	July 23	6	Jan. 6	33	44.02	6.58	Sept.	0.07	Oct.	7.1	86	200	83	83	.....
Hutig	Union	175	17	64.9	107	July 24	12	Jan. 6†	17	35.76	6.60	Apr.	T.	Oct.	8.0	55	214	51	101	se.
Jonesboro	Craighead	345	27	59.1	104	Aug. 5	1	Jan. 5	29	38.14	7.86	May	0.11	Oct.	0.3	103	222	66	78	ne.
Junction ‡‡	Union	182	30		108	July 24	8	Jan. 6	30											
Lambrook	Phillips	165	1						1	40.54	5.99	Apr.	0.10	Oct.	9.3	58	204	89	73	.....
LITTLE ROCK	Pulaski	399	45	61.0	100	July 23	8	Jan. 5	45	31.57	5.44	Sept.	0.06	Oct.	6.6	98	172	82	112	s.
Lutherville ‡‡	Johnson	775	27	59.6	100	Aug. 5†	3	Jan. 5	25	29.12	4.54	June	0.01	Oct.	4.0	68	205	83	78	e.
Magnolia	Columbia	315	6		104	July 23†	6		6											
Malvern	Hot Springs	277	37	61.6	107	July 23	6	Jan. 5	37	41.99	8.56	Sept.	0.30	Oct.	4.0	76	230	58	78	ne.
Mammoth Spring	Fulton	512	19		98	Aug. 4			19											
Marianna	Lee	235	16	61.2	103	July 24	7	Dec. 28	12	40.82	5.97	Apr.	0.07	Oct.	3.5	79	157	132	77	s.
Marked Tree	Poinsett	229	8	59.0	102	July 23	4	Dec. 27	19	33.27	5.22	Sept.	0.10	Oct.	0.5	89	195	106	65	se.
Marshall	Searcy	1083	10						10	40.87	6.03	Mar.	1.21	Oct.	19.6	74				
Mena	Polk	1185	38	60.3	106	July 23	5	Jan. 6	36	32.45	6.04	Apr.	0.15	Oct.	12.7	89	209	60	97	sw.
Morrillton	Conway	347	3		105	July 23			3											
Mountain Home	Baxter	800	11		101	Aug. 6			10											
Mount Ida	Montgomery	730	10		105	July 23			25											
Murfreesboro	Pike	367							8	36.90	5.73	May	0.09	Oct.	8.0	68	173[b]	52[b]	139[b]	.....
Nail	Newton	2233	28		95	Aug. 28			28											
Newport	Jackson	231	37	61.0	101	Aug. 9	5	Jan. 5†	40	33.22	4.90	June	0.08	Oct.	4.5	82	192	98	76	nw.
Osceola	Mississippi	240	24	59.5	103	July 22†	5	Jan. 5†	26	28.38	4.09	May	0.09	Oct	4.8	73	222[d]	42[d]	97[d]	s.
Ozark	Franklin	450	28	60.0	103	July 24	4	Jan. 5	28	31.41	5.22	Apr.	0.49	Oct.	4.0	65	154[j]	80[j]	123[j]	nw.
Patterson	Woodruff	196							8	36.02	5.44	Dec.	0.00	Oct.	2.0	52	245	0	121	n.
Pindall	Searcy	1500							3	38.36	6.69	June	1.01	Oct.	12.7	94	170	82	114	nw.
Pine Bluff	Jefferson	215	37	63.3	110	July 23†	9	Jan. 6	37	43.82	5.85	Dec.	T.	Oct.	8.0	81	198	28	140	sw.
Pocahontas	Randolph	300	30	58.2	100	Aug. 5	− 1	Jan. 5	30	43.75	6.31	May	0.60	Oct.	7.0	93	169	107	90	n.
Portland	Ashley	122	18	63.9	107	July 24	11	Jan. 6	18	33.78	6.36	Feb.	0.00	Oct.	5.5	54	178	99	89	n.
Prescott	Nevada	329	35	63.0	104	July 24†	8	Jan. 6	36	32.57	5.42	Sept.	0.21	Oct.	3.0	85	227	56	83	n.
Princeton	Dallas	287							18	36.11	5.53	Apr.	0.00	July	4.0	54	226	11	129	ne.
Rison	Cleveland	243	17	63.2	109	July 24	7	Jan. 6	23	40.57	6.63	May	0.12	Oct.	8.0	70	168[b]	109[b]	87[b]	sw.
Rogers	Benton	1385	34	56.3	95	July 24	− 6	Jan. 6	33	46.55	9.15	July	0.84	Feb.	24.5	84	172	88	106	s.
Searcy	White	236	11	59.5	103	July 22†	5	Jan. 5	11						7.0		205	73	88	s.
Springbank ‡‡	Miller	240							17	31.08	5.24	Jan.	0.10	July	5.0	70	222	13	131	.....
Stuttgart	Arkansas	228	37	61.3	104	July 24	7	Jan. 6	37	37.52	6.03	Apr.	0.00	Oct.	4.0	71	190	117	59	sw.
Subiaco	Logan	1050	27	61.8	106	Aug. 5	6	Jan. 5	27	28.97	5.51	Apr.	0.17	Oct.	4.5	68	221[e]	74[e]	56[e]	s.
Texarkana	Miller	332	39	64.6	107	July 24	12	Jan. 6	38	32.00	5.08	Apr.	0.25	Oct.	3.0	72	199	63	104	n.
Waldron	Scott	675							6	34.50	8.53	Apr.	0.08	Oct.	14.8	76	163	57	146	nw.
Whitecliffs	Little River								20	23.83	4.88	May	0.00	July	3.0	37	202	48	116	ne.
Wynne	Cross	250	18	60.8	103	July 24	7	Jan. 6	18	33.88	6.11	Sept.	0.12	Oct.	T.	94	185	70	111	n.

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record: but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:—Junction, Randolph, La.; Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark.

Monthly and Annual Mean Temperatures for the Year 1924, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Amity	....	.....	.....	.....	.....	.....	.....	.....	60.5[e]	− 4.4	.....	.....	82.5[e]	+ 2.4	81.5[d]	+ 1.5	70.5[h]	− 3.7	.....	.....	.....	.....	.....	.....	.....	.....
Batesville	32.4	− 6.4	40.4	0.0	42.8	− 9.4	58.4	− 0.5	61.7	− 6.1	76.6[a]	+ 1.2	77.2	− 2.6	79.6	+ 0.1	66.8	− 6.2	62.0	+ 0.8	49.4	+ 0.2	37.4	− 3.2	57.1	− 2.
Bee Branch	31.8[a]	− 9.5	39.2	− 2.9	45.2	− 9.4	58.2[b]	− 2.7	61.6	− 7.0	76.4	− 0.4	77.9	− 2.1	80.3	+ 0.9	67.8	− 6.6	63.9[a]	+ 1.3	50.0	− 1.3	39.0	− 3.2	57.4	− 3.
Bentonville	30.6	− 3.5	38.6	+ 0.1	40.8	− 6.5	58.6	+ 1.7	60.6	− 5.8	75.5	+ 1.4	74.6	− 3.9	78.9	+ 2.4	65.2	− 3.7	62.3	+ 4.3	50.8	+ 4.1	34.2	− 3.3	55.9	− 1.
Booneville	35.4	− 4.6	43.5	− 3.1	48.2	− 8.2	64.0	+ 2.4	67.0	− 4.1	81.0	+ 3.4	.....	.....	86.5	+ 5.4	72.7[g]	− 2.9	.....	.....	.....	.....	.....	.....	.....	.....
Brinkley	37.8	− 4.0	44.5	+ 1.5	48.1	− 4.3	63.3	+ 2.6	66.7	− 3.3	80.6	+ 2.9	80.8	0.0	83.9	+ 3.7	71.8	− 2.8	66.8	+ 4.7	54.5	+ 2.7	43.4	0.0	61.9	+ 0.
Calico Rock	32.3	− 3.4	41.6[d]	0.0	42.2[b]	− 5.7	55.1[b]	− 3.0	62.1	− 4.8	75.7	+ 7.1	75.8	− 3.7	79.6	+ 0.7	67.2	− 4.6	61.1	+ 0.9	49.0	+ 0.4	36.0	− 3.5	56.5	− 1.
Camden	38.0	− 6.9	44.0	− 3.0	49.0	− 7.0	61.6	− 2.1	65.7	− 5.5	79.4	+ 1.2	79.0	− 2.0	83.4	+ 3.2	71.0	− 4.4	64.4	+ 0.7	53.6	+ 1.4	43.7	− 1.4	61.1	− 2.
Centerpoint	38.8	− 6.6	44.9	− 1.3	50.0	− 7.0	63.4	+ 0.7	66.8	− 4.2	80.9	+ 2.3	83.0	+ 1.2	86.6	+ 5.2	73.4	− 3.3	68.7[d]	+ 5.1	56.6	+ 2.0	44.6	0.0	63.1	− 0.
Conway	36.2	− 5.8	43 2	− 0.1	47.6	− 6.2	62.2	+ 0.7	65.8	− 4.3	79.2	+ 1.0	79.0	− 2.6	82.0	+ 0.6	68.6	− 6.4	64.8	+ 1.7	53.0	+ 1.2	42.2	0.0	60.3	− 1.
Corning	32.2	− 5.1	40.2	+ 2.5	43.8	− 7.4	59.0	− 0.6	61.8	− 6.7	76.6	+ 1.0	76.0	− 2.9	79.0	+ 0.9	66.3	− 6.1	63.2	+ 4.2	52.0	+ 4.0	36.3	− 3.1	57.2	− 1.
Dardanelle	36.4	− 3.8	43.8	+ 0.2	49.0	− 3.4	62.0	+ 0.6	68.0	−1.6	79.8	+ 2.0	81.6	+ 0.2	83.8	+ 3.8	72.0[b]	− 2.4	61.4	− 1.6	51.8	− 0.6	38.2	− 4.0	60.6	− 0.
Dodd City	30.1	− 7.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dumas	39.7	− 3.3	45.8	− 3.5	49.6	− 7.8	62.6	− 0.2	66.6	− 5.6	81.6	+ 2.8	79.8	− 1.8	82.0	+ 1.4	70.2	− 5.4	63.0	− 2.2	54.7	+ 0.8	44.0	− 3.3	61.6	− 2.
Dutton	30.3	− 5.6	37.6	− 1.5	40.8	− 7.3	55.9[a]	− 0.1	58.6	− 5.5	72.6	+ 0.8	72.2	− 3.3	76.6[a]	+ 1.9	63.6	− 5.1	58.1	0.0	47.8	+ 0.2	35.4	− 2.0	54.1	− 2.
El Dorado	41.4	− 4.4	46.6	− 1.0	52.2	− 4.2	64.1[c]	− 0.7	68.6	− 2.4	82.2	+ 3.2	82.4	+ 0.9	85.6	+ 4.5	74.6	− 1.8	67.4	+ 2.6	57.8[a]	+ 2.9	47.4	+ 1.4	64.2	+ 0.
England	38.6	− 4.3	44.6	− 1.8	48.0	− 7.2	63.2	+ 1.1	66.3[a]	− 3.8	79.8[a]	+ 1.9	81.2[a]	− 1.1	82.6	+ 2.3	69.8	− 5.3	65.2	+ 2.0	53.7	0.0	43.4	+ 0.2	61.2	− 1.
Eureka Springs	33.3	− 4.3	40.7	+ 0.9	42.0	− 9.0	60.0	+ 1.6	61.6	− 5.2	75.4	+ 1.4	74.4	− 3.6	78.6	+ 0.6	66.6	− 5.2	64.2	+ 3.9	52.4	+ 0.8	37.0	− 2.2	57.2	− 1.
Evening Shade	32.5	.....	41.2	.....	43.2[c]	.....	.....	.....	63.6	.....	77.0	....	76.6	.....	79.8	....	67.0	.....	.....	.....	51.6	.....	47.6[i]	.....	.....	.....
Fayetteville	33.5	− 4.5	40.2	+ 0.9	42.2	− 7.7	59.8	+ 1.8	61.3	− 4.9	75.5	+ 1.3	74.9	− 3.1	79.3	+ 1.7	66.0	− 6.4	62.0	+ 1.1	51.7	+ 1.9	37.4	− 2.5	57.0	− 1.
Fort Smith	35.2	− 4.3	42.2	− 0.6	46.0	− 6.6	61.8	0.0	65.2	− 4.4	80.0	+ 2.5	81.0	− 0.5	84.6	+ 4.1	70.9	− 3.1	66.6	+ 3.8	54.0	+ 3.0	38.4	− 3.7	60.5	− 0.
Grannis	35.8	.....	42.8	.....	46.3	.....	60.0	.....	63.2	.....	77.2[a]	.....	77.4	.....	81.2	.....	68.8	.....	65.4	.....	53.0	.....	45.7	.....	59.7	.....
Gravette	31.9	− 4.8	38.6	+ 0.8	40.1	− 3.7	58.8	+ 2.2	59.6	− 6.0	75.8	+ 2.2	73.8	− 3.4	78.2	+ 1.0	65.2	− 5.6	65.5	+ 5.5	56.4	+ 7.0	35.3	− 2.3	56.6	− 0.
Harrison	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73.7	.....	78.0	.....	....	.....	.....	.....	.....	.....	36.8	.....	.....	.....
Helena	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.8	.....	55.6	.....	42.8	.....	.....	.....
Hope	39.5[a]	− 5.9	45.5[a]	− 2.1	50.7[a]	− 7.3	63.3	+ 0.1	67.7[b]	− 3.5	81.0[b]	+ 2.6	82.2	+ 1.6	86.6[b]	+ 5.2	74.2	− 1.8	67.2	+ 1.6	56.3	+ 1.7	45.6	− 1.1	63.3	− 0.
Hot Springs	37.5	− 5.6	43.8	− 3.0	48.5	− 5.8	61.8	− 0.7	65.5	− 4.3	80.0	+ 2.1	78.8	− 2.6	81.8	+ 1.4	69.7	− 5.7	65.4	+ 1.5	54.2	+ 1.4	43.4	+ 2.8	60.9	− 2.
Huttig	42.5	− 5.7	48.2	− 3.5	53.9	− 4.5	66.0	+ 0.6	69.0	− 3.2	82.6	+ 3.2	82.7	+ 0.1	85.3	+ 5.0	74.6	− 1.6	66.7[e]	+ 1.3	57.9	+ 0.7	49.6	+ 0.8	64.9	− 0.
Jonesboro	34.4	− 6.0	41.9	+ 0.4	45.4	− 7.4	61 6	+ 0.4	64.0	− 5.8	78.6	+ 1.0	78 6	− 1.3	81.8	+ 1.9	69.5	− 4.8	65.6	+ 3.1	52.7	+ 1.3	35.0	− 6.0	59.1	− 1.
Junction	39.6	− 6.0	46.8	− 0.3	51.9	− 5.3	64.9	− 0.7	.....	.....	81.0	+ 1.6	83.0	+ 1.1	85.2	+ 4.4	75.0[h]	− 0.6	65.4	+ 1.2	....	.....	46.4	+ 0.3	....	.....
Lambrook	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.7	.....	.....	.....
LITTLE ROCK	36.9	− 4.5	44.1	− 0.8	47.3	− 5.7	62.6	+ 0.5	65.6	− 4.7	79.3	+ 1.9	79.9	− 1.0	82.8	+ 3.0	69.8	− 4.3	67.2	+ 3.6	54.2	+ 2.1	41.7	− 2.4	61.0	− 1.
Lutherville	34.6	− 5.4	42.1	+ 1.1	45 4	− 7.0	62.0	+ 2.2	66.2	− 2.1	76.2	+ 0.4	78 6	− 0.8	83.4	+ 4.6	70.0	− 3.6	65.9	+ 4.1	52.4	+ 1.2	38.4	− 2.8	59.6	− 0.
Magnolia	41.4[e]	.....	48.7[f]	.....	.....	.....	.....	.....	.....	.....	.....	.....	81.9[m]	.....	83.0	.....	73.4	.....	66.8	.....	56.6	.....	45.3[e]	.....	.....	.....
Malvern	38.5	− 4.7	45.0	− 1.9	48 9	− 5.2	63.2	+ 2.1	67.0	− 2.9	80.3	+ 2.8	79.8	− 1.2	82.7	+ 3.0	70.4	− 3.9	65.8	+ 3.0	53.8	+ 1.6	44.2	+ 1.2	61.6	− 0.
Mammoth Spring	....	....	39.8	+ 0.4	41.6	− 9.1	58.9	+ 0.5	60.2	− 6.0	74.4[a]	+ 0.1	74.0	− 4.0	77.8	+ 0.6	64.8	− 6.6	60.9	+ 2.5	47.1	− 1.5	33.2	− 5.5	.....	.....
Marianna	37.8	− 2.4	44.2	− 0.8	48.0	− 6.8	62.8	+ 2.3	66.6	− 3.6	80.0	+ 2.0	80.2	0.0	82.1	+ 2.7	69.5	− 3.5	64.3	+ 0.7	54.6	+ 2.6	43.8	+ 1.8	61.2	0.
Marked Tree	35.0	.....	40.9	.....	44.0	.....	61.6	.....	64.4	.....	78.6	.....	79.6	.....	81.9	.....	67.3	.....	64.4	.....	51.0	.....	39.6	.....	59.0	.....
Marshall	34.8	....	42.0	.....	44.6	.....	60.4	.....	63.0	.....	.....	.....	75.8	....	80.2	....	67.1	.....	61.9	.....	50.6	.....	39.6	.....	.....	.....
Mena	35 8	− 5.5	42.4	.....	46.6	− 6.0	60.9	− 0.5	64.6	− 4.3	79.2[a]	+ 2.8	80.0	+ 0.2	83.4	+ 4.0	69.8	− 4.0	66.3	+ 3.5	54.4	+ 1.3	40.5	− 2.1	60.3	− 1.
Morrillton	37.8	.....	44.8	.....	47.6[a]	. ...	63.4	.....	66.7	.....	79.4	.....	80.4	.....	84.0	.....	71.7	.....	66.6[f]	....	.....	.....	.....	.....	.....	.....
Mountain Home	31.0	.....	39.6	.....	.....	.....	58.6[a]	.....	60.2	.....	73.9	.....	73.9	.....	78.2	.....	64.0[i]	.....	61.4	.... .	49.6	.....	35.8	....	.....	.....
Mount Ida	36.4	.....	.....	.....	46 4	.....	60.2	.....	.....	.....	78.2	.....	77.4	.....	81.6	.....	68.9	.....	61.9	.....	52.0	....	42.1	.....	.....	.....
Nail	29.0	− 7.2	37.6	+ 0.8	39.3	− 8.9	56.3	+ 0.3	58.0	− 6.6	72.0	+ 0.1	75 4	− 0.1	77.9	− 1.8	63.3	− 6.6	.....	.....	.....	.....	.....	.....	.....	.....
Newport	35.2	− 4.0	43.0	+ 2.5	47.6	− 5.0	63.4	+ 1.6	66.6	− 3 4	80.2	+ 2.4	79.0	− 2.0	81 3	+ 1.5	71.6	− 2.2	69.8[g]	+ 8.4	53.0	+ 2.0	41.9	0.0	61.0	+ 0.
Osceola	34.4	− 5.4	42.4	+ 0 1	45.1	− 9.7	60.8	+ 1.1	61.6	− 5.0	78.6	+ 1.4	79.4	− 0.7	80.2	+ 1.2	63.4[b]	− 5.1	65.6[i]	+ 4.0	51.4	+ 1.6	43.1	+ 0.3	59.5	− 1.
Ozark	36.0	− 5.0	43.0	+ 0.1	46.0[b]	− 7.4	61.6[b]	+ 0.8	64.3[c]	− 6.8	78.6	+ 0.6	80.6[a]	− 1.2	84.0	+ 2.5	71.4	− 4.7	64.8[b]	+ 1.2	53.0	+ 0.8	38.0[c]	− 3.2	60.0	− 2.
Pine Bluff	39.4	− 3.7	45.4	0.0	50.0	− 4.8	62.4	− 2.0	69.0	− 3.0	82.0	+ 3.0	83.2	− 1.0	85.7	+ 4.3	73.2	+ 0.1	68.5	+ 5.9	55.8	+ 3.0	45.2	+ 0.8	63.3	+ 0.
Pocahontas	32.2	− 6.8	40.5	+ 0.1	44.3	− 7.3	60.7	+ 0.7	63.2	− 5.4	76.9	+ 0.5	77 2	− 4.5	80.6	− 0.4	69.0	− 5.8	65.0	+ 2.1	51.1	− 0.1	38.3	− 2.5	58.2	− 2.
Portland	41.6	− 4.7	47.6	− 0.9	52.2	− 6.6	64.6	+ 0.9	68.8	− 2.5	82.4	+ 3.2	82.4	+ 0.9	81.2	+ 3.1	72.8	− 3.6	65.4	+ 0.6	57.5	+ 3.6	46.8	− 0.6	63.9	− 0.
Prescott	40.2[a]	− 3.9	46.2	− 0.1	51.2	− 4.7	63.7	− 0.8	67.4	− 2.8	81.2	+ 2.7	81.1	− 0.6	84.9	+ 3.7	72.6	− 3.2	66.8	+ 2.4	55.9	+ 1.7	44 8	− 0.9	63.0	− 0.
Rison	40.2[a]	− 3.4	45.8	+ 1.4	49.6	− 5.4	63.9	+ 0.9	67.2	− 3.8	81.0	+ 3.1	82.2[a]	+ 1.4	89.6	+ 8.6	72.0	− 3.8	66.3	+ 2.7	55 5	+ 2 3	45.0	− 0.5	63.2	+ 0.
Rogers	33.0	− 3.7	39.6	+ 1.3	42.0	− 7.4	58.8	+ 0.7	60.2	− 5.9	74.9	− 1.5	74.1	− 2.9	77.8	+ 0.8	65.0	− 6.1	61.2	+ 1.6	50.8	+ 1.7	38.2	− 0.4	56.3	− 1.
Searcy	35.5	− 4.9	43.2	− 0.5	46.8	− 6.2	61.0	− 0.6	63.6	− 5.1	77.0	− 0.2	79.2	− 1.5	81.0	+ 1.1	68.6	− 4.8	64.6	+ 3.3	52.0	+ 1 3	41.7	- 0.8	59.5	− 1.
Stuttgart	37.8	− 4.4	43.6	− 0.6	47.6	− 6.4	61.8	− 0.2	66.1	− 3.8	79.7	+ 2 1	80.9	+ 0.2	84.2	3.9	71.2	− 3.6	64.7	+ 1.8	53.8	+ 1.6	44.2	+ 0.6	61.3	− 0.
Subiaco	36.6[a]	− 4.8	44.7	+ 2 3	48 0	− 5.6	63.2	+ 2.1	66.6[i]	− 3.4	80.2	+ 2.8	80.8	− 0.5	86.3[a]	+ 5.5	71.8	− 1.8	67.6	+ 4.2	55.2	+ 2.2	40.8	− 1.4	61.8	+ 0.
Texarkana	41.9	− 4.3	47.2	− 0.6	52.2	− 4.6	64.9	+ 1.1	67.8	− 3.8	81.8	+ 2.8	82.8	+ 0.5	87.2	+ 5.3	75.4	− 1.4	69.8	+ 5 2	58.0	+ 2.6	46.5	− 0.3	64.6	+ 0.
Warren	36.2	− 8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.8[c]	+ 1.0	84.5	+ 3.4	73 0	− 3.0	66.4	+ 2.6	56.6	+ 3.0	46.5	+ 1.8	.....	.....
Wynne	36.4	− 3.8	43.5	− 0.3	47.2	− 4.4	61.9	+ 0.6	66.0	− 4.4	79.6	+ 1.1	82.5	− 1.5	82.6	+ 2.8	69.4	− 4.4	64.7	+ 1.7	53.1	+ 1.3	42.4	+ 0.6	60.8	− 0.

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly River Stages for the Year 1924.

Stations.	Jan.			Feb.			Mar.			Apr.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.
Arkadelphia	5 5	1.0	2.9	4.2	1.4	2.6	7.3	1.1	3 1	5.4	1.0	2.3	10.3	0.3	2.1	2.4	0.1	0.7	1.0	0.0	0.4	1.1	0.0	0 1	2.5	0.0	0.4	0.0	0.0	0.0	1.0	-0.6	-0.2	2.7	-0.6	0
Arkansas City	45.0	40.9	42.9	43.6	27.4	32.3	36.3	32.6	34.3	41 5	33.2	38.3	39.6	33.3	36.8	41.3	37.7	39.1	39 4	28.8	33.6	28.1	17.3	20.3	21.8	12.0	16.5	20.6	9.6	15.0	9.6	8.2	8.7	26.8	8 9	16
Batesville	10.0	6 5	7.8	9.6	7.3	8.9	11.3	6.5	8.4	15.5	6.5	8.6	22.4	6.8	11.6	30.6	9.5	14.7	13.7	6.7	9.1	14.6	6.1	9.0	9.5	5.1	6.5	6.1	4.5	5.4	6.8	4.5	5.3	23 9	4.9	8
Black Rock	7.8	4.3	5 5	7.7	4 5	6.0	6.5	4.0	5.2	12.5	3.6	5.4	14.0	3 9	6.8	12.7	6.5	9.5	8.6	4.1	5.2	10.5	3.2	4.9	5.6	2.3	2.9	3.2	2.0	2.4	4.6	1.7	2.4	6.0	2.2	3
Calico Rock	4.0	1.1	2.2	3.7	1.8	2.8	5.4	1.2	2.7	10.6	1.5	3.0	15.1	1.7	5.4	26.0	3.6	7.8	8.0	1.6	3.6	8.7	1.1	3.5	4.2	0.2	1.4	1.2	-0.2	0.5	1.9	-0.2	0.5	17.7	0.1	3
Camden	23 6	10.0	17 3	18.7	9.2	13.9	25.9	9.2	15.8	20.9	7.8	13.8	24.5	5.3	11.6	18.0	4.8	6.8	4.8	3 1	4.1	3.0	1.4	2.0	5.8	1.3	2.9	5.8	2.2	3.4	4.8	2.1	3.8	9.8	3.6	5
Clarendon	26.4	20.5	22.9	29.4	18.3	19.3	20.5	15.9	18.0	21.0	15.3	18.6	25.3	18 2	22.0	27.0	20.7	25.2	25.6	14.7	19.0	18.7	12.3	15.1	11.9	9.0	10.3	11.3	7.3	8.7	8.9	7.1	7.8	20.6	7.7	12
Dam No. 1	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.7	0.4	5.7	1.0	-2.5	-1.6	-2 0	-3.0	-2.4	-2.0	-2.6	-2.5	2.6	-2.6	-2.6	-2.6	-2.8	-2.8	-2.6	0 2	-2.2	-0
Danville	15.1	3.4	5.9	7.0	4.0	4.7	12.7	3.5	6.1	24.1	3.6	5.5	24.7	3.4	8.7	13.7	2.2	3.8	2 8	1.5	1.9	5.4	0.7	1.5	1.9	0.7	1.1	0.8	-0.7	0.2	2.4	0 2	0.8	5.9	0.6	2
Dardanelle	8.9	4.7	6.3	12.2	5 6	7.9	13.5	4.5	7.7	19.2	4.4	8.8	21.2	5.1	11.0	15.5	5.6	9.9	8.6	2.4	5.3	8.7	3 2	5.3	8.9	1.7	3.9	4.7	1.5	3.1	7.8	1.1	2.4	6.0	2.0	3
Fort Smith	11 0	6.0	8.1	13.5	7.5	9.8	15.2	7.0	10.0	20.5	7.0	11.0	23.0	7.5	12.6	17.0	7.6	11.6	11.8	4.8	8.0	12.7	5.8	8.4	11.9	4 4	6 7	7.9	3.9	5 8	11 0	3.6	5.2	8.6	4.6	3
Fulton	21.5	11.5	15.1	16.0	10.7	12.6	22.1	9.4	14.4	25.7	9.1	12.9	26.2	10.0	15.7	19.9	8.6	11 1	8.6	6.7	7.6	7.5	6.2	6.6	7.6	6.0	6.7	6.7	5.3	5.9	6.6	5.0	5.4	10.1	5 0	
Georgetown	18.8	8.8	11.5	11.9	9.0	10.7	13.2	6.4	9.0	13.2	5.4	8.9	20.4	7.2	14.5	22.0	18.2	20.3	18.2	5.8	10.6	14.2	4.4	8.5	5.6	1 6	3.3	3.8	0.2	1.5	2.2	0.2	1.0	16.6	0.6	6
Gilbert	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.6	3.5	3.8	4.5	3.2	3.5	3.6	3.2	3.4	3.3	3.0	3.1	3.9	3.0	3.3	7.0	3.2	4
Helena	42 2	35 8	39.1	36.0	21.1	25.0	33.6	25.4	29.5	38.3	27.6	34.0	34.0	26.5	30.3	37.0	30.8	34 9	33.2	21 9	27.9	20 8	12.7	15.3	18.5	9.2	13.0	18.1	4.8	11.0	4.7	3.6	4.1	24 6	4.3	12
LITTLE ROCK	8.5	3.5	5.4	11.5	4 6	7 2	13.8	3.0	6.6	18.5	2.9	7.2	21.0	3.7	10.7	15.6	4 4	9.2	6.9	0.5	3.4	7.0	0.8	3.0	7.1	-0.6	1.7	2.6	-0 9	0.8	4.5	-1.4	-0.2	3.8	-0.4	0
Marked Tree	17.4	13.3	15.2	13.0	9.9	10.9	10.8	8.3	9.4	8.9	7.4	8.4	9.5	7.3	8.5	11.2	8.1	10.0	8.1	4.8	6.0	8.0	3.8	6 2	3.8	2.7	3.2	3.2	2.0	2.5	3.2	2.0	2.6	6.6	2.7	5
Newport	12.3	5.0	6.7	8.1	5 7	7.2	9.6	4.4	6.3	9.4	3.9	6.1	21.5	4.1	10 9	25.4	10.1	17 8	12.0	4.3	7.4	14.0	3.3	6.6	5.2	1.5	3.3	3.4	2.0	2.2	3.1	1.2	1.9	19.7	1.2	6
Ozark Beach Mo	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.3	0.0	2.9	9.6	0.0	3.8	5.0	0.0	1.8	2.4	0.0	0.6	1.9	0.0	0.4	16.3	0 0	3
Patterson	9.1	7.0	7.9	7.7	6.8	7.2	7.9	7.0	7.3	7.2	5.8	6.4	9.2	6.1	7.5	9.7	5 8	7.7	7.0	3.9	5 0	4.8	3.8	4.1	4.8	3.7	3.9	5.2	3.0	3.4	4.9	3.0	3.3	8.0	3.4	5
Pine Bluff	13.6	8.7	10.3	15.1	9.2	11.5	16.3	7.3	10.4	19.5	7.4	11.1	23 7	8.7	15.0	18.5	8.9	13.5	11.0	5.4	8.0	10.1	5.2	7.4	10.9	3.5	5.8	7.5	2.8	5.1	8.3	1.9	3.4	7.7	3.0	4
Springbank	28 8	14.6	18.1	17.2	11.0	13.0	20.2	10.4	14.2	23.6	8.6	12 3	25.9	11.0	16.9	20.3	8.8	12 1	8.7	5 0	6.8	6.0	4.0	4.7	5.1	4.0	5.1	5.5	3.5	4.2	3.8	3.2	3.5	7.8	3.4	4
Wilmot	18.0	1.0	10.2	14.8	4.0	7.6	18 8	2 3	8.8	23 2	1.8	7.6	22 2	1 0	9 0	19.5	1 0	4.0	1 7	0.3	0.7	0.3	0.1	0.5	0.2	0.2	0.3	0 4	0.2	0.5	0 3	0.2	0.3	3.0	0.2	1



SCALE OF SHADES IN INCHES.

COOPERATIVE OBSERVERS.

tions.	Observers.	Stations.	Observers.	Stations.	Observers.	Stations.	Observers.
.....	James Dillard.	Dumas	Ben Johnson.	Jonesboro.	Benedictine Sisters.	Ozark	Isham Burrow.
phia.....	F. J. Carpenter.	Dutton	J. M. Ricketts.	Junction	I. A. Lauderbach.	Patterson.....	W. E. Baker.
s City	Geo. E. Payne.	El Dorado	J. J. Babb.	Lambrook	G. A. Newton.	Piggott.....	H. H. Harlan.
.....	J. D. Reeves.	England	Dr. R. H. Hardin.	Little Rock.....	U. S. Weather Bureau.	Pindall	W. W. Wood.
le.....	Mrs. Lelia I. Teter.	Eureka Springs....	Geo. W. Nichoalds.	Lutherville.....	H. G. Lenhardt.	Pine Bluff	Miss Theresa Scheu.
nch.....	J. E. Scanlan.	Evening Shade.....	C. C. Price.	Magnolia	State Agr. School.	Pocahontas	Benedictine Sisters.
ille.....	U. S. Weather Bureau.	Fayetteville	University of Ark.	Malvern	Mrs. W. L. Matthews.	Portland	W. E. Edmiston
ock.....	Vernon C. Howe.	Fort Smith.....	U. S. Weather Bureau.	Mammoth Spring..	F. M. Daniel.	Prescott	O. J. Stephenson.
lle	Supt. Tuberc. San.	Fulton	T. J. Logan.	Marianna	C. N. Houck.	Princeton.....	Foote Coleman.
.....	H. L. D. Whitson.	Georgetown	W. R. Owens.	Marked Tree.....	Chas. W. Walton.	Rison	Mrs. M. V. Tisdale.
ock.....	W. J. Copp.	Gilbert.....	Ben. F. Batteufield.	Marshall	A. J. Park.	Rogers	Carl A. Starck.
.....	A. B. Quarterman.	Grannis	W. E. Mc Vay.	Mena.....	E. W. St John.	Searcy	J. T. Bell.
int	John C. Floyd.	Gravette	A. F. Stevens.	Morrillton	Henry Harless.	Springbank.....	Miss Grace Field.
on	J. W. Bishop.	Harrison.....	J. R. Newman.	Mountain Home	B. S. Halbert.	Stuttgart.....	A. F. Buerkle.
.....	Dr. R. M. Hunter.	Heber Springs.....	Claude Jones.	Mountain View	John W. Webb.	Subiaco.....	New Subiaco Abbey.
.....	C. C. Cordrey.	Helena	James A. Burnett.	Mount Ida	G. A. Whittington.	Texarkana.....	H. S. Brashear.
.....	Winfred D. Polk.	Higden	J. A. Ingram.	Murfreesboro.....	Henry A. Davis.	Waldron.....	Dr. Cheves Bevil.
1.....	J. O. Yingling.	Hope.....	N. P. O'Neal.	Nail	Charles Paxton.	Warren.....	W. L. Shide.
.....	C. P. Evans.	Hot Springs	P. P. Patraw.	Newport	W. T Parish, Jr.	Whitecliffs	Miss N. O. Schirmer.
lle.....	J. D. Riley.	Huttig	J. L. Collett.	Osceola	Mrs. Josephine Morris.	Wynne	E. O. Allen.
y	Neal Dodd.						

EXCESSIVE PRECIPITATION FOR 1924.

Station and date.	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate began.	Depth of precipitation (in inches) during period of time indicated. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
Apr. 14	[a]9:20 p.m.	6:40 a.m.	1.82	3:02 a.m.	3:26 a.m.	0.42	0.19	0.39	0.52	0.59	0.69	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 25	3:20 p.m.	10:00 p.m.	1.70	4:17 p.m.	4:48 p.m.	0.06	0.20	0.33	0.51	0.75	0.93	1.10	1.13	.....	.....	.....	.....	.....	.....	.....
Apr. 29	4:03 a.m.	12:50 p.m.	1.58	7:20 a.m.	7:44 a.m.	0.17	0.19	0.48	0.63	0.67	0.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 23	7:26 p.m.	D.N. p.m.	0.87	9:02 p.m.	9:20 p.m.	0.18	0.20	0.46	0.63	0.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 28	6:38 p.m.	8:15 p.m.	0.84	7:25 p.m.	7:48 p.m.	0.12	0.10	0.21	0.39	0.46	0.54	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 9	10:38 p.m.	[b]D.N. a.m.	0.72	10:43 p.m.	10:57 p.m.	0.01	0.17	0.48	0.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 29	11:00 p.m.	[b]D.N. a.m.	0.89	11:11 p.m.	11:37 p.m.	0.02	0.09	0.21	0.35	0.39	0.50	0.52	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 19	9:50 a.m.	11:58 a.m.	1.57	11:23 a.m.	11:42 a.m.	0.76	0 14	0.52	0.74	0.78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LITTLE ROCK, ARK.																				
June 11	1:33 p.m.	2:35 p.m.	0.89	1:39 p.m.	1:55 p.m.	0.01	0.21	0.57	0.80	0.84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 15	4:30 p.m.	5:20 p.m.	0.48	4:36 p.m.	4:47 p.m.	0.01	0.20	0.42	0.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 1	5:05 p.m.	[b]D.N. a.m	2.02	7:56 p.m.	8:44 p.m.	0.19	0.09	0.16	0.25	0.31	0.41	0.49	0.56	0.67	0.91	1.02	.....	.....	.....	.....
Sept 21	3:35 p.m.	8:00 p.m.	1.28	4:26 p.m.	4:51 p.m.	0.11	0.20	0.60	0.75	0.86	0.92	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn																				
Jan. 2	D.N. a m.	[b]D.N. a.m.	2.71	9:36 a.m.	10:10 a.m.	0.60	0.20	0.37	0.43	0.50	0.56	0.60	0.67	.....	.....	.....	.....	.....	.....	.....
Apr. 29	3:50 p.m.	7:20 p.m.	0.90	4:00 p.m.	4:30 p.m.	0.01	0.17	0.26	0.36	0.41	0.46	0.52	.....	.....	.....	.....	.....	.....	.....	.....
May 20	3:42 p.m.	D.N. p.m.	2.62	3:45 p.m.	5:23 p.m.	0.01	0.17	0.29	0.37	0.41	0.43	0.60	0.79	0.89	0.94	1.00	1.52	1.91	2.31	.....
May 26	8:00 a.m.	3:00 p.m.	1.85	8:43 a.m.	9:02 a.m.	0.03	0.08	0.16	0.26	0.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 26	8:00 a.m.	3:00 p m.	1.85	11:20 a.m.	11:43 a.m.	1.22	0.06	0.12	0.32	0.44	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 10	D.N. a.m.	7:20 a.m.	2.39	1:38 a.m.	3:07 a.m.	0.14	0.14	0.25	0.33	0.36	0.40	0.48	0.55	0.58	0.60	0.69	0.84	1.08	1.26	.....
July 24	7:30 p.m.	8:40 p.m.	0.81	7:33 p.m.	8:01 p.m.	0.01	0.16	0.41	0.56	0.63	0.72	0.77	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 19	[a]9:30 p.m.	D.N.A.	1.32	1:37 a.m.	2:10 a.m.	0.43	0.11	0.25	0.38	0.41	0.49	0.58	0.62	.....	.....	.....	.....	.....	.....	.....
Sept. 19	8:17 p.m.	[b] D.N.A.	1.62	11:06 p.m.	11:49 p.m.	0.24	0.12	0.18	0.26	0 41	0.59	0.68	0.93	1.30	1.38	.....	.....	.....	.....	.....
Dec. 7	11:35 a.m.	1:40 p.m.	1.43	12:02 p.m	12:11 p.m.	0.12	0.28	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 7	11:35 a.m.	1:40 p.m.	1.43	1:00 p.m.	1:28 p.m.	0.67	0.05	0.15	0.25	0.40	0.64	0.76	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 7	8:49 p.m.	[b] D.N.A.	0.61	9:39 p.m.	9:57 p.m.	0.06	0.18	0.29	0.36	0.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] On previous date. [b] On following date.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1924

Month.	Temperature, in degrees Fahrenheit. Mean.	Departure.	Highest.	Lowest.	Precipitation, in inches. Average.	Departure.	Greatest local amount.	Number of rainy days.	Sky. Clear.	Pt. cloudy.	Cloudy.	Prevailing direction of the wind.
January	36.1	— 4.6	79	— 6	3.19	— 1.04	6.50	7	15	3	13	n.
February	42.9	+ 0.7	82	— 7	2.26	— 1.02	6.36	7	12	4	13	n.
March	46.6	— 6.0	84	5	3.27	— 1.43	6.03	8	13	6	12	n.
April	61.4	+ 0.2	94	18	4.99	+ 0.21	8.53	8	14	6	10	s.
May	64.6	— 4.6	94	30	4.64	— 0.48	7.86	8	15	8	8	s.
June	78.5	+ 1.7	105	42	3.64	— 0.44	9.90	8	15	6	9	s.
July	79.0	— 0.9	110	40	2.35	— 1.57	9.46	5	18	8	5	s.
August	82.2	+ 2.8	108	43	2.40	— 1.43	6.46	5	20	8	3	s.
September	69.7	— 4.2	103	29	3.99	+ 0.66	11.10	7	17	5	8	n.
October	64.9	+ 2.6	96	21	0.29	— 2.71	2.13	1	24	4	3	s.
November	53.4	+ 1.9	88	15	2.36	— 1 21	5.60	4	16	5	9	n.
December	41.4	— 0.7	86	— 8	3.65	— 0.44	5.85	6	14	5	12	n.
Annual	60.1	— 0.9	110	— 8	37.03	—10.90	11.10	74	193	68	105	n.

TORNADOES, 1924.

Places and dates.	Number persons killed.	Value property destroyed.
Texarkana, Miller Co. April 29th	1	$25,000.
Farmington, Washington Co. May 28th	1	$100,000.
Hot Springs Garland Co. Sept. 19th	0	$100,000.
Beebeville, Woodruff Co. Dec. 7th	3	Considerable

Corrections 1924.

Arkadelphia: precipitation departure, September, +2.86.
Arkansas City: precipitation departure, September, +0.64.
Batesville: precipitation departure, January, −1.66.
Bentonville: precipitation departure, February, −0.76. August mean temperature, 78.9.
Brinkley: precipitation departure, May, +1.42.
Center Point: cloudy days, December, 10.
Clarendon: precipitation departure, November, −0.80.
Danville: total precipitation, April, 5.19; precipitation departure, September, +1.81
Dumas: monthly mean temperature, July, 79.8.
England: total precipitation, June, 2.11; precipitation departure, September, +3.39, July mean temperature, 80.2[a], departure −1.1.
Eureka Springs: precipitation departure, June, +0.25.
Fayetteville: precipitation departure, July, +1.43

MISCELLANEOUS PHENOMENA, 1924.

Number of reports and number of days on which reported.

Month	Hail, moderate. Reports.	Hail, moderate. Days with.	Hail, heavy. Reports.	Hail, heavy. Days with.	Thunderstorms. Reports.	Thunderstorms. Days with.	Dense fog. Reports.	Dense fog. Days with.	Sleet. Reports.	Sleet. Days with.	Glaze. Reports.	Glaze. Days with.	Winds, high, not tornadoes. Reports.	Winds, high, not tornadoes. Days with.	Winds, high, not tornadoes. Value property damaged.
January	....	....	....	....	4	2	21	7	37	9	....	....	.....	.....	.....
February	....	....	....	....	26	3	7	5	16	6	....	....	.....	.....	.....
March	....	....	....	....	44	6	....	....	....	....	....	....	‡	1	$1,000,000
April	....	....	....	....	161	19	1	1	....	....	....	....	.....	.....	.....
May	....	....	4	3	132	17	....	....	....	....	....	....	2	2	$100,000
June	....	....	....	....	151	25	1	1	....	....	....	....	.....	.....	.....
July	....	....	....	....	197	25	....	....	....	....	....	....	.....	.....	.....
August	2	2	....	....	309	23	....	....	....	....	....	....	.....	.....	.....
September	....	....	....	....	117	14	3	3	....	....	....	....	2	1	moderate
October	....	....	....	....	18	4	1	1	....	....	....	....	.....	.....	.....
November	....	....	....	....	41	9	3	3	....	....	....	....	.....	.....	.....
December	4	1	7	1	68	11	....	....	45	9	....	....	.....	.....	.....
Year	6	3	11	4	1208	159	37	21	98	24	0	0	.....	.....	.....

‡ Throughout State

Corrections 1924 Continued

Fort Smith: precipitation departure, March, −1.66.
Georgetown: precipitation departure, December, —0.19.
Gravette: precipitation departure, February, −0.19.
Hot Springs: precipitation departure, August, +1.55.
Huttig: highest temperature, December, 85.
Jonesboro: precipitation departure, August, −0.77.
Little Rock: precipitation departure, February, —2.70.
Lutherville: precipitation departure, February, —1.70.
Malvern: total precipitation, June, 4.16; precipitation departnre, August, +1.61.
Marianna: precipitation departure, March, −3.34.
Mena: precipitatton departure, July, −1.90.
Murfreesboro: precipitation departure, August, −0.48; November, −1.08.
Osceola: mean temperature, April, 60.8; temperature departure, —1.1: precipitatiou departure, January, −1.26.
Ozark: precipitation departure, February, −0.95.
Prescott: precipitation departure, April, −0.89.
Springbank: total precipitation, August, 1.28.
Stuttgart: precipitation departure, February, −1.56.
Texarkana: precipitation departure, December, −0.76.
Whitecliffs: precipitation departure, January, +1.10.

UNAR

MAR 19 1925

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, ARK., JANUARY, 1925 No. 1

GENERAL SUMMARY

Moderate winter weather prevailed during the first two decades of the month, but about the 20th temperatures began rising and by the 25th were 12° to 16° above normal throughout the State. This warm weather was followed by a moderate cold wave, zero temperatures being recorded at a few stations in northern and northeastern counties and 18° to 20° to the southern border. Frequent freezing and thawing did considerable damage to oats in some localities, but the snow which fell the latter part of the month remained on the ground in northern counties, making conditions more favorable for these crops. Conditions were generally favorable for wheat, rye, and fruit. The dry weather which characterized the year, 1924, continued through January, 1925, precipitation totaling only 63% of the normal amount, the soil being too dry for plowing in some localities in southern counties. Most of the precipitation fell as light to moderate showers and was confined principally to the 1st, 9th to 12th, 15th to 19th, and 26th and 27th, that of the 27th being snow over a greater part of the State. There were no destructive hail or wind storms during the month.

W. C. H.

TEMPERATURE

The mean temperature for the month of January, as determined from the records of 52 stations, was 40.8° which is 0.1° below normal, positive and negative departures occurring throughout the State. Monthly means ranged from 46.6° at Huttig to 33.8° at Mammoth Spring. Extremes ranged from 76° at Marked Tree on the 6th to — 4° at Mammoth Spring on the 28th. The lowest occurred in most localities on the 28th while the highest occurred on different dates. The greatest daily range was 52° at Huttig on the 28th.

PRECIPITATION

The average precipitation for January, as determined from the records of 74 stations, was 2.68 inches which is 1.55 inches below normal. Positive departures occurred at a few southern stations and at two in the northern half of the State, negative elsewhere. Monthly totals ranged from 1.00 inch at Clinton to 5.77 inches at Springbank. The greatest amount measured in 24 consecutive hours was 2.37 inches at Portland on the 10th. Snow fell over the greater portion of the State, the average for 74 stations being 2.1 inches, amounts varying from 6.0 inches at a few northern stations to a trace at numerous southern. The average number of rainy days was 8.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 15th, 5; 16th, 1; 26th, 2.
Dense fog:- 1st, 1; 2d, 1; 18th, 1; 21st, 1.
Solar Halos:- 20th, 1.
Lunar Halos:- 10th, 1; 28th, 1.
Sleet:- 1st, 7; 8th, 1; 11th, 2; 15th, 3; 16th, 1; 18th, 1; 19th, 3; 25th, 2; 26th, 8; 27th, 12; 28th, 1.
Light Hail:- Hot Springs, 8th.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level)					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville..	30.14	31.50	23	29.75	11	3,574	16	s.	16	.....	.....	58
Fort Smith...	30.15	30.53	23	29.76	11	5,834	27	w.	1	84	70	51
Little Rock	30.16	30.57	23	29.72	11	5,617	34	sw.	7	79	62	48
Memphis....	30.18	30.59	23	29.68	11	5,613	28	n.	27	79	66	48

COMPARATIVE DATA FOR JANUARY

Year	Temperature				Precipitation		Number of days			
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Clear	Partly cloudy	Cloudy	Precip.01 or more
Means and Extremes	**40.9**		**86**	**- 23**	**4.23**		**12**	**7**	**12**	**7**
1891.....	41.6	+0.7	71	13	5.34	+1.11	10	6	15	10
1892.....	34.7	−6.2	81	−12	2.48	−1.75	18	5	8	6
1893.....	38.5	−2.4	80	−13	1.13	−3.10	17	8	6	2
1894.....	43.5	+2.6	77	−22	3.63	−0.60	13	8	10	7
1895.....	36.9	−4.0	78	− 5	5.19	+0.96	9	6	16	8
1896.....	41.4	+0.5	78	4	4.09	−0.14	10	6	15	8
1897.....	38.9	−2.0	76	− 2	6.78	+2.55	13	5	13	8
1898.....	45.5	+4.6	81	10	7.93	+3.70	10	8	13	9
1899.....	39.3	−1.6	75	− 9	5.91	+1.68	12	6	13	7
1900.....	43.4	+2.5	78	1	2.69	−1.54	13	7	11	7
1901.....	45.6	+4.7	79	2	2.21	−2.02	16	7	8	5
1902.....	38.0	−2.9	80	7	4.13	−0.10	11	6	14	8
1903.....	40.2	−0.7	75	− 5	2.60	−1.63	13	8	10	6
1904.....	38.9	−2.0	73	13	3.81	−0.42	15	8	8	6
1905.....	33.3	−7.6	82	− 2	4.58	+0.35	12	8	11	6
1906.....	43.1	+2.2	82	− 8	5.19	+0.96	14	5	12	6
1907	49.2	+8.3	78	6	5.80	+1.57	8	7	16	11
1908.....	41.7	+0.8	82	−19	3.75	−0.48	14	7	10	7
1909.....	43.8	+2.9	78	− 7	1.79	−2.44	4	7	20	6
1910.....	41.8	+0.9	86	− 9	2.59	−1.64	16	6	9	6
1911.....	47.6	+6.7	79	−16	1.02	−3.21	8	10	13	6
1912.....	34.3	−6.6	78	− 1	3.01	−1.22	13	10	8	6
1913.....	44.0	+3.1	82	7	8.45	+4.22	12	7	12	10
1914.....	46.6	+5.7	74	− 3	1.57	−2.66	13	9	9	4
1915.....	39.3	−1.6	82	− 6	4.38	+0.15	10	6	15	8
1916.....	44.3	+3.4	82	− 4	9.39	+5.16	8	4	19	12
1917.....	44.0	+3.1	80	−23	3.66	−0.57	11	5	15	7
1918.....	27.3	−13.6	75	− 3	4.39	+0.16	13	4	14	8
1919.....	41.4	+0.5	82	11	3.00	−1.23	16	5	10	6
1920.....	39.6	−1.3	85	6	6.49	+2.26	12	4	15	8
1921.....	46.9	+6.0	74	4	2.07	−2.16	11	6	14	6
1922.....	39.1	−1.8	80	15	2.63	−1.60	8	5	18	7
1923.....	48.6	+7.7	79	− 6	5.78	+1.55	14	5	12	9
1924.....	36.1*	−4.8	76	− 4	3.19	−1.04	15	3	13	7
1925.....	40.8	+0.1			2.68	−1.55	14	4	13	8

*Based on 30 years record.

Climatological Data for January, 1925

Stations	Counties	Elevation, feet	Temperature (Degrees Fahrenheit)								Precipitation, inches				Number of days				Prevailing direction of wind	Observers
			Length of record, years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	3?	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	2.74	−1.23	0.95	T.	5	14	1	16	n.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	4.82	+0.12	1.25	T.	10	11	1	19	n.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	1.50	.....	0.50	3.0	5	13	5	13	se.	J. D. Reeves.
Batesville	Independence	277	25	37.4	− 1.4	64	7	5	28†	47	2.03	−2.16	0.45	2.0	10	11	4	16	nc.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	37.4	− 3.9	62	7	6	28	41	1.79	−2.31	0.45	1.0	8	13	3	15	n.	J. E. Scanlan.
Bentonville	Benton	1303	19	36.0	+ 1.9	64	25	6	28	40	1.51	−1.12	0.79	4.5	5	15	4	12	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	1.34	−2.96	0.25	2.2	11	14	1	16	.....	Vernon C. Howe.
Booneville	Logan	465	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Supt. Tuberculosis San.
Brinkley	Monroe	205	37	42.3	+ 0.5	67	24	13	28	39	2.49	−2.48	0.66	0.2	10	14	5	12	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	35.9	− 0.3	65	7	− 1	28†	41	2.06	−1.52	1.02	3.0	7	10	7	14	n.	W. J. Copp.
Camden	Ouachita	158	39	42.7	− 2.2	69	26	18	28†	43	4.34	−0.26	1.80	0	10	13	4	14	ne.	A. B. Quarterman
Center Point	Howard	470	25	43.8	− 1.6	66	6	16	28	30	3.22	−0.52	0.74	0.5	8	12	5	14	se.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	2.72	−2.02	0.72	0.4	11	11	5	15	ne.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.55	1.0	4	14	3	14	n.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	41.2	− 0.8	66	31	13	28	43	2.12	−2.13	0.61	1.0	9	15	7	9	s.	E. E. Cordrey.
Corning	Clay	293	31	39.2	+ 1.9	64	8	2	28	39	2.28	−0.81	0.86	5.1	6	17	2	12	nw.	Winfred D. Polk.
Dam No. 1 ††	White	190	2	.....	.....	.....	.....	.....	.....	.....	1.60	.....	1.00	1.0	2	12	3	16	n.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.13	−1.26	0.86	0.5	5	15	0	16	w.	C. P. Evans.
Dardanelle	Yell	330	38	40.5	+ 0.3	67	17	18	28	31	1.85	−1.44	0.60	1.0	6	14	1	16	e.	J. D. Riley.
Dumas	Desha	162	18	43.3	+ 0.2	68	26	15	29	38	4.29	−0.70	1.12	T.	10	12	8	11	n.	Ben Johnson.
Dutton	Madison	1590	21	34.3	− 1.6	61	22†	2	28	41	2.32	−1.60	1.03	1.5	7	12	8	11	s	J. M. Ricketts.
El Dorado	Union	270	23	45.6	− 0.2	70	26	19	28	38	4.34	+1.15	1.35	0	11	12	7	12	nc.	J. J. Babb.
England	Lonoke	229	17	42.2	− 0.7	68	26	9	28	39	2.78	−1.28	0.75	0.5	11	15	3	13	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	38.4	+ 0.8	66	25	3	28	29	1.87	−1.21	0.81	6.0	6	13	7	11	n.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	37.0	− 1.0	65	25	1	28	35	1.54	−1.45	0.81	5.0	4	14	1	16	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	39.1	− 0.4	68	25	18	27	35	1.41	−1.10	0.83	0.9	11	10	9	12	e.	U. S. Weather Bureau.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	3.80	−0.29	1.26	0.8	9	10	7	14	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	2.35	−3.14	0.70	2.5	9	14	2	15	n.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	2.61	.....	1.10	4.0	9	9	6	16	.....	Ben F. Battenfield.
Grannis	Polk	900	6	40.4	.....	65	6	12	28	38	3.85	.....	0.82	0.5	9	11	4	16	se.	W. E. Mc Vay.
Gravette	Benton	1250	27	39.4	− 1.8	65	25	4	27	41	1.53	−0.97	0.38	6.0	5	13	5	13	sw.	A. F. Stevens.
Harrison	Boone	1352	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	42.4	− 0.6	72	7	15	29	45	2.52	−2.85	0.82	0.2	14	14	1	16	n.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	1.11	.....	0.50	1.0	5	18	3	10	sw.	J. A. Ingram.
Hope	Hempstead	377	53	42.6	− 2.8	68	6	18	28	43	4.52	−0.46	1.40	T.	9	14	2	15	se.	N. P. O'Neal.
Hot Springs	Garland	600	33	42.2	− 0.9	65	5†	14	28	39	2.26	−2.50	0.65	T.	10	14	4	13	.....	P. P. Patraw.
Huttig	Union	175	17	46.6	− 1.6	75	5	20	28	52	5.20	+0.73	2.10	T.	5	12	9	10	n.	J. L. Collett.
Jonesboro	Craighead	345	29	39.7	− 0.7	64	7†	8	28	34	1.70	−3.53	0.41	2.3	10	15	5	11	sw.	Benedictine Sisters.
Junction ††	Union	182	30	44.2	− 1.4	72	26	20	28	44	3.62	−0.28	1.22	0	7	16	3	12	n.	J. A. Lowderback.
Lambrook	Phillips	155	2	42.6	.....	68	7	15	28	38[a]	2.87	.....	0.70	T.	8	14	3	14	.....	G. A. Newton.
Little Rock	Pulaski	399	45	41.8	+ 0.4	64	6	14	28	34	1.51	−3.28	0.61	0.6	12	12	4	15	s.	U. S. Weather Bureau.
Lutherville ††	Johnson	775	27	38.3	− 1.7	65	25	13	28	34	2.35	−1.09	1.10	1.5	7	15	3	13	se.	H. G. Leuhardt.
Magnolia	Columbia	315	6	44.4	.....	69	26	21	13	39	3.82	.....	1.17	0	9	13	5	13	s.	State Agri. School.
Malvern	Hot Springs	277	37	42.7	− 0.5	67	6	15	28	43	3.14	−2.35	1.20	0	9	13	4	14	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	38.8	− 3.0	62	25	− 4	28†	46	1.66	−1.73	0.83	4.0	8	15	5	11	n.	F. M. Daniel.
Marianna	Lee	235	16	42.7	+ 2.5	73	30	14	28	42	1.97	−2.81	0.49	T.	9	8	12	11	n.	C. N. Houck.
Marked Tree	Poinsett	229	19	39.8	.....	76	6	9	27	51	2.16	−3.33	1.10	1.5	11	13	8	10	se.	Charles Walton.
Marshall	Searcy	1070	10	39.4	+ 1.0	64	7	− 3	28	36	2.10	−1.74	0.90	0	5	11	1	19	n.	A. J. Park.
Mena	Polk	1185	38	39.8	− 1.5	63	6	14	28	33	2.56	−1.23	0.90	0.9	10	15	9	7	n.	E. W. St. John.
Morrillton	Conway	347	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Henry Harless.
Mountain Home	Baxter	800	11	35.5	− 1.7	65	25†	0	28	37	2.68	+0.03	1.08	4.5	5	16	2	13	n.	B. S. Halbert.
Mountain View	Stone	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Webb.
Mount Ida	Montgomery	650	25	40.4	− 0.3	66	5†	9	28	50	2.10	−2.21	0.50	1.0	8	13	4	14	ne.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	3.57	+0.44	0.99	0	7	7	9	15	.....	Henry A. Davis.
Nail	Newton	2233	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Paxton.
Newport	Jackson	231	40	39.8	+ 0.6	65	26	4	28	42	1.94	−2.98	0.74	1.5	9	19	1	11	n.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	39.4	− 0.4	66	7	17	28	35	1.68	−3.47	0.59	0.5	7	16	7	8	n.	Mrs. Josephine Morris.
Ozark	Franklin	450	28	38.8[a]	− 2.2	66[a]	25	11[a]	13	35[b]	2.58	+0.09	1.12	2.0	7	13	6	12	e.	Isham Burrow.
Ozark Beach Mo	Taney	650	1	.....	.....	.....	.....	.....	.....	.....	1.76	.....	1.04	T.	4	.....	.....	.....	.....	S. E. Gard.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	1.74	−2.95	0.62	0	4	17	0	14	n.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	1.47	.....	0.29	2.5	7	14	3	11	ne.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	2.24	.....	1.00	3.5	8	12	4	15	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	43.6	+ 0.5	70	26	16	28	41	3.00	2.01	1.20	0	7	15	4	12	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	38.4	− 0.4	64	7	6	28	35	1.79	−2.45	0.40	4.5	9	16	2	13	n.	Benedicitine Sisters.
Portland	Ashley	122	18	46.1	− 0.2	70	7†	19	28	40	5.55	+0.50	2.37	0	8	12	8	11	n.	W. E. Edmiston.
Prescott	Nevada	329	36	41.2	− 2.9	66	6	11	28	41	4.71	+0.37	1.70	0	8	16	4	11	n.	O. J. Stephenson.
Princeton	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	3.39	−0.90	1.02	0	7	11	0	20	ne.	Foote Coleman.
Rison	Cleveland	243	23	44.1	+ 0.5	71	26	16	28	41	3.79	−1.55	1.80	T.	6	16	5	10	ne.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	36.4	− 0.5	65	25	3	28	38	1.17	−1.29	0.60	4.8	6	12	4	15	nw.	Carl A. Starck.
Searcy	White	236	11	43.8	+ 3.4	65	26	20	28	32	2.15	−2.03	1.50	2.0	6	16	3	12	s.	J. T. Bell.
Springbank ††	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	5.77	+1.77	1.36	0	9	18	2	11	.....	Miss Grace Field.
Stuttgart	Arkansas	228	37	43.2	− 1.0	69	26	15	28	39	2.95	−1.96	0.67	0.6	11	16	4	11	ne.	Adam F. Buerkle.
Subiaco	Logan	1050	27	40.4	− 1.0	67	6	15	28	41	1.59	−1.61	0.77	1.0	6	14	2	15	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	43.6	− 2.6	69	6†	17	13†	41	3.23	−0.01	0.75	0	11	15	4	12	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	2.18	.....	0.72	1.5	9	13	3	15	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	44.5	− 0.1	69	26	17	28	43	4.52	−0.63	1.67	0	8	16	5	10	s.	W. L. Shide.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	4.12	+1.00	1.30	T.	7	10	5	16	ne.	Nannie O. Schirmer.
Wynne	Cross	250	18	40.9	+ 0.7	75	26	11	28	34	2.13	−2.62	0.80	1.5	8	13	4	14	n.	E. O. Allen.
Yancopin	Desha	157	1	.....	.....	.....	.....	.....	.....	.....	3.41	.....	1.45	T.	9	16	0	15	.....	W. E. Barton.
State Means and Extremes				40.8	+ 0.1	76	6	− 4	28	52	2.68	− 1.55	2.37	2.1	8	14	4	13	n.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily Precipitation for January, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	11	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia	Ouachita								.15		.80						.95	.22	.62										T.				2.74
Arkansas City	Mississippi	.05	.03	T.						.73	.50	1.25					.70	.58	.80	.12	.06							T.	T.				4.82
Arlberg	White									.15		.40	T.				.50			.15							.30					1.50
Batesville	White	T.	.16							.45	T.	.42	.04	.16			.28	.02		.22	T.						.22	.06				2.03
Bee Branch	Arkansas	.10								.36	T.	.45	.04			.15	.38			.21							.10					1.79
Bentonville ***	Arkansas	.17							T.				T.			.77	.03			.22						.32						1.51
Black Rock	White		.09							.22		.20	.05	.21			.25	.04		.03	.13							.10	.02				1.34
Booneville	Arkansas																															
Brinkley	White									.06	.42	.66	.08			.05	.46	.08	.06							.21	.41	T.				2.49
Calico Rock	White	.06	.06							.09		.37	T.				1.02			.07	T.						.39					2.06
Camden	Ouachita									.38	.48	1.80					.30	.37	.77	.03	.04					.11	.06					4.34
Center Point	Red	T.								T.	.74	.74				.42	.28	.25	.34	.40							.05					3.22
Clarendon	White	.01	T.							.03	.35	.72	.09	.04			.07	.63	.11	T.	.02					T.	.25	T.				2.32
Clinton	White									.15		.55	T.			T.	.15			T.							.15					1.00
Conway	Arkansas	.02								.33	.16	.61	T.			.22	.29	.03		.27							.19					2.12
Corning	White	.86										.47	.21				.46			.37							.51					2.88
Dam No. 1	White											.50							1.00							.10						1.60
Danville	Arkansas		T.							.40		.86					.40			.28							.19					2.13
Dardanelle	Arkansas									.45		.60					.43			.25	.05						.07					1.85
Dumas	Arkansas	.05								.47	1.12	.89	.02				.62	.23	.46	.05							.38					4.29
Dutton	White	.10										.18	T.			1.03	.75			.05						.04	.17					2.32
El Dorado	Ouachita	.04								.56	.43	1.35					.45	.52	.67	.02	.05						.20	.05				4.34
England	Arkansas									.02	.75	.65	.06	T.		.14	.43	.25	.20	.06						.06	.16					2.78
Eureka Springs	White	.35														.81	.16			.15						.10	.30					1.87
Evening Shade	White											T.	T			.81	.33			.12	T.					T.	.28					1.54
Fayetteville	White															.82	.02	.01	.01	.11						.07	.03					1.41
Fort Smith ***	Arkansas	.13							.01		.12	.08	T.														T.					3.80
Fulton	Red	.04								.12	.59	1.26				T.	.65	.30	.53	.23	.08						.25					2.35
Georgetown	White									.25	.20	.70	.25	.20			.25	.10		.15							.53					2.01
Gilbert	White	.09	.04							.05	.13						1.10	.02		.05						T.	.20					3.85
Grannis	Red									.16	.48	.82				.82	.30	.30	.25	.52						T.	.37					1.53
Gravette	Arkansas	.11														.35	.32			.38												
Harrison	White																															
Helena	Mississippi	.18	.02							.20	.30	.82	.22	.02			.12	.18	.10	.14	.10					T.	.10	.02				2.52
Higden	White	T								.15		.50	.06					.20							.20							1.11
Hope	Red									.14	1.40	.88				.51	.58	.22	.63	.11							.05					4.52
Hot Springs	Ouachita	.09					T.	T.	.01	.24	.65	T.				.33	.17	.27	.18	.18						T.	.11					2.26
Huttig	Ouachita								1.05			1.80				T.			2.10	.05							.20					5.20
Jonesboro	White	.03	.01						.41	.01	.33	.36				T.	.18			.11						.01	.25					1.70
Junction	Ouachita	T.							.71		1.22						.49	.08	.70	.17							.25					3.62
Lambrook	White								.37	.36	.60	.70				.18		.20	.36	.10							T.					2.87
Little Rock ***	Arkansas	.02								.17	.20	.54	.01			.16	.08	.08	.06	.03						.07	.09					1.51
Lutherville	Arkansas	.30							.10		.10	.40				1.10				.20						.15						2.35
Magnolia	Red									.56	1.17	.75				.15	.70	.70	.36	.10							.33					4.82
Malvern	Ouachita		.04								.25	1.20					.80	.10	.40	.10	.10						.15					3.14
Mammoth Spring	White		.17								.03	.28	.03				.83			.03	.04						.25					1.66
Marianna	Mississippi		.01							.05	.49	.45	.05				.41	.38	.11						.02		T.					1.97
Marked Tree	Mississippi	.24	.03							.37	.12	.56	.07	.10			T.	.27		.03	.03						.34	T.				2.16
Marshall	White											.70				.09	.90			.01							.40					2.10
Mena	Ouachita	.01								.05	.05	.90				T.	.84	.01	.15	.40	.01						.14					2.56
Morrilton	Arkansas																									.10						
Mountain Home	White	.30										.52				.48	1.08										.30					2.68
Mt. View	White																															
Mount Ida	Ouachita										.23	.50				.35	.40	.27	.06	.20							.09					2.10
Marfreesboro	Ouachita		T.							.21	.87	.99	T.		T.	.05	.60	F.	.54	.31	T.										T.	3.57
Nail	White																															
Newport	White							.74	.03	.05		.10		.60				.02		.15	.10									15		1.94
Osceola	Mississippi										.40		.59	.12	.10			.12	.30									.05				1.68
Ozark	Arkansas	.31							T.			.09	.29			1.12		.34		.11								.32				2.58
Ozark Beach, Mo.	White	.12	.28														1.04											.32				1.76
Patterson	White										.41	.56					.62			.15												1.74
Piggott	St. Francis	.14								.18		.25	.24			T.	.16			.21						T.	.29					1.47
Pindall	White	.12								.02		.24				.43	1.00			.08						.01	.34					2.24
Pine Bluff	Arkansas									.03	.28	1.20					.22	.60	.46	T.	T.					T.	.21					3.00
Pocahontas	White		.10							.10		.25	.20			.17	.30			.22						.05	.40					1.79
Portland	Ouachita	.05							1.35	1.02	.67						1.50	.47	.14	.05												5.55
Prescott	Ouachita	.02						T.	.06	.94	1.70	T.					.77	.43	.42	.36												4.71
Princeton	Ouachita										.72	.93	.15					.18	.27	1.02	.12											3.39
Rison	Ouachita									.18	.55	1.80				.25	.63		.38									T.				3.79
Rogers	Arkansas	.14											T.			.48	.12			.14						.04	.25					1.17
Searcy	White	T.	T.								T.	.10	.10			.15	.10			1.50							.20					2.15
Springbank	Red	T.	T							.30	1.31	1.36				T.	.73	.43	1.21	.25	.10						1.0					5.77
Stuttgart	Arkansas									.06	.67	.60	.08			.05	.50	.50	.12	.08						.18	.06					2.95
Subiaco	Arkansas	T.								T.	.02	.28	T			.77	.20			.24							.08					1.59
Texarkana	Red	.05							.05	.75	.25					.35	.55	.35	.46	.25	.10						.07					3.23
Waldron	Arkansas	.10						.06	.08	.72						.50		.20		.35						.02	.15					2.18
Warren	Ouachita								.80	.40	1.67						.50	.65	.20	.10							.20					4.52
Whitecliffs	Red									.60	1.30					T.	.60	.20	.52	.30	.60											4.12
Wynne	Mississippi	T.	.10						.20		.80	.16	.12				T	.35	T.	T.	.02					T.	.38	T.				2.13
Yancopin	Arkansas								.33	.35	1.45	T.					.37	.23	.50	.01	.03						.14					3.41

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‡‡ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily River Stages for January, 1925

Stations.	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.7	6.1	6.0	6.9	6.7	6.0	5.8	6.0	6.1	7.8	8.7	8.8	8.1	7.9	7.6	7....	7.0	7.0	9.0	9.2	9.6	8.7	8.5	8.4	7.8	8.4	8.9	10.0	9.8	9.4	8.6
Dardanelle	do	20	2.5	2.6	2.6	3.0	3.3	3.8	3.5	3.1	3.1	3.1	4.2	4.8	5.3	5.2	4.9	4.8	4.8	4.6	4.4	4.6	6.6	6.6	6.0	5.2	4.5	4.4	4.5	5.6	6.5	7.1	7.0
Little Rock	do	23	0.5	0.3	0.3	0.3	0.2	-0.2	0.5	1.0	0.7	0.5	0.4	0.6	1.1	2.1	2.4	2.4	2.0	2.1	2.0	2.0	2.0	3.0	4.5	4.0	3.3	2.5	2.6	1.8	2.5	3.6	4.6
Pine Bluff	do	25	4.7	4.2	3.9	3.7	3.7	3.7	3.8	4.6	5.0	4.8	4.5	4.4	4.7	5.5	6.2	6.7	6.6	6.6	6.5	6.5	6.4	6.3	7.3	8.5	8.0	7.5	7.0	6.5	6.2	6.6	7.6
Black Rock	Black	14	3.5	3.3	3.3	3.2	3.0	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.7	2.7	2.6
Gilbert	Buffalo	30	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.8	5.7	5.5	5.1	4.8	4.6	4.4	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9
Calico Rock	White	18	2.8	2.2	2.1	1.4	1.6	2.2	1.5	1.6	1.6	1.5	2.3	2.3	1.4	1.1	1.5	2.1	3.3	4.7	4.5	3.6	4.2	4.0	3.8	3.6	3.3	3.2	2.8	2.7	2.9	2.9	2.5
Batesville	do	23	8.3	7.9	7.7	7.3	6.7	6.9	7.1	6.9	6.9	6.9	7.2	6.8	7.3	6.3	6.1	6.6	7.9	9.0	10.2	9.7	9.4	9.7	9.5	9.1	8.9	8.8	8.5	8.2	7.9	8.1	8.0
Newport	do	26	5.0	4.8	4.4	4.0	3.9	3.5	3.9	3.5	4.4	4.3	4.3	3.4	3.9	3.4	3.0	3.0	3.2	4.0	6.3	6.3	5.7	5.8	5.9	5.7	5.6	5.6	5.6	4.5	4.5	4.0	4.0
Georgetown	do	22	9.6	8.8	7.6	6.8	6.0	5.6	5.2	4.8	4.4	4.2	4.0	4.0	4.0	4.2	4.2	4.2	3.8	3.6	3.3	5.2	6.4	6.8	7.4	7.0	7.0	7.0	6.8	6.4	6.2	6.0	5.8
Clarendon	do	30	20.0	19.1	18.1	16.9	15.8	14.9	11.0	13.2	12.6	12.2	12.9	12.0	12.0	11.8	11.8	11.8	11.7	11.6	11.5	11.6	12.1	12.9	13.5	13.9	14.2	14.3	14.3	14.1	13.9	13.7	13.4
Helena	Mississippi	42	11.8	11.8	11.8	12.4	12.7	12.6	12.3	11.8	11.6	12.0	12.7	13.4	13.8	13.9	13.7	13.4	13.7	14.5	15.4	16.2	16.9	17.6	18.1	18.2	18.1	18.0	18.0	18.5	19.3	19.8	20.0
Arkansas City	do	48	15.8	15.6	15.4	15.3	15.3	15.5	15.6	15.6	15.4	15.2	15.2	15.8	16.6	16.2	16.5	16.5	16.5	16.8	17.0	17.3	17.8	18.3	18.9	19.6	20.7	21.6	21.6	21.6	21.9	22.7	23.3
Camden	Ouachita	49	4.5	4.3	4.0	3.8	3.9	3.6	3.6	3.5	4.0	5.8	6.0	6.4	8.2	8.8	8.9	8.2	7.2	8.9	9.8	10.1	10.6	10.7	10.3	9.7	9.0	8.7	8.4	7.9	7.2	7.0	6.9
Danville	Petit Jean	20	1.5	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.5	1.6	1.6	1.6	1.5	2.8	2.8	2.7	2.7	2.5	2.3	2.3	2.2	2.2	2.1	2.0
Fulton	Red	28	6.1	5.9	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.2	6.3	6.5	7.0	7.2	9.0	10.0	10.5	10.0	9.8	9.1	8.5	8.1	7.7	6.9	6.2
Arkadelphia	Ouachita	18	-0.4	-0.3	0.0	0.1	-0.2	1.0	1.0	0.9	1.0	1.0	1.0	0.2	0.6	1.1	1.2	1.4	1.8	2.2	1.5	2.8	2.3	2.6	2.4	2.4	1.6	1.0	2.2	2.0	1.9	2.0	1.5
Patterson	Cache	9	5.5	5.2	5.0	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.6	

Daily Temperatures for January, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	33	37	57	49	63	62	64	51	49	48	44	42	44	52	46	49	43	49	38	58	59	63	53	58	58	48	47	36	40	51	62	50.1
	Minimum	30	30	23	22	16	19	20	26	27	38	35	35	18	15	16	33	39	31	32	29	25	25	22	22	27	46	24	5	5	16	16	24.7
Bee Branch	Maximum	45	35	52	51	57	60	62	60	49	45	47	47	41	49	47	49	45	44	44	55	56	61	60	52	57	59	39	38	39	48	62	50.2
	Minimum	25	25	20	20	20	19	32	29	33	35	31	29	13	15	30	33	32	26	29	25	25	26	29	26	33	33	13	6	13	15	23	24.6
Bentonville	Maximum	33	34	48	46	55	60	50	49	48	42	48	33	43	51	42	40	33	46	38	46	53	58	56	55	64	53	23	28	34	50	60	45.8
	Minimum	24	24	25	28	30	32	28	24	36	30	31	18	14	22	36	26	26	28	31	28	32	28	35	37	41	13	6	6	21	17	34	26.2
Brinkley	Maximum	46	39	55	56	60	65	66	57	45	46	45	44	45	52	48	49	48	45	40	58	63	64	59	67	63	66	45	39	47	53	64	52.9
	Minimum	31	32	30	31	29	26	43	33	39	41	36	35	23	23	33	42	39	32	35	35	29	32	31	29	45	43	20	13	22	22	30	31.7
Calico Rock§§	Maximum	31	36	57	41	59	61	65	50	51	47	42	37	47	53	44	41	40	45	37	54	61	62	54	58	61	54	28	36	38	52	64	48.6
	Minimum	29	27	26	25	20	20	20	22	26	37	33	29	16	16	17	36	35	30	30	27	27	25	23	23	25	33	15	− 1	− 1	15	15	23.2
Camden§§	Maximum	48	47	62	61	65	67	63	58	48	46	48	47	48	56	50	52	44	47	40	58	60	65	63	66	67	60	37	46	53	55	67	54.9
	Minimum	39	32	31	25	24	24	26	34	39	40	37	32	20	20	27	41	43	35	35	36	28	29	30	29	30	47	28	18	18	24	24	30.5
Center Point	Maximum	52	40	59	57	62	66	59	54	51	47	46	43	42	51	48	53	46	44	44	55	56	62	58	61	62	63	55	43	49	50	65	53.0
	Minimum	32	28	29	29	35	40	44	39	40	42	40	33	19	28	37	40	37	35	33	30	35	35	38	42	46	53	25	16	27	28	37	34.6
Conway	Maximum	48	38	54	53	60	65	63	50	47	49	51	46	44	53	49	50	48	46	44	57	61	63	58	58	62	65	47	39	43	52	66	52.5
	Minimum	32	31	25	23	20	22	38	32	39	42	36	36	18	19	32	39	40	33	34	32	29	30	32	28	36	47	20	13	20	19	26	29.8
Corning	Maximum	56	50	46	46	57	58	62	64	58	49	47	46	47	51	49	52	50	46	49	48	59	61	60	58	62	61	33	36	40	46	61	51.9
	Minimum	29	31	25	31	20	20	38	25	36	37	33	34	19	18	25	35	34	31	22	36	24	26	27	22	41	30	12	2	18	11	25	26.4
Dardanelle	Maximum	40	36	52	54	42	58	44	50	51	54	50	50	46	52	49	50	67	50	47	52	50	52	54	53	53	50	45	48	49	55	49	50.1
	Minimum	32	26	24	24	24	27	34	35	34	38	36	34	20	24	38	36	37	34	35	42	32	31	34	40	39	36	26	18	25	27	25	30.9
Dumas	Maximum	44	42	55	54	62	65	67	63	50	45	50	50	43	55	50	50	50	40	40	54	60	63	60	65	68	61	39	46	52	65	53.9
	Minimum	37	34	31	30	29	27	38	40	40	40	37	34	24	22	35	40	39	33	36	38	28	31	34	31	42	52	23	16	15	24	29	32.5
Dutton	Maximum	40	31	50	46	56	57	55	48	42	42	47	42	40	49	40	41	37	48	41	52	50	61	51	49	61	55	29	37	31	48	39	45.6
	Minimum	30	24	19	22	20	19	31	21	34	33	31	23	5	12	28	35	28	27	30	21	23	20	25	29	30	27	10	2	17	12	25	23.0
El Dorado	Maximum	49	48	62	61	65	68	66	59	52	46	48	47	47	56	51	53	51	42	42	56	60	64	63	68	66	70	63	55	53	55	68	56.6
	Minimum	37	30	37	30	29	30	41	42	40	43	37	36	22	24	39	47	40	35	37	37	30	33	35	35	44	54	27	19	28	28	30	34.7
England	Maximum	47	39	57	55	62	62	67	54	45	45	54	50	44	53	46	49	48	45	41	60	62	63	60	65	65	68	51	39	40	52	66	53 4
	Minimum	32	32	27	29	23	26	42	35	39	41	36	33	21	22	34	40	38	32	35	33	29	32	33	28	42	49	20	9	21	22	30	31.1
Eureka Springs	Maximum	36	34	50	49	56	61	55	55	50	44	50	55	51	59	50	40	35	47	41	50	50	64	58	56	66	59	32	32	37	54	62	49.6
	Minimum	29	22	25	25	30	32	37	24	34	29	28	24	12	28	35	29	26	25	30	27	31	34	31	48	44	19	6	3	22	17	38	27.2
Evening Shade	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fort Smith	Maximum	41	34	48	50	54	65	54	46	47	45	48	36	40	49	41	42	41	46	42	52	53	59	55	56	68	55	32	33	41	49	62	47.9
	Minimum	28	27	25	30	29	30	37	33	38	37	33	24	20	24	36	32	31	34	33	30	30	32	38	38	43	24	18	19	26	26	35	30.3
Fayetteville	Maximum	37	36	49	45	56	60	55	49	47	46	45	44	44	52	48	42	34	45	41	45	53	60	59	52	65	56	26	36	36	50	59	47.9
	Minimum	29	22	22	26	30	26	42	24	36	33	31	24	11	22	38	28	25	27	30	26	28	27	29	40	43	22	5	1	24	15	39	26.6
Grannis	Maximum	51	39	61	55	64	65	60	51	49	45	52	42	48	52	43	53	42	41	41	55	54	63	57	58	62	59	49	42	45	50	50	51.5
	Minimum	27	24	26	27	26	31	37	35	36	39	36	28	13	22	34	37	33	32	29	25	27	31	34	34	39	40	20	12	23	22	28	29.3
Gravette	Maximum	28	35	48	47	55	60	55	50	48	4	48	44	44	53	45	40	32	47	43	45	52	58	56	57	65	59	25	30	36	51	60	47.1
	Minimum	25	22	22	16	21	20	30	17	30	24	24	20	6	14	35	27	25	27	32	19	26	21	23	40	40	20	4	8	18	10	37	22.7
Harrison	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Maximum	40	41	58	58	64	65	72	52	48	51	43	48	48	52	51	52	49	45	44	61	63	68	63	67	62	67	33	41	50	54	65	54.6
	Minimum	33	34	33	33	25	26	27	40	37	41	38	37	23	23	23	37	44	33	33	38	29	28	31	29	29	50	22	16	15	24	23	30.8
Hope	Maximum	46	49	62	61	65	68	62	52	48	46	46	42	40	46	44	49	44	46	43	55	59	64	61	61	66	65	47	47	51	54	61	53.2
	Minimum	31	29	27	26	23	25	42	39	39	39	40	29	21	23	36	39	40	36	34	28	28	29	33	35	47	47	27	18	27	25	33	32.1
Hot Springs	Maximum	45	35	60	57	65	65	56	51	46	45	53	47	45	52	42	53	45	43	42	58	59	62	58	59	61	63	53	42	46	53	65	52.5
	Minimum	29	29	27	29	26	29	38	35	39	43	37	33	19	23	33	39	38	33	34	31	32	33	35	33	42	50	22	14	25	23	32	31.8
Huttig	Maximum	51	51	60	61	75	69	69	67	59	53	55	51	49	56	54	55	55	55	55	42	52	59	65	64	70	70	72	72	72	52	54	69	59.9
	Minimum	36	31	37	28	26	26	34	49	42	39	39	34	24	22	34	36	36	36	38	39	28	32	35	30	41	51	27	20	24	27	27	33.2
Jonesboro	Maximum	47	35	51	49	57	60	64	56	46	46	41	43	41	49	49	47	46	41	37	55	61	59	50	63	64	61	35	29	42	48	61	49.5
	Minimum	29	30	31	32	25	27	38	32	36	40	34	34	22	22	30	31	37	31	32	34	32	38	30	29	45	34	16	8	20	21	28	28.9
Junction	Maximum	52	48	58	60	67	69	68	60	57	47	49	47	46	56	52	49	47	46	42	56	60	65	63	56	68	72	64	46	54	55	64	56.2
	Minimum	40	29	34	24	23	26	37	46	42	37	36	32	21	20	35	42	36	37	38	36	28	30	30	29	39	49	28	20	23	23	27	32.2
Lambrook ..§§	Maximum	45	42	50	55	60	65	68	54	54	47	46	45	47	51	50	51	45	41	46	54	61	64	57	60	65	65	30	35	45	55	....	51.7
	Minimum	34	35	33	33	22	32	40	39	41	38	37	35	32	20	45	38	35	32	37	35	37	35	33	37	40	50	25	15	20	24	35	33.6
Little Rock	Maximum	40	37	55	53	62	64	55	47	46	47	52	44	42	51	44	49	43	44	38	57	58	62	56	61	65	63	31	38	42	53	64	50.4
	Minimum	32	31	31	30	31	31	45	36	39	43	36	31	24	26	35	41	38	33	35	36	36	39	35	34	45	29	21	14	24	28	34	33.3
Lutherville	Maximum	40	31	46	47	53	58	60	53	46	45	45	36	42	49	39	41	38	44	45	52	54	62	51	51	65	59	31	34	44	50	64	47.6
	Minimum	28	26	26	27	28	29	40	31	37	39	33	25	17	21	33	36	31	30	32	28	31	32	34	35	42	25	17	13	21	20	31	29.0
Magnolia	Maximum	49	42	64	62	66	68	65	62	51	47	48	45	47	55	49	54	51	44	45	55	59	64	65	66	67	69	64	42	41	56	67	55.7
	Minimum	35	27	28	28	27	31	45	40	40	43	40	36	21	25	40	47	41	36	36	20	29	31	32	31	36	45	25	23	26	29	37	33.2
Malvern	Maximum	60	38	60	58	63	67	61	56	47	45	51	47	44	54	49	51	48	47	44	58	59	64	59	60	64	64	61	41	48	54	66	54.5
	Minimum	37	32	27	22	21	24	34	36	39	43	37	34	19	20	34	40	35	34	35	34	29	29	33	29	38	51	23	15	22	22	25	30.9
Mammoth Spg. §§	Maximum	30	33	46	44	52	55	60	47	52	47	40	41	39	46	44	47	40	44	36	52	56	56	49	57	62	51	24	29	13	− 4	− 4	13	14	21.6
	Minimum	26	26	23	24	18	18	19	22	25	34	31	31	15	15	17	34	34	28	28	26	24	23	23	22	21	29	13	− 4	− 4	13	14	21.6
Marianna	Maximum	45	41	54	60	49	63	67	58	46	47	46	46	44	50	50	51	51	44	44	54	61	62	57	63	67	65	56	56	45	73	62	58.5
	Minimum	32	34	30	26	24	27	40	36	40	42	36	35	24	26	21	45	38	33	32	37	29	32	35	30	44	44	20	14	22	31	26	31.9
Marked Tree §§	Maximum	38	55	52	61	62	76	55	46	50	42	45	44	52	50	49	41	44	40	55	60	69	55	63	64	65	29	35	42	48	60	57	51.5
	Minimum	31	32	31	23	23	25	32	32	39	35	35	24	21	22	36	39	31	32	36	28	26	29	26	28	50	17	9	10	19	20	32	28.2
Marshall	Maximum	38	37	54	53	56	59	64	58	46	46	44	54	43	52	45	48	49	55	55	57	54	57	55	65	63	62	40	33	34	48	62	51.2
	Minimum	27	28	35	24	26	24	46	25	36	39	32	31	15	21	37	36	31	21	28	31	26	24	28	31	42	30	15	− 3	15	14	37	27.5
Mena	Maximum	45	39	45	49	62	63	61	49	42	42	52	37	37	52	42	42	38	40	37	56	62	58	62	55	62	58	35	39	43	52	66	48.6
	Minimum	26	26	35	33	33	30	46	32	36	40	36	34	16	23	36	38	33	32	32	27	30	35	39	24	48	35	20	14	27	22	33	31.1
Mt. Home	Maximum	39	33	51	50	59	69	64	49	52	47	41	40	44	53	42	44	45	47	42	54	59	61	53	57	65	65	27	34	38	51	64	49.4
	Minimum	23	20	14	23	17	13	31	20	28	30	26	24	11	13	26	30	26	22	26	24	19	28	26	25	32	23	12	0	19	12	27	21.6
Mt. Ida	Maximum	49	38	65	66	66	66	62	54	46	43	54	47	47	54	48	47	41	43	40	57	60	66	65	58	63	61	47	46	48	56	65	53.4
	Minimum	32	27	29	28	16	17	49	30	32	40	37	32	12	14	27	39	34	32	32	26	25	24	25	25	34	47	22	9	18	15	25	27.5
Newport	Maximum	44	40	48	44	43	62	63	51	48	49	45	42	43	52	47	59	45	47	40	58	59	63	54	58	59	65	43	31	44	46	62	49.8
	Minimum	30	32	26	28	33	25	21	28	39	37	34	31	25	30	28	30	33	32	35	37	29	40	32	35	38	31	18	4	10	38	35	29.8
Osceola	Maximum	32	36	53	51	60	61	66	50	46	47	40	44	43	48	48	50	39	40	41	55	55	61	56	58	63	61	23	31	42	47	59	48.1
	Minimum	30	31	31	32	25	26	41	29	37	39	35	38	24	24	30	43	37	31	34	36	30	30	30	29	30	50	16	17	18	20	29	30.7
Ozark	Maximum	42	34	47	50	55	58	60	47	47	46	49	47	41	55	45	42	40	49	46	51	45	57	53	55	66	62	....	34	45	56	64	49.4
	Minimum	29	29	22	25	23	26	25	29	39	40	35	30	11	20	36	35	32	32	34	28	25	28	33	35	37	....	19	17	23	21	31	28.3
Pine Bluff	Maximum	46	39	57	60	62	68	67	58	47	45	55	47	44	58	46	49	46	46	41	56	61	65	62	67	66	70	52	40	49	56	67	54.6
	Minimum	36	33	29	30	24	27	42	37	39	43	37	35	21	22	34	44	39	33	37	36	29	34	36	30	39	52	23	16	23	25	28	32.7
Pocahontas	Maximum	40	34	52	49	60	60	64	55	51	48	44	41	40	49	45	48	48	45	44	55	59	62	54	54	60	58	37	33	40	47	60	49.5
	Minimum	28	28	27	29	22	23	30	31	36	40	33	35	20	19	24	32	37	30	32	28	28	35	27	25	35	29	13	6	20	17	25	27.2
Portland	Maximum	48	49	58	57	62	68	70	64	55	50	51	55	47	54	55	58	56	52	45	54	59	62	60	67	67	70	64	40	51	53	66	57 0
	Minimum	41	35	35	30	27	28	33	48	43	45	40	35	27	25	39	46	43	33	37	38	30	33	38	33	47	53	26	19	27	28	30	35 2
Prescott	Maximum	50	40	53	55	57	66	60	55	53	45	44	44	41	51	49	48	49	44	40	50	53	60	58	57	60	62	61	35	44	43	51	50.9
	Minimum	34	30	27	28	23	26	40	38	39	42	38	33	19	20	36	40	39	34	34	29	28	32	35	32	39	41	25	11	27	24	30	31.4
Rison	Maximum	47	41	58	57	64	67	64	61	51	46	53	49	40	54	48	49	48	46	43	57	61	65	60	66	65	71	64	43	49	57	67	55.2
	Minimum	37	32	29	30	27	29	38	36	38	41	35	35	25	22	36	45	41	34	45	42	48	55	60	57	56	65	60	25	29	34	49	60	47.7
Rogers	Maximum	38	35	49	48	56	61	56	50	47	15	48	45	47	52	43	41	34	45	42	48	55	60	57	56	65	60	25	29	34	49	60	47.7
	Minimum	30	23	25	25	22	26	31	22	36	32	31	25	11	15	39	31	27	27	31	25	27	24	32	33	32	23	8	3	23	11	34	25.1
Searcy	Maximum	49	39	40	53	57	62	61	55	58	48	46	47	42	52	48	51	47	45	42	57	59	63	56	58	60	65	46	37	41	48	62	51.4
	Minimum	52	33	30	31	30	30	44	50	47	43	43	37	25	28	32	40	41	35	40	45	30	40	32	35	50	45	25	20	25	24	40	36.2
Stuttgart	Maximum	45	43	54	54	61	64	64	58	56	48	50	48	45	51	48	50	49	42	41	55	59	60	57	59	66	69	59	54	44	51	65	53.8
	Minimum	33	33	30	32	28	27	41	34	38	42	35	34	34	26	36	42	36	32	36	35	32	33	33	38	33	45	21	15	24	24	31	32.7
Subiaco	Maximum	45	35	54	51	60	67	64	48	46	47	51	44	43	54	45	43	38	46	44	54	56	64	56	55	59	60	37	44	54	56	66	50.5
	Minimum	29	28	26	30	24	26	38	32	37	41	36	30	19	21	35	34	31	31	34	32	28	37	35	34	49	35	19	15	23	22	29	30.3
Texarkana	Maximum	48	49	62	63	65	69	65	58	55	47	50	42	47	53	47	50	45	49	42	55	60	69	65	62	68	67	54	42	54	52	67	55.5
	Minimum	40	22	26	23	24	28	40	37	38	40	37	33	17	21	38	42	38	32	32	26	28	28	33	36	44	52	26	17	25	25	34	31.7
Warren	Maximum	48	41	58	57	63	66	66	64	55	46	51	49	44	54	50	52	52	48	46	55	59	63	59	62	64	69	67	41	49	52	66	55.4
	Minimum	39	33	33	34	27	28	43	41	40	43	37	36	24	23	38	33	35	34	34	38	29	32	36	32	44	53	24	17	26	26	31	33.6
Wynne	Maximum	45	43	54	51	60	61	64	57	47	48	41	43	44	43	50	49	48	48	41	45	59	61	54	64	65	75	42	28	38	48	62	50.9
	Minimum	31	32	31	27	29	27	40	31	40	38	36	33	23	24	25	43	40	32	36	30	28	30	33	31	43	41	19	11	20	22	31	30.9

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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CHARLES F. MARVIN, Chief

MAR 28 1925
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, ARK., FEBRUARY, 1925 No. 2

GENERAL SUMMARY

Mild and pleasant weather, for a winter month, prevailed in Arkansas during most of February. The mean temperature was 49.3° which is 7.1° above normal, all sections showing positive departures ranging from 1.9° at Calico Rock to 11.5° at Corning. With the exception of February, 1911, when the mean temperature was 49.8°, this is the highest February mean on record. The first decade was unusually warm, daily means being 20° to 22° above normal some days and again about the 21st means were as much as 20° above normal at some stations. The closing days of the month were cold. Sunshine averaged about 61% of the possible amount, being somewhat above the February normal. The warm weather was favorable for all outdoor work. Fruit buds began developing, much plowing was done, and wheat, oats, rye, meadows, and pastures made excellent progress during the month. At the close of the month fruit was not sufficiently advanced to warrant any unusual alarm. The month was practically normal with regards precipitation. the average, 3.37 inches being only 0.09 inch above normal, Most of the precipitation fell as rain, though an appreciable amount of snow fell at 27 stations averaging 1.4 inches.

A small tornado at Mulberry, Crawford County on the 8th, did property damage estimated at $20,000. On the 22d another damaged property at Bearden, Ouachita County, and Stuttgart, Arkansas County, the total being estimated at $15,000.

W. C. H.

TEMPERATURE

The mean temperature for the month of February, 1925, as determined from the records of 51 stations, was 49.3° which is 7.1° above normal, all stations showing positive departures. Monthly means ranged from 56.0° at Huttig to 42.0° at Mammoth Spring. The highest temperature recorded during the month was 83° at Texarkana on the 21st, the lowest, 12° at Fayetteville on the 2d and 27th and at Bee Branch on the 12th. The greatest daily range was 49° at Calico Rock on the 5th.

PRECIPITATION

The month was practically normal with regards precipitation. The average, as determined from the records of 75 stations, was 3.37 inches which is 0.09 inch above normal, positive and negative deparatures occurring throughout most of the State. Monthly totals ranged from 1.04 inches at Rogers to 6.65 inches at Brinkley. The greatest amount measured in 24 consecutive hours was 2.92 inches at Brinkley on the 22d. The average number of rainy days was 6.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 1st, 11; 2d, 6; 6th, 1; 7th, 1; 8th, 28; 10th, 1; 14th, 4; 15th, 1; 16th, 3; 17th, 2; 19th, 1; 20th, 20; 21st, 25; 22d, 40; 23d, 5; 25th, 6; 26th, 1.

Dense fog:- 24th, 1.

Solar Halos:- 9th, 1; 15th, 1; 16th, 1; 21st, 1; 24th, 1; 26th, 1.

Lunar Halos:- 7th, 1; 8th, 1; 16th, 1.

Sleet:- 10th, 1; 22d, 1; 27th, 4; 28th, 6.

Moderate Hail:- Center Point 2d; Helena, 16th. Slight damage.

MISCELLANEOUS DATA.

Stations	Pressure (Sea-level) Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville..	30.00	30.42	27	29.53	22	4,387	26	s.	22	.....	.....	73
Fort Smith...	30.00	30.49	11	29.58	22	6,528	39	w.	22	82	63	61
Little Rock	30.02	30.41	27	29.67	22	6,457	44	w.	10	43	54	54
Memphis....	30.04	30.40	3	29.68	23	5,995	53	sw.	8	77	63	56

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Monthly average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
Means and Extremes	42.2		93	-29	3.28		11	7	10	7
1891.....	46.5	+4.3	80	6	2.92	−0.36	10	9	9	8
1892.....	49.0	+6.8	85	18	3.47	+0.19	11	9	9	7
1893.....	42.4	+0.2	74	2	4.05	+0.77	9	6	13	8
1894.....	40.5	−1.7	75	0	6.32	+3.04	8	7	13	8
1895.....	33.5	−8.7	78	−17	0.71	−2.57	10	7	11	4
1896.....	45.2	+3.0	79	11	3.30	+0.02	15	6	8	6
1897.....	46.6	+4.4	89	8	2.59	−0.69	10	7	11	4
1898.....	45.8	+3.6	83	7	2.08	−1.20	15	5	8	5
1899.....	31.8	−10.4	76	−25	2.18	−1.10	12	6	10	6
1900.....	39.7	−2.5	74	− 5	5.06	+1.78	9	7	12	8
1901.....	40.8	−1.4	79	10	2.18	−1.10	10	7	11	6
1902.....	35.0	−7.2	72	− 2	2.60	−0.68	9	8	11	5
1903.....	41.0	−1.2	79	−12	7.63	+4.35	10	6	12	10
1904.....	44.9	+2.7	86	10	2.47	−0.81	12	8	9	5
1905.....	32.3	−9.9	82	−29	2.55	−0.73	9	6	13	7
1906.....	41.8	−0.4	75	− 7	2.21	−1.07	15	5	8	6
1907.....	44.9	+2.7	83	4	2.77	−0.51	12	6	10	6
1908.....	44.2	+2.0	78	0	5.26	+1.98	12	5	12	9
1909.....	47.3	+5.1	82	5	5.41	+2.13	13	6	9	8
1910.....	39.0	−3.2	75	−13	3.66	+0.38	11	6	11	7
1911.....	49.8	+7.6	87	7	4.31	+1.03	9	8	11	9
1912.....	37.9	−4.3	78	− 7	2.80	−0.48	12	8	9	6
1913.....	41.0	−1.2	82	5	3.74	+0.46	11	6	11	8
1914.....	40.1	−1.8	79	− 2	4.23	+0.95	11	7	10	7
1915.....	45.9	+3.7	76	11	4.47	+1.19	11	5	12	8
1916.....	43.4	+1.2	82	6	1.78	−1.50	14	4	11	5
1917.....	43.4	+1.2	89	− 4	1.93	−1.35	15	5	8	4
1918.....	44.4	+2.2	93	4	1.17	−2.11	12	6	10	4
1919.....	44.1	+1.9	80	−10	3.34	+0.06	13	4	11	8
1920.....	45.0	+2.8	79	− 2	1.26	−2.02	11	8	10	5
1921.....	48.3	+6.1	85	− 3	3.59	+0.31	15	5	8	6
1922.....	47.8	+5.6	84	10	4.89	+1.61	9	7	12	8
1923.....	41.9	−0.3	80	5	4.66	+1.38	11	4	13	8
1924.....	42.9	+0.7	82	− 7	2.26	−1.02	12	4	13	7
1925.....	49.3	+7.1	83	12	3.37	+0.09	12	7	9	6

*Based on 30 years record.

Climatological Data for February, 1925

Stations	Counties	Elevation, feet	Temperature (Degrees Fahrenheit)								Precipitation, inches				Number of days				Prevailing direction of wind	Observers
			Length of record, years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	3.55	−0.92	1.10	0.5	7	5	4	19	s.	James Dillard.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	2.78	−1.72	1.04	0	7	10	1	17	s.	F. J. Carpenter.
Arkansas City	Desha	145	40	....	....	.....	.....	.....	.....	.....	4.85	.....	1.75	0.2	5	8	10	10	ne.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. D. Reeves.
Batesville	Independence	277	25	43.8	+ 3.4	74	21	16	12	46	3.37	−0.05	1.14	0	7	9	0	19	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	45.8	+ 3.7	75	21	12	12	41	3.76	+0.13	2.00	0	4	9	12	7	sw.	J. E. Scanlan.
Bentonville	Benton	1303	19	45.0	+ 6.5	74	5	17	27	34	2.07	−0.45	1.45	1.0	6	18	6	4	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.. ..	.....	.....	.....	.....	.....	3.30	+0.17	1.15	T.	8	10	2	16	.....	Vernon C. Howe.
Brinkley	Monroe	205	37	51.5	+ 8.5	76	7	23	12	35	6.65	+2.69	2.92	0.2	9	12	8	8	s.	H. L. D. Whitson.
Calico Rock	Izard	361	20	43.1	+ 1.9	74	21	18	3	49	2.72	+0.30	1.05	T.	6	7	15	6	s.	W.J. Copp.
Camden	Ouachita	158	39	50.8	+ 3.8	80	21	22	12	45	2.69	−1.31	1.27	0	6	11	4	13	sw.	A. B. Quarterman
Center Point	Howard	470	25	52.1	+ 5.9	80	21	26	12†	34	2.74	−0.48	1.52	0	7	14	8	6	s.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	5.17	+1.38	2.42	3.0	7	7	3	18	s.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	3.06	.....	1.65	T.	4	15	7	6	s.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	49.4	+ 6.1	77	21	23	27	39	3.84	+0.18	1.65	0.5	7	15	9	4	s.	E. E. Cordrey.
Corning	Clay	293	31	49.2	+11.5	76	8	20	25	43	3.03	−0.48	1.20	0	3	17	2	9	se.	Winfred D. Polk.
Dam No. 1 ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	5.28	.....	2.24	T.	4	11	3	14	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	3.45	+1.43	0.93	5.0	6	15	9	13	w.	C. P. Evans.
Dardanelle	Yell	330	38	45.6	+ 2.0	62	14†	26	4	29	3.56	+0.53	1.60	0	4	15	0	13	w.	J. D. Riley.
Dumas	Desha	162	18	51.4	+ 2.1	76	7†	25	12	34	4.51	+0.46	1.10	0	10	7	12	9	s.	Ben Johnson.
Dutton	Madison	1590	21	43.2	+ 5.3	71	5	14	12	38	2.40	−0.52	1.33	0.5	8	9	11	8	s.	J. M. Ricketts.
El Dorado ‡‡	Union	270	23	55.4[b]	+ 7.8	81[b]	21	26[b]	12	35[b]	3.15	−0.19	1.25	0	5	8[b]	14[b]	4[b]	sw.	J. J. Babb.
England	Lonoke	229	17	51.0[a]	+ 5.0	80[a]	21	22[a]	12†	37[a]	3.71	−0.47	2.14	3.0	7	8[a]	7[a]	12[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	47.6	+ 7.8	79	5	15	27	39	1.65	−0.99	0.60	1.0	7	10	13	5	n.	Geo. W. Nichoalds.
Evening Shade	Sharp	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	46.5	+ 7.2	74	5	12	2†	38	1.19	−1.35	0.61	0.5	5	19	1	8	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	48.3	+ 5.5	78	21	24	2	34	1.66	−1.08	1.40	0	4	9	10	9	e.	U. S. Weather Bureau
Freeman Springs	Polk	2240	1	.....	.....	.....	.....	.....	.....	.....	2.86	.....	1.07	0	4	14	6	8	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	2.16	−0.85	0.72	T.	6	12	4	12	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	5.37	+2.09	1.80	0.3	9	8	3	17	s.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	1.80	.....	0.80	T.	5	7	13	8	. ..	Ben F. Battenfield.
Grannis	Polk	900	6	49.3	.....	78	21†	21	12	45	3.12	... .	1.77	T.	8	14	3	11	w.	W. E. Mc Vay.
Gravette	Benton	1250	27	44.4	+ 6.6	73	5†	16	3	41	2.04	+0.20	1.40	0	5	15	6	7	sw.	A. F. Stevens.
Harrison	Boone	1052	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.. ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	50.0	+ 6.4	75	7†	23	12	41	3.97	−0.74	1.16	T.	9	12	3	13	s.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	3.69	.....	1.18	0	6	15	8	5	sw.	J. A. Ingram.
Hope	Hempstead	377	53	52.4[a]	+ 4.8	81[a]	21	25[a]	12	40[a]	3.24	−0.75	1.25	0	6	10[b]	10[b]	6[b]	s	N. P. O' Neal.
Hot Springs	Garland	600	33	50.6	+ 3.8	77	21	24	27	38	4.30	+0.68	1.70	1.0	6	12	9	7	.....	P. P. Patnaw.
Huttig	Union	175	17	56.0	+ 4.3	82	22	25	12	39	2.45	−1.69	0.90	0	5	13	9	6	sw.	J. L. Collett.
Jonesboro	Craighead	345	29	48.2	+ 6.7	74	20†	21	27	38	5.16	+1.30	1.72	1 8	10	9	10	9	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	30	53.0	+ 5.9	82	21	21	12	37	3.91	+0.49	1.09	0	5	17	3	6	n.	J. A. Lowderback.
Lambrook	Phillips	155	2	49.2	.....	76	21	18	12	45	4.54	.....	1.36	1.0	9	12	9	7	.....	G. A. Newton.
Little Rock	Pulaski	399	45	50.0	+ 5.1	76	21	23	27	32	3 78	−0.40	1.94	2.2	10	7	10	11	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	47.4	+ 6.4	75	21	20	3	34	3.25	+0.18	1.70	0	5	16	6	6	se.	H. G. Lenhardt.
Magnolia	Columbia	315	6	54.6	.....	81	21	25	12	41	3.70	.....	2.25	0	6	12	8	8	s.	State Agri. School.
Malvern	Hot Springs	277	37	52.1	+ 4.3	80	21	22	12	41	2.68	−0.87	1.40	2.0	6	15	5	8	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	42.0	+ 2.6	76	21	14	26	46	2.13	−0.51	1.15	T.	5	12	8	8	s.	F. M. Daniel.
Marianna	Lee	235	16	51.3	+ 7.9	75	9†	24	12	34	4.43	+0.51	2.48	3.5	6	5	19	4	n.	C. N. Houck.
Marked Tree	Poinsett	229	19	46.2	.....	72	7†	23	26†	43	5.54	+2.08	1.75	0.8	10	12	10	6	n.	Charles Walton.
Marshall	Searcy	1070	10	48.6	+ 4.9	76	21	20	27	38	2.85	+0.63	1.30	T.	4	16	0	12	s.	A. J. Park.
Mena	Polk	1185	38	49.4	+ 5.8	78	21	22	3	40	2.75	−0.46	0.76	0	5	18	4	6	sw.	E. W.St. John.
Morrillton	Conway	347	3	52.8[b]	.....	77	21	24[b]	13	39	3.10	.....	0.90	T.	6	14	4	10	s.	Henry Harless.
Mountain Home	Baxter	800	11	45.1[c]	+ 4.4	77[c]	6	13[c]	13	43[c]	1.31	−1.07	0.83	T.	5	16[c]	2[c]	7[c]	s.	B. S. Halbert.
Mountain View	Stone	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Webb.
Mount Ida	Montgomery	650	25	49.7	+ 3.9	80	21	17	12	53	2 95	−1.17	1.66	T	4	12	7	9	se.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	2.95	+0.56	1.28	0	6	7	8	13	.....	Henry A. Davis.
Newport	Jackson	231	40	49.0	+ 8.5	77	21	19	12	44	4.92	+1.30	1.70	0.6	10	10	10	8	s.	W. T. Parish, Jr.
Osceola	Mississippi	240	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Josephine Morris.
Ozark	Franklin	450	28	48.0	+ 5.1	79	21	21	15	40	2 79	+0.24	1.97	T.	5	14	5	9	nw.	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	5.50	+2.51	1.62	0	7	13	0	15	s.	W. E. Baker.
Piggott	Clay	397	1	.....	..	.....	.....	.....	.....	.....	4.63	.....	1.75	0.5	6	13	8	7	s.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	1.88	.....	0.94	0	7	15	4	9	se.	W. W. Wood.
Pine Bluff	Jefferson	215	37	52.9	+ 7.5	80	21	24	12	40	3.49	−0.51	1.83	1.5	6	11	8	9	sw.	Miss Theresa Schev.
Pocahontas	Randolph	300	30	47.0	+ 6.6	76	21	19	12	38	2.82	−0.45	1.00	0	6	8	10	10	s.	Benedicitine Sisters.
Portland	Ashley	122	18	54.4	+ 5.9	79	7†	26	12	40	1.99	−2.30	0.68	0	7	10	12	6	s.	W. E. Edmiston.
Prescott	Nevada	329	36	50.0	+ 3.7	76	21†	24	12	30	2.64	−0 88	1.39	0	4	15[c]	4[c]	6[c]	sw.	O. J. Stephenson.
Princeton	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	2.33	−1.51	1.50	0	3	15	2	11	nw.	Foote Coleman.
Rison	Cleveland	243	23	53.4	+ 9.0	79	21	23	12	34	2.77	−0.37	1.47	T.	6	15	5	8	se.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	45.8	+ 7.5	76	5	17	27	44	1.04	−0.84	0.41	0.3	4	11	8	9	s.	Carl A. Starck.
Searcy	White	236	11	49.0	+ 5.3	75	22†	25	11†	42	1.50	−2.05	0.50	T.	6	13	9	6	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	2.49	−1.18	0.95	0	6	18	0	10	....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	3.83	....	2.04	0.8	5	20	2	6	s.	S. C. Story.
Stuttgart	Arkansas	228	37	50.8	+ 6.6	77	21	24	28	31	5.39	+1.78	2.70	3.5	8	11	12	5	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	49.8	+ 7.4	80	5†	21	11	42	3.48	+0.79	2.26	0	5	15	4	9	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	52.8	+ 5.0	83	21	24	3†	44	3.37	+0.43	1.06	0	5	14	7	7	n.	H. S. Brashear.
Waldron	Scott	675	6	.....	... ...	.....	.....	.....	.....	.....	3.44	.....	1.96	2.4	6	10	8	10	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	53.2	+ 7.6	75	7	26	12	36	2.50	−1.78	1.40	0	4	14	10	4	s.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	3.80	.....	1.18	T.	5	14	10	4	sw.	J. R. Hudleston.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	3.92	+0.90	1.40	0.1	5	13	3	12	sw.	Nannie O. Schirmer.
Wynne	Cross	250	18	49.9	+ 6.1	72	20	22	12	31	5.22	+1.68	2.25	T.	8	10	7	11	s.	E. O. Allen.
Yancopin	Desha	167	1	... ...	.....	.....	.....	.....	.....	.....	5.77	.....	1.91	0	8	7	7	14	.. ...	W. E. Barton.
State Means and Extremes				49.3	+ 7.1	83	21	12	2†	49	3.37	+0.09	2.92	1.4	6	12	7	9	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction Randolph, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily Precipitation for February, 1925

Stations	Drainage-basin	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Arkadelphia	Ouachita	....	.45	....	....	....	....	.05	....	.55	....	....	....	....	....	....	....	....	....	....	....	.55	.60	1.10	....	....	....	....	.25	....	....	....	3.55
Arkansas City	Mississippi	....	.15	....	....	....	....	....	....	.56	....	....	....	....	....	.60	....	....	....	....	....	.30	.05	1.04	....	....	.08	....	T.	....	....	....	2.78
Arlberg	White	....	....	....	....	....	....	....	1.30	..	....	....	....	....	....	....	....	....	....	....	....	1.35	1.75	....	....	.25	....	.20	....	....	....	....	4.85
Batesville	White	....	....	....	....	....	....	....	....	.56	....	....	....	....	....	....	....	....	....	....	....	.88	.35	1.14	....	.15	.19	.10	T.	....	....	....	3.37
Bee Branch	Arkansas	T.	....	....	....	....	....	....	.48	....	....	....	....	....	....	....	....	....	....	....	....	1.06	2.00	....	....	.22	....	....	T.	....	....	....	3.76
Bentonville ***	Arkansas	.01	....	....	....	....	....	....	1.45	....	.11	....	....	....	....	....	....	....	....	....	.04	....	.38	....	....	....	....	....	.08	....	....	....	2.07
Black Rock	White	.02	....	....	....	....	....	....	.01	.32	....	....	....	....	....	....	....	....	....	....	....	1.15	.47	1.03	....	.02	.28	T.	....	....	....	....	3.30
Booneville	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Brinkley	White	....	.71	....	....	....	....	....	.79	....	....	....	....	....	....	....	.02	.41	....	....	....	1.39	2.92	.28	....	.09	....	.04	....	....	....	....	6.65
Calico Rock	White	....	....	....	....	....	....	....	....	1.05	....	T.	....	....	....	....	....	....	....	....	....	.81	.86	.36	....	.10	.04	T.	....	....	....	....	2.72
Camden	Ouachita	.04	.27	....	....	....	T.	....	.43	....	....	....	....	....	....	....	....	.03	....	....	....	....	.68	1.27	....	....	....	....	....	....	....	....	2.69
Center Point	Red	....	.41	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	.03	.10	1.52	....	....	....	.23	.02	....	....	....	....	2.74
Clarendon	White	....	.87	....	....	....	....	....	....	.48	....	....	....	....	....	T.	....	.15	....	....	T.	.88	....	2.42	....	T.	.12	....	.25	....	....	....	5.17
Clinton	White	....	....	....	....	....	....	T.	.32	....	....	....	....	....	....	....	....	....	....	....	....	.95	1.65	....	....	.14	....	T.	T.	....	....	....	3.06
Conway	Arkansas	.02	.31	....	....	....	....	....	.56	....	....	....	....	....	....	....	....	....	....	....	....	.97	1.65	....	....	.28	....	.05	....	....	....	....	3.84
Corning	White	....	....	....	....	....	....	....	....	.55	....	.07	....	....	....	....	....	....	....	....	....	1.17	1.20	....	....	....	....	....	.04	....	....	....	3.03
Dam No. 1	White	.94	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	1.80	....	2.24	....	....	.30	....	T.	....	....	....	....	5.28
Danville	Arkansas	....	T.	....	....	....	....	....	....	.53	....	....	....	....	....	....	....	....	....	....	....	.93	.85	.92	....	.12	..	....	.10	....	....	....	3.45
Dardanelle	Arkansas	....	....	....	....	....	....	....	.66	....	....	....	....	....	....	....	....	....	....	....	....	1.00	1.00	.90	....	....	....	....	....	....	....	....	3.56
Dumas	Arkansas	.44	.94	....	....	....	....	T.	1.02	....	T.	....	....	....	....	.26	....	....	....	....	.13	.40	1.10	.10	....	.15	....	.05	.05	....	....	....	4.51
Dutton	White	.03	....	....	....	....	....	T.	.55	....	....	....	....	....	....	....	....	....	....	....	....	.24	1.33	.04	....	.04	....	....	.04	....	....	....	2.40
El Dorado	Ouachita	....	.58	....	....	....	.02	....	....	.50	....	....	....	....	....	....	....	....	....	....	....	1.25	....	.80	....	....	....	....	....	....	....	....	3.15
England	Arkansas	....	.47	....	....	....	....	....	.23	....	....	....	....	....	....	.08	....	....	....	....	....	.56	2.14	.02	....	....	....	.21	....	....	....	....	3.71
Eureka Springs	White	.06	....	....	....	....	....	....	.60	....	.16	....	....	....	....	....	....	....	....	....	....	.10	.54	.14	....	....	....	....	.05	....	....	....	1.65
Evening Shade	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fayetteville	White	T.	....	....	....	....	....	....	.37	....	.08	....	....	....	....	....	....	....	....	....	....	.10	.61	T.	....	....	....	T.	.03	....	....	....	1.19
Fort Smith ***	Arkansas	T.	....	....	....	....	....	....	.18	....	T	....	....	....	....	....	....	T.	....	....	.05	....	1.40	T.	....	.03	..	...	T.	....	....	....	1.66
Freeman Springs	Arkansas	....	T.	....	....	....	....	....	1.01	....	T.	....	....	....	....	....	....	....	....	....	....	.60	1.07	....	....	.18	....	....	....	....	....	....	2.86
Fulton	Red	....	.72	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	....	....	....	....	.48	.16	.08	....	....	....	....	.27	....	....	....	2.16
Georgetown	White	....	.90	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	.15	....	....	....	1.35	.65	1.80	....	.04	.15	.03	....	....	....	....	5.37
Gilbert	White	....	....	....	....	....	....	....	....	.31	....	T.	....	....	....	....	....	....	....	....	....	.33	.80	.24	....	.12	....	T.	....	....	....	....	1.80
Grannis	Red	.05	.21	....	....	....	.02	.03	.78	....	....	....	....	T.	....	....	....	....	....	....	.10	.16	1.77	....	....	....	....	T.	....	....	....	....	3.12
Gravette	Arkansas	.01	....	....	....	....	....	....	1.40	....	.15	....	....	....	....	....	....	....	....	....	T.	....	.32	.16	....	....	....	....	T.	....	....	....	2.04
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	....	.88	....	....	....	....	....	....	.62	....	T.	....	....	....	.34	....	.40	....	....	....	.40	.06	1.16	....	....	.10	T.	.01	....	....	....	3.97
Higden	White	.15	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	....	....	....	....	1.06	.80	1.18	...	....	....	....	....	.05	....	....	....	3.69
Hope	Red	....	.65	....	....	....	.07	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	.92	1.25	....	....	....	....	....	.20	....	....	....	3.24
Hot Springs	Ouachita	.01	.42	....	....	....	....	T.	.43	....	....	T.	....	....	....	T.	....	....	....	....	....	1.70	1.66	....	....	....	....	....	.08	....	....	....	4.30
Huttig	Ouachita	.35	.30	....	....	....	....	....	.90	....	....	....	....	....	....	....	....	....	....	....	....	.45	.45	....	....	....	....	....	....	....	....	....	2.45
Jonesboro	White	.01	.39	....	....	....	....	....	.64	....	T.	.06	....	....	....	.25	....	....	....	....	....	1.72	1.13	.58	....	.36	....	.02	....	....	....	....	5.16
Junction	Ouachita	.77	....	....	....	....	....	....	.94	....	....	....	....	....	.34	....	....	....	....	....	....	1.09	.77	....	....	....	....	T.	T.	....	....	....	3.91
Lambrook	White	.20	1.00	....	....	....	....	....	.70	....	....	....	....	....	.40	....	.36	....	....	....	....	.32	1.36	....	....	.10	....	....	.10	....	....	....	4.54
Little Rock **	Arkansas	.53	.02	....	....	....	....	....	.52	....	T.	....	....	....	.01	....	.21	....	....	....	.17	.31	1.94	....	....	.01	....	.06	T.	....	....	....	3.78
Lutherville	Arkansas	....	....	....	....	....	....	T.	.60	....	T.	....	....	....	....	....	....	....	....	....	.63	....	1.70	....	....	.20	....	....	.12	....	....	....	3.25
Magnolia	Red	.08	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.26	1.00	....	....	....	....	.15	.15	....	....	....	3.70
Malvern	Ouachita	....	.40	....	....	....	....	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	.10	.40	1.40	....	....	....	....	.10	....	....	....	2.63
Mammoth Spg.	White	....	....	....	....	....	....	....	.83	.01	....	....	....	....	....	....	....	....	....	....	....	.14	.50	.65	....	....	....	T.	....	....	....	....	2.13
Marianna	Mississippi	.80	.13	....	....	....	....	....	....	....	....	....	....	....	....	....	.33	....	....	....	....	.57	2.48	....	....	....	....	T.	.12	....	....	....	4.43
Marked Tree	Mississippi	....	.67	....	....	....	....	....	.63	....	.10	....	....	....	....	.05	....	.36	....	....	....	1.65	.10	1.75	....	....	.22	.01	T.	....	....	....	5.54
Marshall	White	....	....	....	....	....	....	....	.74	....	....	....	....	....	....	....	....	....	....	....	....	.60	1.30	T.	....	.21	....	T.	....	....	....	....	2.85
Mena	Ouachita	....	T.	....	....	....	....	T.	....	.69	....	....	....	....	....	....	....	....	....	....	....	.60	.76	.67	....	....	....	.03	T.	....	....	....	2.75
Morrilton	Arkansas	.30	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	.70	.70	.90	....	.20	....	T.	....	....	....	....	....	3.10
Mountain Home	White	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	.18	.10	.83	....	....	....	....	T.	.10	....	....	....	1.31
Mount Ida	Ouachita	....	.23	....	....	....	....	....	.58	....	....	....	....	....	....	....	....	....	....	....	....	.48	1.66	....	....	....	....	T.	....	....	....	....	2.95
Murfreesboro	Ouachita	....	.51	....	....	....	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	.27	.29	1.28	....	....	....	....	.37	....	....	....	2.95
Newport	White	....	.70	....	....	....	....	.01	....	.05	....	....	....	....	....	.30	....	....	....	....	....	1.25	.50	1.70	....	....	.30	.06	.05	....	....	....	4.92
Osceola	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	Arkansas	....	....	....	....	....	....	....	.44	....	T.	T.	....	....	....	....	....	....	....	....	.13	.08	1.97	T.	....	....	....	....	.17	....	....	....	2.79
Patterson	White	....	1.28	....	....	....	....	....	....	.67	....	....	....	....	....	....	....	....	....	....	....	1.04	.75	1.62	....	.04	.10	....	....	....	....	....	5.50
Piggott	St. Francis	T.	....	....	....	....	....	....	.61	....	.12	....	....	....	....	....	....	....	....	....	1.75	....	1.40	T	....	.67	....	....	.08	....	....	....	4.63
Pindall	White	....	....	....	....	....	....	....	.48	....	.09	....	....	....	....	....	....	....	....	....	.12	....	.94	.14	....	.01	....	....	.10	....	....	....	1.88
Pine Bluff	Arkansas	....	.62	....	....	....	....	T.	....	.35	....	....	....	....	....	....	....	T.	....	....	....	.51	....	1.83	.03	....	....	....	.15	....	....	....	3.49
Pocahontas	White	....	....	....	....	....	....	07	.20	....	....	....	....	....	....	....	....	....	....	....	....	.95	1.00	.30	....	.30	....	....	....	....	....	....	2.82
Portland	Ouachita	.11	.26	....	....	....	....	....	.32	....	....	....	....	....	....	....	....	.19	....	....	....	.30	.68	.13	....	....	....	....	....	....	....	....	1.99
Prescott	Ouachita	....	32	....	....	....	....	T.	T.	.61	....	....	....	....	....	....	....	....	....	....	....	.29	....	1.39	....	....	....	....	T.	....	....	....	2.61
Princeton	Ouachita	.51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.32	1.50	....	....	....	....	....	....	....	....	2.33
Rison	Ouachita	....	.36	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	.09	....	....	....	.11	1.47	....	....	....	....	.14	....	....	....	....	2.77
Rogers	Arkansas	T.	....	....	....	....	....	....	.41	....	.04	....	....	....	....	....	....	....	....	....	T.	....	.38	.21	....	....	....	....	T.	....	....	....	1.04
Searcy	White	....	.10	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	....	....	....	.20	.25	.25	....	.20	....	T.	....	....	....	....	1.50
Springbank	Red	T.	.60	....	....	....	....	T.	....	.45	....	....	....	....	....	....	....	....	....	....	....	.12	.12	95	....	....	....	....	.25	....	....	....	2.49
Story	Ouachita	.88	....	....	....	....	....	....	.32	....	....	....	....	....	....	....	....	....	....	....	....	.34	2.04	....	....	....	....	.25	....	....	....	....	3.83
Stuttgart	Arkansas	.24	.48	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	.41	....	....	....	.73	2.70	....	....	.03	....	.20	....	....	....	....	5.39
Subiaco	Arkansas	....	....	....	....	....	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	.52	....	2.26	....	....	.19	....	....	.10	....	....	....	3.48
Texarkana	Red	....	.23	....	....	....	....	....	.80	....	....	....	....	....	....	....	....	....	....	....	....	1.06	....	.86	....	....	....	....	.42	....	....	....	3.37
Waldron	Arkansas	....	....	....	....	....	....	....	.51	....	T.	....	....	....	....	....	....	....	....	T.	.15	.52	1.96	..	....	.06	....	.24	....	....	....	....	3.44
Warren	Ouachita	.10	....	....	....	....	....	....	.70	....	....	....	....	....	....	....	....	....	....	....	....	.30	1.40	....	....	....	....	....	....	....	....	....	2.50
Whitecliffs	Red	....	1.20	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	....	.22	.30	1.40	....	....	....	....	....	.42	....	....	....	3.92
Waters	Ouachita	....	.70	....	....	....	....	....	1.11	....	....	....	....	....	....	....	....	....	....	....	....	.59	1.18	....	....	....	....	1	....	....	....	....	3.89
Wynne	Mississippi	....	.68	....	....	....	....	....	....	.78	....	....	....	....	....	.10	....	....	....	....	....	.75	.50	2.25	....	.01	.15	T.	....	....	....	....	5.22
Yancopin	Arkansas	....	1.91	....	....	....	....	....	....	.46	....	....	....	....	....	.75	....	.12	....	....	....	.50	.04	1.68	....	.31	....	....	T.	....	....	....	5.77

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily River Stages for February, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.0	8.1	7.9	7.1	7.9	7.8	7.6	7.1	7.1	6.8	7.0	10.0	9.9	8.9	7.9	7.5	7.4	6.9	6.8	6.5	6.2	6.7	7.5	7.8	7.7	7.6	7.7	7.1	....	....	....
Dardanelle	....do....	20	6.0	5.4	4.6	4.3	4.0	4.4	4.9	4.8	4.4	4.1	4.3	4.8	4.8	6.6	6.1	5.3	4.7	4.1	4.1	3.9	3.8	4.1	5.9	6.3	6.1	5.6	5.4	5.1	....	....	....
Little Rock	....do....	23	5.0	4.5	3.9	2.9	2.0	1.8	1.5	2.2	2.4	2.2	2.0	1.9	2.0	2.3	3.9	4.0	3.5	2.9	2.0	1.7	1.4	1.4	3.1	5.6	7.1	6.8	5.9	5.0	....	....	....
Pine Bluff	....do....	25	8.8	9.2	8.7	7.7	7.1	6.5	6.0	6.1	6.5	6.6	6.4	6.2	6.1	6.3	6.7	7.8	8.0	7.5	6.9	6.5	6.0	6.0	6.5	7.0	10.4	11.3	11.1	10.8	....	....	....
Black Rock	Black	14	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	3.5	4.0	4.0	4.3	4.3	4.3	4.4	4.3	4.2	4.1	4.0	4.0	4.1	4.4	7.0	7.5	7.0	7.0	6.8	6.5	....	....	....
Gilbert	Buffalo	30	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.1	4.3	4.5	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.2	6.8	6.8	6.0	5.7	5.4	5.0	....	....	....
Calico Rock	White	18	2.0	2.2	2.6	3.1	3.0	2.8	3.1	3.0	3.3	2.5	3.7	3.7	3.3	3.5	3.4	3.1	2.9	2.6	2.0	2.0	2.2	2.2	3.3	3.8	4.5	4.2	4.2	4.2	....	....	....
Batesville	....do....	23	7.8	7.6	7.6	8.2	8.5	8.2	8.4	8.4	8.9	8.5	7.9	9.1	8.9	8.9	8.9	8.7	8.5	8.3	7.9	7.4	8.9	8.2	9.9	10.1	9.9	10.2	10.0	10.0	....	....	....
Newport	....do....	26	4.0	3.9	3.9	3.9	4.3	4.5	4.4	4.5	4.8	4.9	4.8	5.0	5.6	5.6	5.6	5.6	5.5	5.3	4.9	4.6	4.4	5.8	7 2	9.7	10 0	10.0	9.7	9.3	....	....	....
Georgetown	....do....	22	5.6	5.4	5 2	5.0	4.8	4.8	5.2	5.4	5 6	5.8	6.0	6.2	6.4	6.6	6.8	6.8	7.0	7.0	6.8	6.6	6.4	6.6	9.0	13.6	15.8	15.6	15.0	14.6	....	....	....
Clarendon	....do....	30	13.2	13.0	13.1	13.0	12.8	12.6	12.6	12.7	12.9	13.1	13.2	13.4	13.6	13.7	14.0	14.1	14.3	14.4	14.4	14.3	14.2	14.4	16.5	18.4	19.8	20.7	21.3	21.8	....	....	....
Helena	Mississippi	42	19.9	19.4	18.9	18.2	17.4	16.7	16.5	16.9	17.8	18.7	19.4	20.2	21.0	21.7	22.5	22.8	22.9	22.6	22.4	22.6	23.4	24.8	26.8	28 5	30.0	31.3	32.6	33.5	....	....	....
Arkansas City	....do....	48	23.6	23.7	23.7	23.3	22.7	21.8	21.0	20.7	20.5	20 6	21.7	22.6	23.4	24.2	25.0	25.6	26.2	26.5	26.5	26.5	26.4	26.7	27.5	29.9	30.8	32.1	33.6	34.6	....	....	....
Camden	Ouachita	49	6.7	6.5	6.4	5.9	5.7	5.6	6.8	7 0	7 3	7.0	6.6	7.3	8 0	8.1	7.2	6.7	6.1	5.3	5.5	5.5	5.5	5.8	8.1	13.6	19.1	21.8	21.1	18.2	....	....	....
Danville	Petit Jean	20	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.9	3.2	3 2	3.2	3.0	2.8	2.6	2.5	2.5	2.4	2.4	2.3	3.9	4.7	15 8	17.3	13.5	12.2	9.0	8.4	....	....	....
Fulton	Red	28	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.5	6.6	6.5	6.5	6.7	6.8	6.8	6.8	6.7	6.5	6 5	6.3	6.2	6.1	6.1	6.4	7.0	10.5	11.5	12.2	11.7	....	....	....
Arkadelphia	Ouachita	18	1.5	0.2	2.5	1.6	1.5	1.7	1.9	1.8	0.3	0.2	2.0	2.2	2.0	1.2	1.2	0.1	1.2	1.2	0.8	1.2	0 6	1.1	6.0	10 0	7.1	4.0	4.0	3.2	....	....	....
Patterson	Cache	9	4.6	4 6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4 6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4 7	4.7	4.8	4.9	5.1	5.9	6.6	7.2	7.8	....	....	....

Daily Temperatures for February, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	56	34	48	64	71	62	67	66	62	63	44	53	60	56	60	60	33	55	63	70	74	58	53	61	62	50	38	40	....	....	....	56.5
	Minimum	29	27	18	23	25	33	50	59	45	37	28	16	19	31	28	18	33	21	21	30	30	52	52	34	40	33	23	19	....	....	....	43.8
Bee Branch	Maximum	57	55	49	62	69	64	65	64	59	58	43	53	59	56	60	63	60	55	64	70	75	71	70	62	60	60	49	48	....	....	....	60.0
	Minimum	46	22	17	23	30	37	45	53	32	36	23	12	24	30	30	32	28	21	30	32	51	50	43	30	42	28	18	20	....	....	....	31.6
Bentonville	Maximum	55	28	55	66	74	70	71	63	60	52	40	55	53	50	60	60	52	55	65	66	72	64	55	66	59	41	39	43	....	....	....	56.3
	Minimum	25	18	21	36	46	46	51	40	37	28	23	24	33	27	26	29	26	33	32	44	56	55	37	38	32	24	17	28	....	....	....	33.3
Brinkley	Maximum	57	57	47	63	71	71	76	73	64	65	47	52	64	64	60	69	66	62	67	75	75	74	59	63	66	63	47	49	....	....	....	63.1
	Minimum	52	30	28	28	40	47	57	57	41	43	30	28	38	40	39	40	35	27	37	43	57	55	52	42	49	36	25	26	....	....	....	39.9
Calico Rock§§	Maximum	56	32	55	67	73	67	67	65	65	61	43	57	61	50	61	63	54	55	63	73	74	60	51	63	52	41	41	41	....	....	....	57.5
	Minimum	26	25	18	19	24	29	36	50	42	34	26	18	18	25	26	26	31	22	23	26	29	49	48	31	36	27	20	20	..	....	....	28.7
Camden§§	Maximum	61	40	56	68	74	74	76	66	67	64	52	57	68	70	65	73	59	63	72	73	80	74	64	69	71	64	40	53	....	....	....	64.8
	Minimum	27	39	27	28	29	36	54	59	35	35	30	22	23	36	41	42	43	26	38	38	39	56	51	38	38	35	34	29	....	....	....	36.7
Center Point	Maximum	67	64	58	66	70	71	73	68	59	58	48	55	66	61	65	71	65	60	61	70	80	73	64	68	69	61	55	37	....	....	....	63.5
	Minimum	54	30	27	38	46	52	47	57	34	41	27	26	36	39	35	45	34	35	45	46	59	55	48	42	48	41	27	26	....	....	....	40.7
Conway	Maximum	59	57	53	66	72	66	72	66	60	62	47	57	63	59	63	68	61	61	65	75	77	69	57	66	76	59	45	42	....	....	....	62.2
	Minimum	52	30	25	29	35	40	46	55	35	41	29	21	31	31	35	37	34	25	32	36	56	57	49	34	46	35	23	25	....	....	....	36.6
Corning	Maximum	67	63	64	69	61	72	64	76	56	58	61	62	71	68	69	58	68	66	68	74	70	71	68	68	54	64	48	46	....	....	....	64.4
	Minimum	30	39	27	31	32	36	38	40	36	34	41	41	28	33	29	28	29	34	52	46	39	41	39	29	20	24	29	31	....	....	....	34.1
Dardanelle	Maximum	51	43	51	55	58	61	61	57	61	52	54	58	60	62	60	62	56	56	60	62	61	59	55	57	57	60	38	39	....	....	....	55.9
	Minimum	28	27	24	26	36	40	41	38	40	39	34	32	36	39	40	40	38	30	34	37	39	40	38	37	39	38	28	27	....	....	....	35.2
Dumas	Maximum	57	58	41	57	69	70	76	70	62	66	47	54	66	71	64	66	61	61	65	72	76	72	58	65	64	55	48	58	....	....	....	62.5
	Minimum	47	33	31	28	37	38	55	58	40	41	32	25	35	46	46	41	37	27	39	43	56	56	51	38	50	39	29	29	....	....	....	40.2
Dutton	Maximum	55	53	51	63	71	68	66	62	56	53	39	51	58	52	58	61	54	51	62	64	70	62	54	62	60	52	45	36	....	....	....	56.8
	Minimum	40	20	15	24	33	38	43	45	31	31	21	11	26	22	20	31	26	24	24	30	49	48	36	27	43	24	19	21	....	....	....	29.5
El Dorado	Maximum	61	54	56	68	73	73	77	67	67	66	57	58	68	72	69	74	68	64	72	73	81	75	63	71	70	68	....	....	....	....	....	67.9
	Minimum	48	32	30	33	41	50	58	56	37	42	30	26	36	50	48	45	41	33	41	45	56	55	50	42	50	42	....	....	....	....	....	43.0
England	Maximum	60	60	50	64	73	72	73	67	64	68	44	56	65	65	59	68	....	63	60	73	80	71	58	64	62	61	49	48	....	....	....	62.9
	Minimum	50	30	27	27	39	48	56	57	36	40	30	22	33	40	38	38	....	27	35	52	56	55	49	38	49	36	23	22	....	....	....	39.0
Eureka Springs	Maximum	57	50	59	71	79	74	72	62	63	56	42	56	57	52	63	64	55	59	67	67	75	65	58	58	60	48	43	....	....	....	....	60.2
	Minimum	49	18	20	41	46	51	50	49	35	30	21	24	34	26	27	38	26	36	31	45	51	54	37	38	42	24	15	22	....	....	....	35.0
Evening Shade	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fayetteville	Maximum	56	45	55	64	74	69	69	65	69	55	40	52	52	51	52	62	56	55	65	64	73	74	60	65	63	56	41	41	....	....	....	58.7
	Minimum	45	12	18	38	50	51	54	42	31	30	21	22	38	27	26	42	26	35	31	44	51	52	36	33	41	26	12	26	....	....	....	34.3
Fort Smith	Maximum	61	37	50	64	73	69	73	68	59	51	44	60	59	50	60	62	53	63	63	70	78	65	60	71	66	53	37	37	....	....	....	59.1
	Minimum	36	24	26	34	44	51	52	42	36	33	27	26	38	33	33	37	33	34	39	45	52	54	44	41	43	35	29	29	....	....	....	37.5
Grannis	Maximum	58	59	52	65	69	68	72	69	69	54	45	65	61	62	61	68	65	58	64	67	78	78	61	68	65	60	54	36	....	....	....	62.5
	Minimum	40	25	22	20	39	46	53	51	28	35	22	21	29	36	39	39	31	28	46	42	55	51	44	37	45	37	29	22	....	....	....	36.1
Gravette	Maximum	55	42	56	67	73	72	72	65	60	54	41	57	54	49	60	62	54	57	61	67	73	65	59	67	64	52	40	41	....	....	....	58.6
	Minimum	41	18	16	30	39	37	43	44	30	30	21	17	27	23	19	29	25	24	22	39	51	48	37	31	42	22	18	20	....	....	....	30.1
Helena	Maximum	58	42	49	54	68	73	75	75	71	69	47	56	67	72	62	68	49	64	68	73	75	73	58	64	67	57	37	62	....	....	....	62.5
	Minimum	28	36	30	28	29	33	49	54	45	37	33	23	32	35	44	42	44	27	27	40	49	55	50	38	46	36	29	27	....	....	....	37.4
Hope	Maximum	67	62	54	70	73	71	....	78	66	62	52	58	68	61	68	74	64	67	71	73	81	68	65	71	70	66	50	40	....	....	....	65.6
	Minimum	40	33	27	30	47	51	....	55	35	46	30	25	36	36	37	38	38	28	40	40	50	54	54	40	53	40	28	28	....	....	....	39.2
Hot Springs	Maximum	61	60	53	67	72	69	72	65	61	60	47	56	62	63	61	69	66	60	62	68	77	67	58	68	68	62	51	40	....	....	....	62.3
	Minimum	57	31	30	32	41	47	58	58	35	40	31	25	33	39	35	40	37	31	37	39	39	55	47	40	49	35	24	25	....	....	....	38.9
Huttig	Maximum	67	61	56	67	73	75	78	79	68	70	65	57	70	74	70	73	69	65	73	78	79	82	70	71	71	70	66	65	....	....	....	70.0
	Minimum	54	38	29	29	34	51	59	59	40	36	33	25	32	51	48	47	47	29	40	41	58	58	53	40	41	37	35	33	....	....	....	42.9
Jonesboro	Maximum	57	54	46	61	71	67	69	70	59	63	49	52	61	54	57	61	59	58	59	74	74	65	56	54	61	55	38	45	....	....	....	58.9
	Minimum	45	31	28	30	34	47	54	57	44	39	26	24	33	34	35	35	32	27	38	36	54	55	45	42	44	52	24	26	....	....	....	37.4
Junction	Maximum	58	52	56	66	71	74	78	72	60	50	54	58	65	74	67	72	64	63	67	77	82	72	64	70	73	64	52	57	....	....	....	65.4
	Minimum	43	38	30	28	45	50	58	60	43	35	29	21	34	48	44	50	46	27	37	46	49	50	41	42	38	33	34	32	....	....	....	40.5
Lambrook §§	Maximum	65	45	47	52	60	74	79	65	65	63	45	54	66	60	60	67	46	57	65	73	76	74	59	63	65	53	45	61	....	....	....	60.5
	Minimum	45	35	32	28	32	41	54	55	43	42	32	18	21	40	45	40	31	24	26	40	45	56	54	39	42	39	30	30	....	....	....	37.8
Little Rock	Maximum	59	50	48	63	73	70	71	66	60	62	45	54	62	60	58	64	54	59	62	71	76	66	54	64	66	52	39	44	....	....	....	59.7
	Minimum	50	30	29	33	41	50	59	50	39	38	31	27	37	41	39	43	35	35	41	46	58	51	46	42	50	37	23	28	....	....	....	40.3
Lutherville	Maximum	57	56	51	64	70	65	67	65	58	54	53	56	58	52	60	61	56	56	61	67	75	68	57	65	63	58	40	32	....	....	....	58.8
	Minimum	51	25	20	30	39	47	50	56	32	35	27	21	34	30	30	40	29	31	36	41	54	53	43	35	46	30	22	25	....	....	....	36.1
Magnolia	Maximum	61	62	56	70	72	74	76	70	67	65	50	58	69	70	64	73	68	72	71	73	81	79	54	71	69	65	71	51	....	....	....	67.2
	Minimum	45	26	29	32	45	53	56	56	36	48	30	25	39	44	42	49	32	44	43	48	54	54	50	40	55	41	30	30	....	....	....	42.0
Malvern	Maximum	63	62	54	66	74	72	74	71	63	63	49	56	65	64	62	69	62	62	65	70	80	75	59	70	69	65	54	43	....	....	....	64.3
	Minimum	55	33	32	28	33	46	58	58	35	36	31	22	30	37	35	39	39	26	35	36	57	53	48	37	46	37	24	25	....	....	....	38.2
Mammoth Spg. §§	Maximum	58	31	46	62	69	66	63	63	55	57	38	52	55	48	56	61	48	55	62	71	76	60	50	56	59	41	37	39	....	....	....	54.8
	Minimum	33	25	22	23	23	30	36	37	39	41	23	17	17	27	26	27	29	20	20	28	33	50	49	39	39	27	14	20	....	....	....	29.1
Marianna	Maximum	60	60	44	53	70	71	73	74	75	65	49	51	65	67	67	67	63	59	67	73	75	74	75	63	64	60	48	54	....	....	....	63.8
	Minimum	35	33	29	29	37	39	54	42	41	39	31	24	32	43	41	40	36	27	48	41	55	53	52	43	50	38	26	29	....	....	....	38.8
Marked Tree §§	Maximum	35	45	57	71	68	70	72	60	65	42	50	50	58	59	63	50	68	64	72	70	00	56	53	60	46	35	48	52	....	....	....	57.1
	Minimum	33	29	29	31	32	50	57	45	40	28	24	25	35	38	35	34	25	27	35	38	55	51	41	43	34	23	23	30	....	....	....	35.4
Marshall	Maximum	60	59	57	69	74	70	64	65	61	60	40	55	59	54	60	63	62	64	63	71	76	68	56	63	61	59	45	39	....	....	....	60.6
	Minimum	49	23	23	31	48	52	54	54	38	37	25	21	38	26	26	44	30	30	30	40	55	55	43	31	46	28	20	25	....	....	....	36.5
Mena	Maximum	62	48	62	62	72	62	70	64	61	53	43	56	62	62	62	69	58	61	66	66	78	70	60	67	65	61	49	40	....	....	....	61.1
	Minimum	35	26	22	31	44	51	50	45	31	43	27	25	35	32	30	40	31	29	40	48	57	56	52	39	37	36	29	27	....	....	....	37.6
Morrilton	Maximum	66	62	61	65	71	73	72	75	72	72	59	57	61	62	62	67	66	59	64	72	77	74	69	60	65	56	....	....	....	....	....	66.1
	Minimum	52	39	35	34	32	47	50	57	49	37	25	25	24	37	36	39	39	30	31	37	54	56	49	39	40	35	....	....	....	....	....	39.5
Mt Home	Maximum	60	55	55	69	....	77	63	65	60	61	42	52	....	....	....	60	59	54	57	63	71	72	60	58	65	64	49	40	35	....	....	58.6
	Minimum	46	22	13	26	....	34	45	52	38	33	23	18	....	....	....	25	34	28	23	27	32	47	53	40	30	40	24	16	21	....	....	31.6
Mt. Ida	Maximum	64	61	60	79	72	68	73	69	65	60	49	57	63	67	63	73	63	63	64	68	80	71	62	69	68	61	50	39	....	....	....	64.3
	Minimum	56	27	18	26	30	54	59	57	28	35	27	17	37	28	26	32	35	21	29	29	55	54	47	32	43	30	26	26	....	....	....	35.1
Newport	Maximum	58	57	46	50	75	67	69	70	63	66	49	55	64	57	62	65	63	58	62	75	77	72	59	59	66	59	43	47	....	....	....	61.2
	Minimum	54	30	27	30	31	41	48	50	39	40	28	19	33	35	34	55	34	25	34	34	56	55	49	42	48	33	23	24	....	....	....	36.8
Osceola	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	Maximum	61	59	51	66	73	71	69	66	69	56	46	58	61	53	61	62	55	57	64	69	79	64	61	70	67	54	50	49	....	....	....	61.5
	Minimum	49	25	22	28	35	45	44	41	33	37	28	22	34	31	21	30	30	32	30	39	54	40	45	38	49	31	28	26	....	....	....	34.5
Pine Bluff	Maximum	69	60	53	67	75	73	75	70	64	68	48	64	66	69	63	70	64	60	67	73	80	71	62	63	69	59	49	56	....	....	....	64.9
	Minimum	50	32	30	29	42	50	57	58	34	41	32	24	36	42	43	43	37	30	38	40	57	55	52	53	48	39	26	26	....	....	....	40.9
Pocahontas	Maximum	60	54	46	60	68	63	64	69	67	62	50	50	58	55	59	62	57	51	63	70	76	70	55	52	60	59	42	43	....	....	....	58.8
	Minimum	43	29	27	26	32	40	48	58	44	39	25	19	30	30	33	33	22	37	29	32	54	55	45	41	40	29	20	22	....	....	....	35.1
Portland	Maximum	71	66	47	60	70	78	79	73	65	71	59	51	66	76	68	68	59	61	70	72	75	79	64	66	68	65	55	58	....	....	....	66.4
	Minimum	47	35	30	29	30	47	55	59	44	40	32	26	35	52	50	46	41	30	41	45	55	59	53	40	50	43	34	36	....	....	....	42.3
Prescott	Maximum	61	38	47	61	61	64	67	66	64	55	45	54	68	64	60	64	....	....	....	66	76	76	55	65	66	67	59	39	....	....	....	66.3
	Minimum	58	27	26	29	39	47	49	41	36	40	28	24	36	37	42	40	....	....	....	55	57	55	46	40	50	40	26	26	....	....	....	39.8
Rison	Maximum	60	60	54	56	74	73	74	72	65	65	47	57	66	70	71	73	65	63	69	73	79	75	60	68	68	64	53	56	....	....	....	65.4
	Minimum	50	34	31	43	45	51	58	59	38	41	30	23	36	41	42	45	37	29	48	45	55	55	50	37	48	39	26	27	....	....	....	41.5
Rogers	Maximum	56	50	57	68	76	71	71	63	60	54	40	55	55	52	62	63	53	57	66	67	75	68	60	68	63	51	40	46	....	....	....	59.5
	Minimum	50	18	18	27	32	40	41	45	36	30	23	19	32	28	24	34	26	25	29	33	52	55	37	30	45	24	17	25	....	....	....	32.0
Searcy	Maximum	62	56	47	62	70	67	69	68	69	68	64	50	59	61	59	58	66	55	61	69	72	75	75	57	61	63	50	42	....	....	....	62.0
	Minimum	40	35	30	28	28	40	40	55	40	41	25	25	30	35	40	40	40	30	35	35	40	50	52	40	45	35	30	28	....	....	....	36.1
Stuttgart	Maximum	57	48	43	59	71	71	74	70	62	65	53	53	63	65	58	69	64	61	64	72	77	72	57	63	65	58	48	51	....	....	....	61.9
	Minimum	49	32	29	30	40	47	56	52	39	43	31	25	33	41	41	41	35	30	38	46	57	55	51	39	49	36	25	24	....	....	....	39.8
Subiaco	Maximum	63	58	53	71	80	71	74	68	63	55	47	61	63	54	63	64	58	63	65	71	80	71	61	72	67	69	48	35	....	....	....	63.1
	Minimum	50	28	22	29	38	46	17	50	36	35	21	25	33	33	35	40	30	31	35	38	51	55	44	37	48	33	27	27	....	....	....	36.6
Texarkana	Maximum	71	62	58	70	73	74	73	68	62	58	53	60	70	67	65	75	79	59	73	71	83	75	65	71	72	69	56	41	....	....	....	66.9
	Minimum	52	30	24	32	43	51	55	50	33	29	27	24	34	37	34	45	35	33	40	41	55	53	46	38	50	40	28	26	....	....	....	38.8
Warren	Maximum	62	61	49	65	72	72	75	73	64	66	52	55	67	73	68	70	68	60	70	72	73	65	61	68	68	65	58	56	....	....	....	65.3
	Minimum	56	34	51	29	36	50	58	58	41	39	31	26	37	55	46	46	39	30	39	42	43	40	45	39	47	58	30	30	....	....	....	41.0
Wynne	Maximum	58	56	46	56	66	70	70	70	60	64	50	51	62	58	66	65	62	58	65	72	70	74	68	57	63	59	45	48	....	....	....	64.8
	Minimum	40	33	29	29	39	48	55	57	11	14	30	22	34	39	40	41	35	27	38	42	50	51	50	43	49	35	25	27	....	....	....	39.0

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

UNAR

APR 30 1925

UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, Ark., MARCH, 1925 No. 3

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during March were the positive temperature and the negative precipitation departures. The month opened with temperatures below normal, the lowest for the month occurring in most sections on either the 2d or 3d. Temperatures were again below normal for a few days about the middle of the month while during the remainder, near or somewhat above. The average precipitation, 1.69 inches, is with but three exceptions the least for this section during the month of March and at numerous stations the monthly total was the lowest on record for March. Most of the precipitation fell from the 10th to the 18th and from the 26th to the 30th and was in the form of rain, there being only three stations reporting an appreciable amount of snow. The weather was very favorable for farm work during most of the month and much more land was prepared for planting than usual. Although too dry in a few localities, in most sections the dry weather did not interfere seriously with growing crops or land preparation. The close of the month found cotton planting in progress in most southern and central sections, and corn planting nearing completetion in those sections. From rather low stages at the beginning of the month, all rivers continued to fall throughout the month, the mean stages being unusually low for the season. Although this and the preceding month were abnormally warm, vegetation was not so far advanced at the close of the month as might be expected, due doubtless to the dry weather. Killing frost on the 15th did considerable damage to peaches and plums in northwestern counties. Lightning struck a farm house near Osceola on the 13th, destroying it. On the 18th near Bee Branch a barn, feed, and three head of stock were destroyed by lightning.

W. C. H.

TEMPERATURE

The mean temperature for the month of March, as determined from the records of 51 stations, was 55.9° which is 3.3° above normal, 3 stations north of the Arkansas River and 4 south, showing negative departures, one normal, all others positive. Monthly means ranged from 50.1° at Dutton to 62.4° at El Dorado. The highest temperature recorded during the month was 89° at Batesville on the 25th and at Newport the 26th and 27th. The lowest was 7° at Eureka Springs on the 2d. The greatest daily range was 54° at Corning on the 16th.

PRECIPITATION

The average precipitation, as determined from the records of 76 stations, was 1.69 inches which is 3.01 inches below normal, all stations except Portland showing negative departures. Monthly totals ranged from 0.04 inch at Morrillton to 5.68 inches at Portland. The greatest amount measured in 24 consecutive hours was 2.50 inches at Arkansas City on the 17th. An appreciable amount of snow fell at Bentonville, Eureka Springs, and Rogers, averaging 0.3 inch. The average number of rainy days was 4

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 8th, 1; 9th, 1; 10th, 18; 11th, 15; 12th, 10; 13th, 29; 14th, 11; 15th, 3; 16th, 3; 17th, 9; 18th, 15; 19th, 1; 24th, 1; 25th, 5; 26th, 21; 27th, 2; 29th, 3; 30th, 2; 31st, 7.

Dense fog:- 13th, 1; 17th, 1; 19th, 2.

Solar Halos:- 23d, 1; 24th, 1; 26th, 1.

Light Smoke:- 6th to 13th; 20th to 31st most sections of State.

Sleet:- 1st, 2; 28th, 1.

Moderate Hail:- 10th, Waldron, slight damage.

Heavy Hail:- 10th, Bloomer, moderate damage.

High Winds:- 18th, most sections, slight damage.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level)					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville..	30.08	30.52	13	29.62	18	5,804	30	s.	13	.....	.....	85
Fort Smith...	30.07	30.53	15	29.62	18	7,239	43	sw.	18	71	50	76
Little Rock	30.11	30.56	15	29.71	26	7,256	40	w.	18	69	48	73
Memphis....	30.13	30.60	15	29.72	18	6,574	43	sw.	18	70	47	72

COMPARATIVE DATA FOR MARCH

Year	Temperature				Precipitation		Number of days			
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Clear	Partly cloudy	Cloudy	Precip.01 or more
Means and Extremes	**52 6**		**96**	**1**	**4.70**		**12**	**8**	**11**	**8**
1891.....	46.7	−5.9	82	10	5.10	+0.40	11	9	11	10
1892.....	47.9	−4.7	90	9	3.44	−1.26	14	8	9	7
1893.....	50.1	−2.5	82	5	3.55	−1.15	16	6	9	8
1894.....	54.6	+2.0	88	8	9.84	+5.14	14	7	10	9
1895.....	51.8	−0.8	91	10	5.39	+0.69	13	7	11	11
1896.....	48.7	−3.9	85	12	5.28	+0.58	10	7	14	8
1897.....	55.9	+3.3	88	13	9.76	+5.06	10	7	14	15
1898.....	54.5	+1.9	88	18	5.96	+1.26	10	9	12	9
1899.....	50.6	−2.0	87	1	2.97	−1.73	12	9	10	7
1900.....	51.2	−1.4	90	7	2.50	−2.20	15	7	9	7
1901.....	51.5	−1.1	86	4	4.67	−0.03	14	8	9	6
1902.....	52.6	0.0	89	14	5.34	+0.64	12	10	9	7
1903.....	54.8	+2.2	85	11	5.56	+0.86	10	9	12	8
1904.....	55.3	+2.7	90	12	5.64	+0.94	11	11	9	8
1905.....	57.1	+4.5	92	26	5.31	+0.61	10	10	11	9
1906.....	45.2	−7.4	88	10	5.69	+0.99	8	6	17	11
1907.....	61.9	+9.3	96	25	3.22	−1.48	14	8	9	6
1908.....	59.5	+6.9	93	21	3.79	−0.91	11	9	11	8
1909.....	52.7	+0.1	84	16	3.71	−0.99	13	8	10	8
1910.....	60.7	+8.1	92	23	1.39	−3.31	20	7	4	3
1911.....	56.6	+4.0	94	15	2.17	−2.53	16	9	6	6
1912.....	45.8	−6.8	86	10	7.86	+3.16	7	7	17	12
1913.....	49.7	−2.9	88	8	4.74	+0.04	14	9	8	7
1914.....	50.0	−2.6	86	4	5.13	+0.43	12	8	11	9
1915.....	42.5	−10.1	73	14	3.54	−1.16	9	7	15	7
1916.....	54.5	+1.9	91	11	1.93	−2.77	16	6	9	5
1917.....	53.0	+0.4	87	9	5.32	+0.62	14	5	12	11
1918.....	57.9	+5.3	96	16	1.31	−3.39	11	8	12	4
1919.....	53.2	+0.6	86	11	5.47	+0.77	17	5	9	6
1920.....	51.8	−0.8	88	2	5.31	+0.61	11	8	11	8
1921.....	60.8	+8.2	92	18	6.55	+1.85	11	8	12	9
1922.....	51.7	−0.9	83	7	8.58	+3.88	12	6	13	11
1923.....	49.6	−3.0	88	2	5.04	+0.34	15	5	11	8
1924.....	46.6	−6.0	84	5	3.27	−1.43	13	6	12	8
1925.....	55.9	+3.3	89	7	1.69	−3.01	18	6	7	4

*Based on 30 years record.

Climatological Data for March, 1925

Stations	Counties	Elevation, feet	Temperature (Degrees Fahrenheit)								Precipitation, inches				Number of days				Prevailing direction of wind	Observers
			Length of record, years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. C Thrash.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	0.72	−4.38	0.50	0	4	13	8	15	n.	F. J. Carpenter.
Arkansas City	Desha	140	40	.....	.....	.....	.....	.....	.....	.....	4.10	−1.32	2.50	0	4	17	4	10	n.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	2.20	.....	1.10	0	4	16	10	5	ne.	L. D. Reeves.
Batesville	Independence	277	25	52.0	− 0.2	89	25	16	3	59	2.92	−1.20	1.34	0	7	19	1	11	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	52.3	− 0.3	82	25†	14	2	43	3.24	−1.94	1.62	0	4	18	3	10	w.	J. E. Scanlan.
Bentonville	Benton	1303	19	52.4	+ 5.1	83	26	10	2	35	0.34	−3.48	0.12	0.6	3	26	4	1	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.32	−0.90	0.99	0	8	21	0	10	.....	Vernon C. Howe.
Brinkley	Monroe	205	37	58.4	+ 6.0	87	18	24	3	44	1.49	−4.48	1.46	0	2	20	4	7	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	50.3	+ 2.4	86	8†	15	2†	50	1.33	−2.24	0.57	0	6	15	10	6	s.	W. J. Copp.
Camden	Ouachita	158	39	55.7	− 0.3	84	25	24	3	43	1.64	−3.53	0.53	0	5	16	7	8	w.	A. B. Quarterman
Center Point	Howard	470	25	58.1	+ 1.1	83	26	25	2	35	0.78	−4.29	0.51	0	4	19	5	7	w.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	0.81	−4.48	0.57	0	6	9	10	12	ne.	L. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	2.82	.....	1.55	0	5	21	5	5	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	41	55.9	+ 2.1	85	26	22	2†	40	0.80	−3.89	0.76	0	2	21	6	4	s.	E. E. Cordrey.
Corning	Clay	293	31	56.2	+ 5.0	84	9	16	2	54	2.48	−2.22	0.71	0	3	26	0	5	sw.	Winfred D. Folk.
Dam No. 1‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	1.95	.....	1.75	0	2	22	5	4	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	0.71	−3.59	0.38	0	2	20	0	11	w.	C. P. Evans.
Dardanelle	Yell	330	38	.....	.....	.....	.....	26	3	.....	2.89	−1.57	1.77	0	3	23	0	8	w.	J. D. Riley.
Dumas	Desha	162	18	56.6	− 0.8	85	26	23	3	38	2.88	−2.97	1.53	0	4	16	18	2	n.	Ben Johnson.
Dutton	Madison	1590	21	50.1	+ 2.0	79	8†	10	2	43	1.30	−3.10	0.81	0	3	17	10	4	s.	J. M. Ricketts.
El Dorado	Union	270	23	62.4[d]	+ 6.0	85[d]	25	33[d]	15	37[d]	3.96	−0.48	1.90	0	4	12[d]	9[d]	6[d]	se.	J. J. Babb.
England	Lonoke	229	17	56.3[a]	+ 1.1	85[a]	26	25[a]	2†	41[a]	0.77	−4.52	0.57	0	3	17[a]	7[a]	6[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	55.0	+ 4.0	84	8	7	2	39	0.50	−3.42	0.25	0.2	4	16	14	1	se.	Geo. W. Nicholds.
Evening Shade	Sharp	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	53.4	+ 3.5	82	8	9	2	43	2.26	−3.82	0.26	0	1	24	3	4	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	56.2	+ 3.6	85	26	19	2	34	0.85	−2.77	0.53	0	5	15	10	6	e.	U. S. Weather Bureau
Freeman Springs	Polk	2240	1	.....	.....	.....	.....	.....	.....	.....	1.40	.....	0.80	0	4	22	4	5	s.	J. R. McCuston.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	1.41	−3.16	0.70	0	3	21	2	8	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	0.85	−4.88	0.60	0	3	19	3	9	s.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	0.99	.....	0.39	0	6	14	9	8	.....	Ben F. Battenfield.
Grannis	Polk	900	6	55.4	.....	83	26	20	2	40	1.13	.....	0.55	0	5	14	10	7	c.	W. E. McVay.
Gravette	Benton	1250	27	53.1	+ 9.3	84	8	10	2	42	0.63	−3.07	0.34	0	2	17	12	2	sw.	A. F. Stevens.
Harrison	Boone	1452	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	52	56.6	+ 2.8	85	8†	24	3	46	2.72	−3.46	2.14	0	4	16	2	13	n.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	3.71	.....	2.80	0	6	20	8	3	sw.	J. A. Ingram.
Hope	Hempstead	377	53	52.0[a]	− 0.8	88[a]	26	28[a]	3	38[a]	1.59	−3.71	0.97	0	6	22[a]	3[a]	5[a]	s.	N. P. O'Neal.
Hot Springs	Garland	600	33	56.0	+ 1.7	84	26	24	2†	37	0.18	−5.10	0.11	0	5	20	3	8	.....	P. P. Patraw.
Huttig	Union	175	17	60.7[a]	+ 2.3	85[a]	10†	24[a]	3	44[a]	3.85	−1.82	1.50	0	4	22	6	3	se.	J. L. Collett.
Jonesboro	Craighead	345	29	56.2	+ 3.4	84	8†	21	2	38	3.25	−1.66	1.00	0	6	21	5	5	sw.	Benedictine Sisters.
Junction ‡‡	Union	182	30	61.4	+ 4.2	88	21	23	3	49	3.28	−2.11	2.07	0	3	2[a]	1	5	n.	J. A. Lowderback.
Lambrook	Phillips	155	2	55.4	.....	84	14	24	3	40	2.60	.....	1.90	0	2	19	5	7	.....	G. A. Newton.
Little Rock	Pulaski	399	45	56.8	+ 3.8	83	26	23	2	32	0.52	−4.42	0.52	0	1	14	9	8	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	776	27	54.4	+ 2.0	82	26	17	2	31	2.28	−1.49	1.62	0	5	17	6	8	n.	H. G. Leuhar lt.
Magnolia	Columbia	315	6	59.0	.....	85	25	29	3	34	1.85	.....	1.56	0	2	17	6	8	s.	State Agri. School.
Malvern	Hot Springs	277	37	56.4	+ 2.3	85	25†	22	3	43	0.49	−4.76	0.30	0	4	21	3	7	nc.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	50.2	− 0.5	84	8	13	2†	51	1.43	−3.25	0.43	T.	7	15	9	7	s.	F. M. Daniel.
Marianna	Lee	235	16	57.6	+ 2.8	83	26	24	3	39	1.26	−4.42	1.18	0	2	7	19	5	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	54.0	.....	84	7	23	2	44	1.98	−3.03	0.62	0	7	17	7	7	nc.	Charles Walton.
Marshall	Searcy	1070	10	55.3	+ 1.7	84	8	14	2	43	0.87	−3.38	0.50	0	3	25	0	6	s.	A. J. Park.
Mena	Polk	1185	38	56.4	+ 3.8	83	25†	20	2	43	1.05	−3.92	0.39	0	5	17	10	4	sw.	E. W. St. John.
Morrilton	Conway	347	3	.....	.....	.....	.....	.....	.....	.....	0.04	.....	0.03	0	2	17[a]	4[a]	9[a]	s.	Henry Harlee.
Mountain Home	Baxter	800	11	53.2[a]	+ 2.6	87[a]	8	12[a]	2	45[a]	1.36	−3.15	1.00	0	3	20[a]	1[a]	9[a]	w.	B. S. Halbert.
Mount Ida	Montgomery	650	25	52.4[b]	− 0.8	80	7	17	3	45[a]	0.13	−4.68	0.13	0	1	19	6	6	sw.	G. A. Whittington.
Murfreesboro	Pike	357	8	.....	.....	.....	.....	.....	.....	.....	0.96	−3.99	0.50	0	3	13[a]	14[a]	3[a]	.....	Henry A. Davis.
Nail	Newton	2233	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	Jackson	231	40	57.2	+ 4.6	89	26†	22	2†	42	1.80	−3.09	1.30	0	4	20	5	6	n.	W. S. Foushee.
Osceola	Mississippi	240	26	56.3	+ 1.5	83	8	22	3	40	2.50	−2.92	1.52	0	4	20	4	7	s.	Jnne Thomason.
Ozark	Franklin	450	28	55.4[a]	+ 2.0	86[a]	6	17[a]	2	48[a]	0.53	−3.62	0.30	T.	5	24	1	6	e.	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	1.16	−5.45	0.57	0	4	20	0	11	s.	W. E. Baker.
Piggott	Clay	307	1	.....	.....	.....	.....	.....	.....	.....	2.65	.....	1.02	0	7	19	7	5	s	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	1.36	.....	1.00	0	5	19	4	8	sw.	W. W. Wood
Pine Bluff	Jefferson	215	37	58.3	+ 3.5	86	26	27	2	40	0.91	−4.60	0.50	0	4	19	5	7	nw.	Miss Theresa Schey.
Pocahontas	Randolph	300	30	54.2	+ 2.6	82	8	17	2	41	2.50	−2.15	0.80	0	8	14	9	8	s.	Benedictine Sisters.
Portland	Ashley	122	18	59.6	+ 0.8	88	6	25	3	47	5.68	+0.42	2.36	0	4	19	6	6	n.	W. E. Edmiston.
Prescott	Nevada	329	36	55.9	0.0	81	24†	24	3	36	1.54	−3.07	0.86	0	5	21	2	8	sw.	C. D. Calhoun.
Princeton ‡‡	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	1.92	−3.20	1.20	0	2	25	0	6	sw.	Toote Coleman.
Rison	Cleveland	243	23	57.5	+ 2.5	84	25	24	3	38	2.11	−3.20	1.38	0	2	19	8	4	sw.	Mrs. M. V Tisdale.
Rogers	Benton	1385	34	53.9	+ 4.5	83	8	9	2	42	0.28	−3.31	0.19	0.2	2	17	11	3	s.	Carl A. Starck.
Searcy	White	236	11	56.4	+ 3.4	83	25†	32	15†	45	0.20	−5.27	0.10	0	3	18	7	6	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	2.49	−2.30	1.15	0	5	20	0	11	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	0.15	.....	0.13	0	2	23	2	6	s.	S. C. Story.
Stuttgart	Arkansas	228	37	56.2	+ 2.2	82	24†	25	3	36	0.80	−4.97	0.55	0	3	19	9	3	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	57.1	+ 3.5	88	8	19	2	40	2.73	−0.08	1.98	0	4	14	8	9	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	57.4	+ 0.6	85	25	26	3	42	1.87	−2.32	0.92	0	4	14	10	7	n	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	1.47	.....	0.43	0	8	17	2	12	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	59.1	+ 3.0	86	25	25	3	38	2.55	−3.03	1.10	0	3	23	4	4	s.	W. L. Sibole.
Watson	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	0.81	.....	0.30	0	3	16	7	8	sw.	J. R. Huddleston.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	0.85	−3.34	0.85	0	1	17	6	8	sw.	Nannie O. Schirmer.
Wynne	Cross	256	18	56.0	+ 4.4	82	9†	24	3	36	1.39	−3.61	0.85	0	6	17	5	9	n.	F. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	3.09	.....	1.87	0	4	17	3	11	.....	W. E. Barton.
State Means and Extremes				55.9	+ 3.3	89	25†	7	2	54	1.69	−3.01	2.50	0.3	4	18	6	7	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters '[a]', '[b]', appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily Precipitation for March, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Arkadelphia	Ouachita														.50		.20	.01											.01				0.72
Arkansas City ‖	Mississippi	T.													1.48		.10	2.50	T.	.02							T.						4.10
Ariberg	White										1.10				.35				.50							.25							2.20
Batesville ‖	White										1.34		.06	.28					.90	.08						.12	.14						2.92
Bee Branch	Arkansas									T.	1.50	T.	T.	.09					1.62							.08							3.24
Bentonville ***	Arkansas	.12									T.			.10					T.							.12		T.					0.34
Black Rock ‖	White					T.				T.	.59	.02	.10	.53					.99	.06						.90	.13						3.32
Booneville	Arkansas																																
Brinkley	White	.03													1.46																		1.49
Calico Rock ‖	White	.03									T.	.51	.12	T.	.28				.09							.30							1.33
Camden ‖	Ouachita														.51		.37	.53											.15	.08		1.64
Center Point	Red	T										T.	T.	T.			.03	T										.04	.51		.20	0.78
Clarendon ‖	White	.02											.12		.57		.06	.02									.02						0.81
Clinton	White										.12	1.53	.05	.08					1.02														2.82
Conway	Arkansas										.76				.04																		0.80
Corning	White											.57		.64						.71					.56								2.48
Dam No. 1 ‖	White													.20				1.75															1.95
Danville	Arkansas											.38			.33				T.										T.				0.71
Dardanelle ‖	Arkansas										1.77				.32				.80														2.89
Dumas	Arkansas													T.	1.25		1.53	.05											.05				2.88
Dutton	White										.45	.04	T.	.81													T.						1.30
El Dorado ‖	Ouachita														1.80		1.93												.11	.15			3.96
England	Arkansas											.11			.57		.09										.25							0.77
Eureka Springs	White		.05									.10		.10																			0.50
Evening Shade	White																																
Fayetteville	White																	T.									.26						0.26
Fort Smith ***	Arkansas								.03	.04	T.			.07														T	.53		.18	0.85
Freeman Springs	Arkansas	.07										.35	T.	.80					.18								T.						1.40
Felton	Red														.70		.16													T.	.55		1.41
Georgetown	White	.10													.60		T.										T.	.15					0.85
Gilbert	White	.10										.39	.12	.05	.22				T.								.11			T.			0.99
Grannis	Red																.02	.01											.11	.55		.44	1.13
Gravette	Arkansas		T.						T.		T.	T.	.29														.34		T.	T.			0.63
Harrison	White																																
Helena	Mississippi	.01													2.14		.02	.52															2.72
Higden	White										2.00	.05	.15	.22			T.	1.21								.08							3.71
Hope	Red												.97				.19									T.		.04	.37	.01	.01	1.59
Hot Springs	Ouachita	.01												.02			.02	T.	T.									.02	.11				0.18
Hutting	Ouachita														1.45		1.50	.70											20				3.85
Jonesboro	White	.06										1.00	T.		.42		T.		.97							.54	.26						3.25
Junction	Ouachita													.87			2.07											T.	.34				3.28
Lambrook	White													1.90			.70																2.60
Little Rock ***	Arkansas	T.										T		.52			T	T.									T.		T.				0.52
Leitherville	Arkansas								.03	1.62	.05			.55					.03															2.28
Magnolia	Red															1.50													.35				1.85
Malvern	Ouachita														.30		.05	.04											.10				0.49
Mammoth Spg.	White	.12	T.							.20		.30			.43	.03			.10							.25							1.43
Marianna	Mississippi														1.18		.08																1.26
Marked Tree	Mississippi	.11											.05		.47			.01	.52	T.							.62	.20						1.98
Marshall	White										T.	.16			.50												21							0.87
Mena	Ouachita											T.			.39			T.	.01											.30	.30	.05		1.05
Morrilton	Arkansas										.03							.01																0.04
Mountain Home	White										.18			1.00													.18							1.36
Mount Ida	Ouachita																												.13					0.13
Murfreesboro	Ouachita								.31																					.15	.50			0.96
Newport	White											.30	.10		.10				1.30															1.80
Osceola	Mississippi	.06			T.							T.	T.		.50	T.	T.		.40								1.52							2.50
Ozark	Arkansas	.02								.05	.13				.30														T.	.05				0.53
Patterson	White	.02													.5				.35									.15						1.16
Pocahontas	St. Francis				T.						.20	.10	T	.73			T.	.05	1.02							.05	.45							2.65
Pindall	White		.01								.01	.21		1.00													.15							1.36
Pine Bluff	Arkansas												T.		.50		.20	.10	T.	T.									.05	T.			0.91
Pocahontas	White	.04										.45		.05	.45				.80							.05	.60	.05						2.50
Portland	Ouachita														2.36		1.84	1.38											.10				5.68
Prescott	Ouachita													.80			.15	.04	T.								T.		T.	.42	.09			1.54
Princeton	Ouachita															1.20		.72												T.				1.92
Rison	Ouachita														1.38		.73																	2.11
Rogers	Arkansas		T.									T.		.09													.19							0.28
Searcy	White											.05			.05		T.		.10								T.							0.20
Springbank	Red														.10		.25	.80												.10	1.15	T.		2.49
Story	Ouachita													.02																.13				0.15
Stuttgart	Arkansas	.13													.55		.12																	0.80
Subiaco	Arkansas										1.95			.24					.50										T.	.01				2.73
Texarkana ‖	Red														.62		.15														.92	.18		1.87
Waldron	Arkansas								.03	.43	.13			.24					.22										.04	.18			.18	1.45
Warren	Ouachita														1.10	1.10	.35													T.				2.55
Whitecliffs	Red																														.85			0.85
Waters	Ouachita													.26																		.30		.25	0.81
Wynne	Mississippi	.09											T.		.85			.02	.02								.03	.38						1.39
Yancopin	Arkansas	.02													1.87		.56	.64	T.											T.				3.09

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** for 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

Daily River Stages for March, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.8	6.5	6.1	6.0	5.8	5.6	5.5	5.4	5.4	5.1	5.1	5.4	5.3	5.1	5.0	5.3	5.8	6.3	6.2	5.8	5.4	6.4	8.2	7.4	6.6	5.8	5.6	5.2	5.0	4.9	4.9
Dardanelle	do	26	5.0	4.7	4.1	3.8	3.8	3.5	3.4	3.1	2.9	2.8	5.0	4.6	4.5	3.2	3.2	3.1	3.0	4.4	3.5	3.2	3.1	3.0	3.0	2.8	4.1	4.1	4.0	3.3	2.9	2.7	2.5
Little Rock	do	23	4.2	3.5	3.0	2.1	2.0	1.5	1.0	1.0	1.0	0.4	0.4	0.9	2.1	2.0	1.8	1.7	1.4	1.1	1.2	2.6	2.4	2.0	1.6	1.0	0.8	2.2	2.4	1.4	1.0	0.6	0.5
Pine Bluff	do	25	9.4	8.6	7.8	7.2	6.8	6.4	6.2	5.9	5.6	5.5	5.2	4.9	5.4	6.4	6.4	6.1	6.1	5.7	5.4	5.7	6.5	6.6	6.4	6.1	5.6	5.2	6.3	6.5	6.6	5.4	4.9
Black Rock	Black	14	6.3	6.0	6.0	5.8	5.6	5.5	5.5	5.3	5.2	4.9	4.6	4.5	4.3	4.0	3.9	3.9	4.3	5.0	5.8	5.7	5.5	5.0	4.8	4.7	4.6	4.6	4.8	4.5	4.0	4.0	4.0
Gilbert	Buffalo	30	4.8	4.7	4.6	4.6	4.5	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.4	4.7	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9
Calico Rock	White	18	3.9	3.7	3.4	3.1	2.8	2.7	2.1	2.1	2.1	2.0	1.6	1.9	1.8	2.0	1.7	2.0	1.9	1.6	1.9	1.6	1.6	1.4	1.3	1.5	1.3	1.4	1.3	1.3	1.3	1.3	1.1
Batesville	do	23	9.8	9.5	9.3	9.0	8.6	8.4	8.2	7.8	7.7	7.6	8.0	7.4	7.3	7.4	7.2	6.9	7.3	7.7	7.3	7.5	6.9	7.0	6.6	6.6	6.5	6.5	6.4	6.2	6.4	6.3	6.3
Newport	do	20	9.0	8.6	8.0	7.5	7.0	6.5	6.3	5.9	5.4	5.2	5.0	5.0	4.9	4.7	4.6	4.5	4.4	4.9	5.9	5.8	5.6	5.2	4.8	4.5	4.3	4.0	4.0	4.0	4.0	3.9	3.7
Georgetown	do	22	14.4	13.8	13.2	12.8	12.0	11.4	10.6	9.8	9.4	8.6	7.6	7.4	8.0	8.0	7.6	7.2	7.0	6.8	7.8	9.4	9.6	9.2	8.4	7.8	7.2	6.8	6.4	6.0	5.8	5.8	5.6
Clarendon	do	30	22.1	22.4	22.5	22.0	22.5	22.3	22.0	21.6	21.1	20.6	20.1	19.5	18.9	18.7	18.5	18.1	17.7	17.2	16.7	16.5	16.7	16.9	16.8	16.5	16.2	15.8	15.4	15.2	14.9	14.8	14.7
Helena	Mississippi	42	34.2	34.6	35.1	35.1	35.0	34.5	33.6	32.1	31.0	29.4	27.7	26.3	24.8	23.6	22.4	21.4	21.0	21.3	21.8	22.6	23.5	24.6	25.8	27.4	28.7	29.8	30.6	31.1	31.5	31.7	31.8
Arkansas City	do	48	35.5	36.2	36.7	37.1	37.4	37.5	37.5	37.1	36.6	35.8	34.9	33.8	32.5	31.0	29.8	28.7	27.8	27.0	26.7	26.4	26.9	27.4	28.5	29.5	30.6	31.6	32.0	32.7	33.3	33.8	34.1
Camden	Ouachita	49	17.7	12.8	10.5	9.6	9.0	8.7	8.1	8.0	8.0	7.7	7.5	7.2	7.0	6.8	6.5	6.3	7.8	7.4	7.6	7.1	7.0	6.0	6.0	5.6	5.1	4.8	4.7	4.6	4.5	4.5	4.8
Danville	Petit Jean	20	8.0	7.4	7.0	6.5	5.1	3.4	3.2	3.0	3.0	2.8	3.9	5.8	14.6	14.2	13.1	11.0	9.8	5.1	4.8	6.2	5.3	5.1	4.8	4.5	4.5	3.9	3.9	3.9	3.8	3.8	3.7
Fulton	Red	28	10.6	9.4	8.7	8.1	7.7	7.3	7.0	7.0	6.9	6.7	6.6	6.6	6.4	6.4	6.3	6.2	6.1	6.0	6.0	6.0	6.0	5.9	5.8	6.7	6.6	6.5	6.4	6.3	6.2	6.2	6.0
Arkadelphia	Ouachita	18	3.2	2.2	2.8	2.6	2.0	2.4	2.3	2.3	1.0	2.3	1.8	0.9	0.8	1.1	0.8	0.0	0.4	1.1	0.3	0.4	0.6	0.4	0.0	-0.2	0.6	0.0	0.1	0.3	0.4	0.0	-0.1
Patterson	Cache	9	8.2	9.0	9.6	9.9	9.4	9.2	8.8	8.6	8.4	8.2	7.9	7.6	7.3	7.0	6.8	6.5	6.2	6.0	5.8	5.6	5.6	5.6	6.0	6.4	6.8	7.4	8.0	8.4	8.6	8.6	8.4

Daily Temperatures for March, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	56	36	52	59	63	76	80	82	76	77	49	62	77	46	50	49	66	75	65	71	77	73	80	79	89	81	62	65	71	68	71	67.2
	Minimum	26	20	16	26	25	26	45	47	54	59	49	34	34	41	27	28	35	42	46	33	33	40	39	39	43	58	42	31	31	33	35	36.7
Bee Branch	Maximum	54	50	53	57	62	76	77	81	75	77	65	58	75	68	51	50	56	72	66	71	74	76	77	78	82	82	79	64	68	67	71	68.1
	Minimum	30	14	17	29	26	33	41	44	49	55	39	30	45	30	19	27	40	48	38	34	36	40	42	42	47	54	38	31	39	38	35	36.5
Bentonville	Maximum	46	32	54	59	68	76	77	82	68	75	46	65	74	39	53	60	70	66	64	71	70	75	76	77	78	83	58	59	65	70	69	65.3
	Minimum	21	10	26	31	35	50	60	58	58	45	35	31	39	24	21	33	40	41	31	40	47	45	48	54	50	51	39	34	45	40	46	39.6
Brinkley	Maximum	57	55	57	61	66	76	80	83	79	78	75	64	77	78	72	50	61	87	69	73	79	79	83	83	83	83	79	67	73	68	75	72.6
	Minimum	37	26	24	35	32	41	56	56	57	62	43	39	55	46	28	34	46	59	42	38	45	45	48	46	56	60	46	35	49	41	39	44.1
Calico Rock§§	Maximum	50	34	53	59	63	76	80	86	78	81	47	63	72	44	53	51	68	76	66	73	74	76	79	82	86	81	62	66	72	69	72	67.5
	Minimum	26	15	15	23	26	26	33	41	43	45	41	23	26	32	19	23	36	45	44	32	33	38	38	40	42	50	39	31	33	33	35	33.1
Camden§§	Maximum	61	46	63	70	69	78	80	80	78	81	80	58	82	57	57	48	68	78	70	73	77	79	81	82	84	83	70	66	57	71	71	70.9
	Minimum	36	31	24	27	35	39	40	42	47	49	59	46	46	41	32	32	42	47	39	36	37	39	39	45	47	53	51	33	39	41	40	40.5
Center Point	Maximum	60	53	61	70	67	79	78	79	74	79	79	69	73	69	55	50	57	75	70	74	75	78	76	81	81	83	76	61	58	72	63	70.2
	Minimum	33	25	26	42	41	47	50	55	56	61	60	44	48	35	29	40	41	55	37	47	46	50	55	55	58	58	50	47	46	45	45	46.0
Conway	Maximum	55	53	59	61	65	77	80	82	78	80	65	59	76	70	54	50	55	77	69	75	79	80	79	81	81	85	79	65	68	70	71	70.3
	Minimum	36	22	22	31	31	37	49	48	55	61	47	36	51	40	26	35	45	54	40	36	41	42	43	45	50	63	47	33	44	39	38	41.5
Corning	Maximum	68	41	58	74	59	76	81	83	84	83	72	76	77	78	68	82	64	71	58	71	79	72	74	63	81	77	73	73	76	78	72	72.3
	Minimum	24	16	24	44	41	39	41	49	56	62	36	41	47	36	42	28	34	38	39	31	44	45	41	47	43	60	45	43	36	39	36	40.2
Dardanelle	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	29	28	26	32	37	38	42	44	45	46	39	42	40	38	34	36	39	44	42	41	42	47	45	46	47	50	42	34	36	35	40	39.5
Lumas	Maximum	54	47	55	63	64	77	80	80	79	81	78	56	81	74	52	50	60	78	64	72	75	76	80	82	81	85	73	65	65	66	69	69.7
	Minimum	39	30	28	40	34	39	45	50	52	58	51	45	50	45	30	36	43	55	42	40	41	42	46	46	54	55	50	34	57	40	38	43.5
Dutton	Maximum	50	43	54	59	62	75	75	79	71	75	58	63	62	58	50	54	66	65	64	69	71	72	75	76	79	79	65	59	61	72	68	65.5
	Minimum	27	10	18	23	25	40	49	44	54	50	41	24	49	27	15	29	37	42	29	30	36	32	38	41	46	51	37	23	44	29	35	34.7
El Dorado	Maximum	...	...	...	...	71	79	82	80	82	82	81	75	83	79	65	62	75	78	69	73	78	79	82	81	85	83	79	67	56	72	69	75.8
	Minimum	...	...	...	...	58	44	45	52	58	60	70	46	53	43	33	45	50	58	42	41	44	48	45	49	53	59	52	45	39	46	41	48.9
England	Maximum	55	46	58	65	65	78	82	82	80	79	73	57	81	77	52	48	60	82	68	75	78	80	....	84	76	85	79	67	69	70	72	70.8
	Minimum	36	25	25	36	33	39	48	51	54	58	46	40	49	42	30	35	45	58	40	38	41	42	....	45	35	59	46	32	49	38	38	41.8
Eureka Springs	Maximum	48	45	56	60	69	76	78	84	81	76	68	66	70	65	56	61	72	68	66	71	78	79	78	78	79	81	60	61	71	73	73	69.1
	Minimum	24	7	32	34	34	51	62	61	58	60	36	29	51	26	19	32	40	41	33	41	49	43	48	59	56	55	38	34	46	40	39	40.9
Evening Shade	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fayetteville	Maximum	45	45	52	64	63	77	76	82	78	75	56	62	70	68	48	58	70	68	63	69	72	77	74	75	79	76	66	58	60	74	68	66.7
	Minimum	25	9	22	30	29	49	49	62	62	41	38	32	50	25	20	35	40	42	32	37	48	44	44	55	56	57	38	32	46	49	45	40.1
Fort Smith	Maximum	50	40	61	65	69	80	80	83	73	76	61	57	71	46	52	61	71	68	68	75	77	78	79	80	84	85	64	60	59	71	64	68.0
	Minimum	34	19	27	36	40	48	60	56	61	57	44	39	44	33	29	40	41	45	38	44	50	48	52	55	55	57	47	41	46	46	49	44.5
Grannis	Maximum	56	53	61	62	67	78	79	75	76	77	77	65	70	58	53	48	56	69	69	61	72	75	76	78	81	83	75	75	56	70	61	68.1
	Minimum	31	20	21	37	36	58	47	49	53	56	55	42	47	31	25	36	44	49	37	36	42	49	68	48	51	52	44	39	41	38	41	42.7
Gravette	Maximum	48	47	55	61	68	77	77	84	77	77	66	67	74	68	55	60	71	66	65	72	72	77	79	79	79	81	63	59	66	71	69	68.6
	Minimum	24	10	22	22	28	52	54	60	58	58	38	26	51	26	16	28	55	42	25	35	35	38	40	54	40	52	26	26	46	35	45	37.6
Helena	Maximum	61	44	55	67	66	78	79	85	83	82	76	62	84	54	55	48	64	82	68	73	82	82	85	85	84	85	6.	71	77	72	78	72.1
	Minimum	35	29	24	25	34	32	37	44	51	54	59	43	44	52	32	33	40	42	47	39	40	40	46	45	46	53	52	38	36	42	42	41.2
Hope	Maximum	58	51	63	69	70	78	80	81	78	79	77	87	50	50	57	49	58	77	69	74	78	79	82	84	88	83	....	75	60	65	73	70.7
	Minimum	36	29	28	38	38	45	46	55	50	61	54	50	40	38	32	41	43	46	39	39	43	43	44	48	52	61	....	38	48	42	44	43.7
Hot Springs	Maximum	57	55	59	67	66	78	78	75	75	76	76	54	75	70	54	49	53	76	69	72	77	78	77	80	83	84	76	64	58	70	68	69.3
	Minimum	37	24	24	38	36	42	55	57	57	39	54	40	50	38	28	38	45	52	38	39	41	43	43	48	51	57	46	36	45	43	41	42.7
Huttig	Maximum	63	62	61	71	72	78	83	83	82	85	83	81	84	83	...	58	62	82	80	72	80	8'	80	81	84	85	85	69	64	70	72	75.8
	Minimum	32	32	24	47	37	35	39	45	48	57	59	48	54	47	....	35	45	59	44	38	40	40	76	48	51	55	55	37	49	48	43	45.6
Jonesboro	Maximum	52	46	51	56	60	76	80	84	79	79	70	59	80	73	61	49	62	77	63	72	75	71	80	83	84	80	78	66	71	64	67	69.3
	Minimum	37	21	22	34	32	38	53	56	56	62	39	34	51	37	31	31	45	54	46	41	46	46	47	46	58	58	46	37	49	41	40	43.1
Junction	Maximum	69	64	64	72	77	80	82	81	82	84	84	75	83	77	60	55	57	79	81	85	88	82	83	84	86	88	76	72	60	74	77	76.2
	Minimum	35	37	23	40	41	43	44	52	54	60	59	50	56	38	34	42	44	52	52	47	39	37	48	56	60	63	55	33	49	47	51	48.6
Lambrook §§	Maximum	61	58	39	55	64	67	77	80	82	81	80	81	60	84	51	50	50	65	80	66	76	8'	77	80	83	83	83	67	66	72	68	69.7
	Minimum	35	32	24	26	30	35	40	47	58	58	44	45	46	49	31	32	42	47	48	33	34	40	45	46	50	53	51	34	35	44	38	41.0
Little Rock	Maximum	53	43	58	61	63	76	78	78	76	76	66	55	76	65	50	49	58	78	66	72	77	77	78	80	82	83	65	62	66	67	69	67.8
	Minimum	37	23	25	40	40	45	53	55	58	62	45	38	53	38	29	39	44	50	4.	45	47	49	51	54	56	63	51	44	50	47	46	45.8
Lutherville	Maximum	50	46	56	59	62	79	77	81	73	77	60	57	70	63	48	50	58	67	64	71	72	75	75	78	80	82	74	59	61	69	67	66.5
	Minimum	32	17	22	35	36	42	55	52	53	56	44	34	50	33	24	37	44	49	38	43	45	46	53	50	54	61	44	36	45	43	42	42.4
Magnolia	Maximum	58	52	63	7.	71	79	80	80	7.	80	81	74	80	7.	58	53	63	76	69	72	74	7.	80	81	85	83	78	69	56	70	6.	71.9
	Minimum	36	31	29	39	43	4.	48	52	55	62	60	52	54	43	32	41	45	58	40	40	41	45	51	48	52	53	52	40	48	46	45	46.0
Malvern	Maximum	60	55	60	69	67	80	80	80	79	78	77	55	77	74	55	51	56	7.	72	75	7.	79	8.	82	85	85	76	65	61	72	69	71.3
	Minimum	35	28	22	34	35	36	40	46	50	61	53	42	49	40	29	39	46	54	36	35	35	39	40	44	54	54	49	32	44	41	41	41.4
Mammoth Spg. §§	Maximum	46	32	51	51	65	76	79	84	78	81	68	61	65	61	48	50	63	77	64	70	69	75	7.	82	83	78	60	64	76	63	70	66.5
	Minimum	21	13	13	25	24	25	39	43	45	52	42	27	30	34	23	26	30	40	41	32	34	44	38	38	48	51	42	29	34	34	35	33.9
Marianna	Maximum	55	54	53	61	64	77	81	81	82	79	74	60	81	79	52	51	62	80	69	71	77	80	81	80	82	83	79	66	73	73	72	71.4
	Minimum	31	30	24	37	33	38	45	52	51	60	44	41	54	43	34	35	46	57	48	40	44	46	45	48	54	61	51	37	42	43	41	43.7
Marked Tree §§	Maximum	33	51	58	61	74	80	84	78	77	55	65	78	47	48	48	65	78	63	71	76	77	80	82	8.	79	61	66	71	63	71	7.	67.6
	Minimum	24	23	24	29	30	42	47	51	58	52	36	36	46	32	31	35	47	47	38	42	48	45	47	49	57	49	34	37	41	40	37	40.5
Marshall	Maximum	48	48	54	56	61	76	76	84	80	79	76	62	72	69	51	53	63	73	71	71	75	75	74	79	83	80	77	63	68	77	71	69.3
	Minimum	33	14	23	29	29	50	58	51	57	57	46	28	52	32	22	35	35	52	52	35	45	4.	54	56	58	59	40	30	45	34	36	41.5
Mena	Maximum	58	46	59	67	68	76	73	79	79	77	74	67	69	55	69	50	65	66	66	72	76	76	79	79	83	83	67	57	61	72	57	68.5
	Minimum	34	20	24	35	37	48	51	53	52	60	67	40	46	30	26	38	48	53	37	49	46	42	42	53	55	62	46	46	44	40	45	44.2
Morrilton	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mt. Home	Maximum	50	43	56	60	67	79	81	87	78	81	....	62	70	61	50	53	68	75	66	73	7.	75	7.	81	82	81	64	62	6.	66	71	68.8
	Minimum	31	12	16	27	26	41	50	42	56	55	....	26	49	30	21	28	35	44	40	35	42	41	41	46	50	54	40	29	45	36	37	37.5
Mt. Ida	Maximum	51	51	62	68	70	76	80	78	79	....	74	55	70	6.	60	54	55	55	60	64	74	74	70	70	78	78	76	...	...	...	...	67.2
	Minimum	34	2.	17	27	28	38	56	48	57	57	51	39	47	35	2.	34	34	53	31	28	28	33	33	38	43	66	43	27	30	34	34	37.7
Newport	Maximum	56	51	56	62	65	80	82	86	82	81	73	62	79	75	53	51	62	79	70	75	79	7.	80	85	87	89	89	69	75	66	74	72.6
	Minimum	38	22	24	30	29	39	50	53	5.	62	42	34	49	39	30	29	45	53	46	37	43	46	44	45	53	59	47	33	49	40	40	41.9
Osceola	Maximum	51	49	48	55	52	81	81	83	80	77	72	63	79	78	48	48	64	78	62	70	75	76	80	80	82	78	79	65	72	62	79	69.2
	Minimum	42	23	29	32	3.	42	53	5.	55	61	40	39	54	40	31	32	46	54	44	41	48	47	46	52	57	58	47	34	41	41	39	43.4
Ozark	Maximum	53	48	59	65	68	86	83	85	79	78	64	60	75	5.	52	57	70	65	70	....	7.	79	80	82	84	85	74	61	61	71	69	69.9
	Minimum	35	17	26	30	3.	38	40	47	54	55	50	35	53	34	27	39	40	40	4.	..	37	41	45	46	50	58	40	35	48	40	48	40.8
Pine Bluff	Maximum	60	49	62	67	66	79	85	83	81	80	75	56	83	77	55	47	61	81	69	77	81	82	82	84	84	86	79	67	65	72	70	72.4
	Minimum	37	27	28	39	36	39	45	51	55	59	48	44	51	43	31	37	46	57	43	40	43	43	45	47	53	60	50	36	49	45	43	44.2
Pocahontas	Maximum	49	46	49	53	59	74	80	82	79	79	79	62	75	72	49	48	63	78	64	69	74	72	78	79	81	76	75	63	71	66	70	67.9
	Minimum	37	17	19	29	30	33	49	48	52	58	38	32	48	37	27	29	45	49	44	37	45	45	45	44	53	58	46	33	45	42	42	40.5
Portland	Maximum	59	56	60	68	66	88	81	80	82	82	85	79	84	74	52	50	66	80	73	69	75	7.	80	81	80	82	79	68	65	70	69	72.9
	Minimum	46	36	25	47	38	41	41	47	50	61	60	48	55	49	34	40	45	50	45	42	43	45	50	49	54	57	54	40	50	55	44	46.4
Prescott	Maximum	53	54	60	65	65	64	68	70	76	76	76	78	75	75	50	48	59	70	70	69	72	72	77	79	79	79	81	63	59	66	71	68.3
	Minimum	34	27	24	40	37	42	44	51	53	60	56	45	49	39	30	40	45	55	39	39	42	42	45	47	52	48	50	38	48	43	45	43.5
Rison	Maximum	58	56	59	67	67	78	82	79	79	79	79	55	82	79	54	48	61	79	67	74	78	78	81	80	81	82	78	67	64	70	69	71.4
	Minimum	37	28	24	37	36	42	49	51	54	59	51	43	50	41	29	37	44	57	40	40	42	42	49	48	48	58	47	37	48	42	41	43.6
Rogers	Maximum	46	43	56	61	68	78	79	83	75	78	65	66	72	6.	56	60	71	66	65	75	72	78	78	78	79	80	60	61	67	71	72	68.6
	Minimum	25	9	21	26	28	52	61	57	59	61	38	29	52	27	19	30	31	43	33	45	42	39	48	52	56	37	29	48	43	45	43	9.2
Searcy	Maximum	54	53	59	60	60	74	76	78	80	75	77	58	77	78	48	50	51	77	75	72	75	77	78	81	83	83	77	75	72	67	70	70.0
	Minimum	45	35	40	42	40	50	45	45	50	48	46	40	50	35	32	35	42	45	35	50	45	55	42	40	44	60	32	40	43	40	40	42.9
Stuttgart	Maximum	55	50	56	62	65	77	80	79	79	77	70	58	80	71	50	48	61	78	68	71	76	77	81	82	82	82	67	65	68	67	70	69.4
	Minimum	37	26	25	37	34	41	50	53	56	58	44	41	50	44	29	34	35	55	42	39	45	44	47	46	55	57	47	35	51	39	38	45.0
Subiaco	Maximum	54	48	64	64	69	81	81	88	77	8.	63	59	74	65	54	57	67	70	68	76	77	8.	79	82	85	86	76	63	61	72	69	70.6
	Minimum	34	19	24	34	36	41	54	53	59	60	59	37	51	35	27	39	36	5.	40	40	46	45	48	50	55	61	47	37	46	43	45	43.6
Texarkana	Maximum	59	49	61	71	71	81	79	81	79	79	79	72	77	65	60	50	65	71	70	74	78	82	74	84	85	84	75	66	55	74	64	71.4
	Minimum	32	28	26	36	38	45	48	56	53	59	59	45	50	36	29	38	44	56	36	37	40	40	44	52	50	57	47	40	40	42	43	43.4
Warren	Maximum	59	58	60	66	66	79	82	79	81	80	80	78	82	80	54	51	63	79	75	71	76	77	80	81	86	84	79	66	72	74	70	73.2
	Minimum	38	31	25	41	37	41	44	53	53	62	61	45	52	52	32	39	40	58	43	40	42	43	48	48	53	57	53	39	43	41	42	45.0
Wynne	Maximum	52	50	52	58	61	74	78	81	82	78	72	62	79	73	49	48	64	79	65	71	71	79	80	80	82	81	76	69	72	65	72	69.5
	Minimum	39	25	24	34	30	40	47	51	53	55	41	37	50	43	29	33	46	53	45	37	45	47	52	47	55	59	59	33	48	38	40	42.4

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

YAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

MAY 19 192

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist.

. XXX LITTLE ROCK, ARK., APRIL, 1925 No. 4

GENERAL SUMMARY

pril, 1925, was marked by unusually warm dry weather. mean temperature, 67.4°, is with but one exception the est April mean on record and the average precipitation, inches, is with but three exceptions the least. The month ed with temperatures near normal and daily means con- d above normal until the last three or four days of the th when a moderate cool wave overspread the State, bring- n most sections the lowest temperature of the month, 28° g recorded at Gravette. This cool weather damaged fruit in hwestern counties and hurt cotton throughout the State. h favorable temperatures and dry weather, farm work e excellent progress throughout the month. Cotton plant- progressed rapidly in all sections of the State and by the dle of the month good stands were reported in most south- and central localities. Corn planting was practically com- d and stands were good except in some eastern and south- rn counties where practically no rain occurred. All fields clean at the close of the month, some of the cotton and t of the corn having been worked, but in most southern southeastern counties the weather was too dry for oats, lows, and pastures and the strawberry crop was seriously aged. All rivers of the State were at low stages during the th, the Arkansas at Little Rock reaching 0.2 below zero, second April with a below zero reading at Little Rock since rds have been kept.

W. C. H.

TEMPERATURE

he mean temperature for the State, as determined from the rds of 72 stations was 67.4°, or 6.2° above the normal for il. All sections showed positive departures. The highest nthly means was 74.2° at El Dorado, the lowest, 61.8° at ton, making a range in mean temperature of 9.4°. Ex- es ranged from 98° at Helena and Marked Tree on the and later dates, to 28° at Gravette on the 30th. The av- e number of days with maximum temperature of 90° or ve was 3.

PRECIPITATION

he average precipitation, as determined from the records 5 stations, was 2.62 inches which is 2.16 inches below mal. Seven stations from Mena northward reported positive artures, all others negative. Monthly totals ranged from e at Portland to 7.15 inches at Eureka Springs. The great- amount measured in 24 consecutive hours was 2.87 inches Eureka Springs on the 25th. No snowfall occurred. The av- ge number of rainy days was 6.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 2d, 20; 3d, 29; 4th, 11; 7th, 1; 8th, 10; 9th, 15; 10th, 6; 12th, 3; 13th, 17; 14th, 15; 15th, 3; 16th, 12; 17th, 11; 18th, 5; 19th, 15; 20th, 4; 21st, 2; 22d, 1; 24th, 6; 25th, 16; 26th, 5; 27th, 21; 28th, 4.

Dense fog:- 26th, 2.

Solar Halos:- 1st, 1; 6th, 1; 25th, 1; 30th, 1.

Lunar Halos:- 1st, 1; 8th, 1.

Heavy Frost:- Rogers, 30th.

Killing Frost:- Freeman Springs, Gravette, 30th.

Moderate Hail:- Helena, 3d. Slight damage.

Heavy Hail:- Huttig, 3d. Moderate damage.

High Winds:- Most sections 27, 28, 29, 30th. Slight damage.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean.	Pressure (Sea-level) Highest	Pressure (Sea-level) Date	Pressure (Sea-level) Lowest	Pressure (Sea-level) Date	Wind Total movement miles	Wind Maximum velocity	Wind Direction	Wind Date	Relative humidity 7 a. m.	Relative humidity 7 p. m.	Percentage of sunshine
Bentonville..	29.95	30.21	29	29.48	18	2,551	17	nw.	29	.....	.....	67
Fort Smith...	29.93	30.25	29	29.52	18	6,879	43	w.	24	76	52	68
Little Rock	29.96	30.22	16	29.58	18	7,829	44	s.	13	73	44	75
Memphis....	29.98	30.23	16	29.65	18	5,189	38	nw.	29	63	47	68

COMPARATIVE DATA FOR APRIL

Year.	Temperature Monthly average	Temperature Departure	Temperature Highest	Temperature Lowest	Precipitation Monthly average	Precipitation Departure	Number of days Clear	Partly Cloudy	Cloudy	Precip. of .01 or more
Means and Extremes	61.2		93	18	4.78		12	9	9	8
1890.....	62.8	+1.6	93	22	2.75	−2.03	15	10	5	8
1891.....	61.4	+0.2	87	22	6.78	+2.00	12	9	9	10
1892.....	64.9	+3.7	91	29	7.16	+2.38	11	10	9	8
1894.....	63.1	+1.9	91	30	6.18	+1.40	14	8	8	9
1895.....	66.1	+4.9	93	30	1.99	−2.79	15	8	7	6
1896.....	67.8	+6.6	91	24	3.65	−1.13	12	12	6	5
1897.....	64.1	+2.9	90	27	4.11	−0.64	12	11	7	9
1898.....	59.2	−2.0	93	19	3.09	−1.69	14	8	8	5
1899.....	60.7	−0.5	96	19	3.28	−1.50	10	11	9	7
1900.....	62.2	+1.0	95	24	4.98	+0.20	10	12	8	10
1901.....	58.1	−3.1	86	22	3.82	−0.96	14	8	8	6
1902.....	61.2	0.0	95	25	2.87	−1.91	11	11	8	8
1903.....	60.6	−0.6	91	26	1.88	−2.92	15	8	7	6
1904.....	57.8	−3.4	89	24	3.88	−0.90	11	9	10	5
1905.....	61.1	−0.1	86	25	6.29	+1.51	9	10	11	11
1906.....	63.7	+2.5	97	27	2.55	−2.23	15	7	8	6
1907.....	54.9	−6.3	89	24	5.41	+0.66	10	7	13	9
1908.....	63.3	+2.1	93	24	6.32	+1.54	9	9	12	12
1909.....	60.9	−0.3	87	24	4.52	−0.26	15	7	8	8
1910.....	59.8	−1.4	90	27	5.14	+0.36	12	9	9	9
1911.....	60.5	−0.7	93	29	3.86	−0.92	10	9	11	12
1912.....	61.9	+0.7	93	26	8.14	+3.36	9	11	10	12
1913.....	63.2	0.0	96	27	4.91	+0.13	17	6	7	6
1914.....	61.0	−0.2	94	19	4.57	−0.21	11	9	10	9
1915.....	63.3	+2.1	95	19	2.96	−1.82	11	8	11	5
1916.....	59.8	−1.3	92	24	3.65	−1.13	13	7	10	7
1917.....	60.4	−0.8	90	25	5.69	+0.91	14	7	9	9
1918.....	59.6	−1.6	98	26	7.03	+2.25	14	6	10	9
1919.....	60.6	+1.4	95	24	3.56	−1.22	14	6	10	7
1920.....	59.8	−1.4	94	21	5.19	+0.71	14	7	9	9
1921.....	58.8	−1.4	91	22	7.87	+3.39	11	6	10	9
1922.....	60.0	−2.3	90	26	5.54	+0.76	13	6	11	9
1923.....	61.4	+0.2	95	23	6.39	+1.52	14	7	9	11
1924.....	61.1	+0.2	94	19	4.99	+0.21	14	6	10	9
1925.....	67.4	+6.2	98	28	2.62	−2.16	11	9	7	6

*Based on 30 years record.

Climatological Data for April, 1925

Stations	Counties	Elevation, feet	Temperature (Degrees Fahrenheit)								Precipitation, inches				Number of days				Prevailing direction of wind	Observers
			Length of record, years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	30	70.2[1]	+ 9.0	88[1]	14†	39[1]	30	36[1]	.....	.....	.....	0	.....	3[1]	13[1]	2[1]	n.	G. C. Thrash.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	0.97	−4.42	0.40	0	5	9	5	16	s.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	0.39	−4.27	0.26	0	3	17	7	6	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	3.23	.....	1.65	0	4	13	13	4	ne.	J. D. Reeves.
Batesville	Independence	277	25	64.9	+ 6.0	89	14†	36	1	39	3.08	−1.60	1.57	0	6	13	2	15	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	250	32	65.4	+ 4.5	90	15	39	29	39	2.19	−2.78	0.60	0	6	12	10	8	sw.	J. E. Scanlan.
Bentonville	Benton	1303	19	63.7	+ 6.8	86	21	36	30	31	4.94	+1.95	2.18	0	12	16	8	6	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	3.23	−2.18	1.23	0	7	16	3	11	.....	Vernon C. Howe.
Brinkley	Monroe	205	37	68.1	+ 7.4	95	15	40	1	41	0.55	−4.87	0.34	0	4	19	8	3	s.	H. L. D. Whitson.
Calico Rock	Izard	361	20	64.4	+ 6.3	91	15†	36	1	41	4.22	−0.47	1.60	0	10	8	13	9	s.	W. J. Copp.
Camden	Ouachita	158	39	68.0	+ 4.3	92	21	37	30	38	1.25	−3.69	0.60	0	5	11	8	11	s.	A. B. Quarterman
Center Point	Howard	470	25	68.6	+ 5.9	91	15	38	30	28	3.63	−1.72	1.83	0	7	13	11	6	se.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	1.91	−4.42	1.07	0	6	9	7	14	sw.	I. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	2.10	.....	0.75	0	4	20	5	5	s.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	68.0	+ 6.5	93	15	41	1	41	2.04	−2.61	1.01	0	3	23	4	3	s.	E. E. Cordrey.
Corning	Clay	293	31	68.0	+ 8.4	93	26	41	2†	41	4.53	−0.35	1.17	0	7	23	3	4	sw.	Winfred D. Polk.
Dam No. 1††	White	190	2	.....	.....	.....	.....	.....	..	.....	2.30	.....	1.20	0	3	18	7	5	s.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.93	−0.99	1.22	0	5	10	0	20	s.	C. P. Evans.
Dardanelle	Yell	330	38	67.8	+ 6.4	93	22	40	2	37	2.90	−1.14	1.00	0	6	18	0	12	w.	J. D. Riley.
Dumas	Desha	162	18	68.6	+ 5.8	92	21†	40	1	38	0.61	−4.34	0.35	0	5	10	17	3	s.	Ben Johnson.
Dutton	Madison	1590	21	61.8	+ 5.8	87	19	32	5	40	6.19	+0.43	2.28	0	8	13	14	3	s.	I. M. Ricketts.
El Dorado	Union	270	23	71.2	+ 7.8	95	20	43	30	34	0.59	−4.50	0.33	0	3	10	14	6	sw.	J. J. Babb.
England	Lonoke	229	17	68.1[a]	+ 6.0	92[a]	15	40[a]	1†	39[a]	1.00	−5.24	0.47	0	6	10[a]	15[a]	4[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	64.6	+ 6.2	89	19	34	30	34	7.15	+2.48	2.87	0	13	10	16	4	n	Geo. W. Nicholds.
Evening Shade	Sharp	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	64.0	+ 6.0	86	21	34	30	33	2.78	−1.74	0.85	0	6	17	2	11	sw.	University of Arkansas.
Fort Smith	Sebastian	481	42	67.6	+ 5.8	89	17	43	30	31	5.01	+1.11	2.02	0	10	6	14	10	e.	U. S. Weather Bureau
Freeman Springs	Polk	2240	1	.....	.....	.....	.....	.....	.....	.....	3.57	.....	0.98	0	8	17	6	7	s.	J. R. McCuiston.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	3.33	−1.10	1.35	0	5	9	11	10	.....	F. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	1.74	−4.01	0.70	0	6	14	5	11	s.	W. R. Owens.
Gilbert	Searcy	.....	1	.....	.....	.....	.....	.....	.....	.....	5.08	.....	1.53	0	10	5	18	7	.....	Ben F. Battenfield.
Grannis	Polk	900	6	65.8	.....	89	17	35	30	32	4.45	.....	2.40	0	9	14	10	6	s.	W. E. Mc Vay.
Gravette	Benton	1250	27	63.2	+ 6.6	87	22	28	30	40	6.78	+2.62	2.62	0	13	12	10	8	sw.	A. F. Stevens.
Harrison	Boone	1052	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Newman.
Helena	Phillips	193	52	69.8	+ 7.4	98	15	39	1	45	1.67	−4.01	1.42	0	5	20	2	8	s	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	2.59	.....	1.05	0	4	16	12	2	sw.	J. A. Ingram.
Hope	Hempstead	377	53	69.0	+ 5.8	91	15	40	30	35	2.28	−3.18	1.28	0	5	14	8	8	s.	N. P. O' Neal.
Hot Springs	Garland	600	33	68.2	+ 5.7	92	15	40	30	37	1.22	−4.80	0.55	0	6	15	8	7	.....	P. P. Patraw.
Huttig	Union	175	17	70.6	+ 5.2	92	15	42	30	33	0.90	−4.46	0.90	0	1	19	10	1	se.	J. L. Collett.
Jonesboro	Craighead	345	29	66.8	+ 5.6	88	14†	42	1	36	3.80	−1.00	1.98	0	5	16	10	4	sw.	Benedictine Sisters.
Junction ††	Union	182	30	70.3	+ 4.7	96	15†	36	30	42	1.06	−3.87	6.82	0	3	21	7	2	sw.	L. A. Lowderback.
Lambrook	Phillips	155	2	69.3	.....	94	21	36	1	42	0.32	.....	0.32	0	1	19	14	6	.....	G. A. Newton.
Little Rock	Pulaski	399	45	68.2	+ 6.1	90	15	47	30	32	1.08	−3.43	0.44	0	6	12	9	9	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	27	66.8	+ 7.0	91	21	40	30	32	2.63	−1.83	1.20	0	8	16	11	3	se.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	0.25	.....	0.14	0	4	.....	.....	.....	.....	P. T. Simons.
Magnolia	Columbia	315	6	69.6	.....	92	23	40	30	34	1.40	.....	0.60	0	4	9	17	4	s.	State Agri. School.
Malvern	Hot Springs	277	37	69.0	+ 7.9	96	21	34	30	42	1.04	−4.13	0.65	0	3	18	9	3	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	63.6	+ 5.2	88	19†	36	1	38	3.12	−2.10	1.04	0	11	10	15	5	s.	F. M. Daniel.
Marianna	Lee	235	16	68.8	+ 8.3	91	15	40	1	37	1.42	−2.45	1.03	0	3	12	16	2	s	C. N. Houck.
Marked Tree	Poinsett	229	19	67.2	.....	98	17†	42	1†	36	1.65	−3.94	0.85	0	7	17	11	2	se.	Charles Walton.
Marshall	Searcy	1070	10	65.5	+ 4.7	89	15	37	5	38	3.81	−2.29	1.82	0	6	21	2	7	se.	A. J. Park.
Mena	Polk	1185	38	66.5	+ 5.1	88	15†	43	1†	33	4.73	+0.97	1.50	0	13	10	8	12	nw	E. W. St. John.
Morrilton ††	Conway	347	3	65.3	.....	89	22	42	1	34	0.90	.....	0.60	0	2	15	9	6	s.	Henry Harless.
Mountain Home	Baxter	800	11	64.4[b]	+ 5.0	89[b]	24	38[b]	29	38[b]	6.85	+2.65	2.30	0	8	9[b]	5[b]	14[b]	s.	B. S. Halbert.
Mount Ida	Montgomery	650	25	67.2[b]	+ 5.8	93[d]	15	34	30	45[d]	3.66	−2.05	1.31	0	4	14	10	6	se.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	2.34	−3.98	1.05	0	4	10	15	5	.....	Henry A. Davis.
Nail	Newton	2233	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	Jackson	231	40	68.4	+ 6.6	92	24	39	1	41	3.45	−1.54	1.70	0	6	16	12	2	s.	W. S. Foushee.
Osceola	Mississippi	240	26	67.8	+ 8.1	91	14†	38	1	38	1.59	−2.67	0.69	0	6	14[a]	8[a]	7[a]	s.	June Thomason.
Ozark	Franklin	450	28	67.6	+ 5.2	92	21	36	30†	37	3.53	−1.01	1.50	0	7	17	4	9	sw.	Isham Barrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	2.49	−3.82	1.00	0	5	18	0	12	s.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	2.46	.....	0.95	0	5	18	7	5	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	6.14	.....	2.75	0	10	12	6	12	se.	W. W. Wood.
Pine Bluff	Jefferson	215	37	69.1	+ 4.7	93	21	42	30	34	0.62	−4.88	0.29	0	5	18	4	8	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	65.2	+ 5.2	88	15	40	30	35	3.03	−1.75	1.40	0	7	8	16	6	s.	Benedictine Sisters.
Portland	Ashley	122	18	70.2	+ 6.5	92	15	43	1†	37	0.00	−5.30	0.00	0	0	8	12	10	sw.	W. E. Edmiston.
Prescott	Nevada	329	36	67.4	+ 4.5	88	21	40	30	33	1.65	−3.74	0.67	0	5	17	7	6	s.	C. D. Calhoun.
Princeton	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	0.11	−5.41	0.11	0	1	12	0	18	ne.	Foote Coleman.
Rison	Cleveland	243	23	69.0[a]	+ 6.0	94[a]	15	38[a]	30	37[a]	0.30	−4.27	0.14	0	4	23[a]	5[a]	1[a]	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	64.8	+ 6.7	87	15†	33	30	36	5.36	+1.01	2.10	0	9	9	14	7	s.	Carl A. Starck.
Searcy	White	236	11	66.4	+ 4.8	92	15	39	1	40	0.50	−4.94	0.25	0	3	19	9	2	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	2.09	−5.33	0.75	0	6	15	4	12	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	3.44	.....	1.49	0	5	22	5	3	s.	S. C. Story.
Stuttgart	Arkansas	228	37	68.0	+ 6.0	92	15	40	1†	36	0.22	−5.00	0.13	0	3	13	16	1	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	70.4[f]	+ 9.3	94[f]	23	40[f]	30	29[f]	3.44	−0.84	1.95	0	5	15[f]	2[f]	7[f]	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	68.2	+ 4.4	90	15†	37	30	36	3.81	−1.42	1.92	0	5	16	8	6	s.	H. S. Brashear.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	3.65	.....	1.76	0	8	15	6	9	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	70.4	+ 7.8	90	21	41	1	32	0.40	−4.95	0.25	0	3	16	11	3	s.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	3.76	.....	1.70	0	6	11	15	4	w.	J. R. Hudleston.
Whitecliffs	Little River	.....	20	.....	.....	.....	.....	.....	.....	.....	3.00	−3.11	1.70	0	4	12	8	10	.....	Nannie O. Schirmer.
Wynne	Cross	250	18	67.7	+ 6.4	90	16†	38	1	39	0.91	−4.68	0.70	0	3	16	10	4	s.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	0.50	.....	0.17	0	5	6	16	8	.....	W. E. Barton.
State Means and Extremes				67.4	+ 6.2	98	15†	28	30	45	2.62	−2.16	2.87	0	6	14	9	7	s.	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record; but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], appearing in the table indicate number of days missing; for example, [b] represents two days missing. †Also on other dates. ‡‡Post-office addresses of these stations as follows:- Junction, Randolph, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily Precipitation for April, 1925

Stations	Drainage-basin	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.42	....	.90	.10	....	....	....	....
Arkadelphia	Ouachita	....	....	.01	....	....	....	....	....	.15	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	.16	.40	....	....	....	....	0.97
Arkansas City	Mississippi	....	....	T.	.08	....	....	....	....	.05	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T.	.26	....	....	....	....	0.39
Arlberg	White	....	....	.55	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	1.65	....	....	....	....	3.23
Batesville	White	....	....	.74	.18	.03	....	....	T.	....	....	....	....	....	T.	....	....	.04	....	T.	....	....	....	....	....	....	T.	.52	1.57	....	....	....	3.08
Bee Branch	Arkansas	....	....	.55	.52	....	....	....	T.	.28	.10	....	....	....	.14	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	2.19
Bentonville	Arkansas	T.	.33	.22	....	....	....	....	.54	.30	....	....	T.	.06	....	....	.17	.08	....	....	....	.08	....	....	1.54	.64	T.	.94	.04	....	....	....	4.94
Black Rock	White	....	....	.26	1.15	.12	....	....	T.	T.	....	....	....	....	....	....	.03	T.	.02	T.	....	....	....	....	....	....	....	.42	1.23	....	....	....	3.23
Brinkley	White	....	....	.08	.34	.11	....	....	T.	....	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.55
Calico Rock	White	....	T.	.36	.56	.16	....	....	T.	.09	T.	....	....	T.	.01	....	.07	.51	T.	....	....	....	....	....	....	.30	.56	1.60	....	....	....	....	4.22
Camden	Ouachita	....	....	.24	....	....	....	....	.01	.38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	.02	....	....	....	....	1.25
Center Point	Red	....	.08	....	....	....	....	....	....	.22	....	....	....	....	.33	....	....	T.	....	.03	....	....	....	....	....	1.83	T.	1.11	.03	....	....	....	3.63
Clarendon	White	....	....	.70	1.07	.01	....	....	.01	....	....	....	....	....	.08	.04	....	....	T.	....	.20	....	....	....	....	....	T.	....	.60	....	....	....	....	2.10
Clinton	White	....	....	.75	.55	....	....	....	T.	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.74	....	....	....	....	2.04
Conway	Arkansas	....	....	1.01	.29	....	....	....	....	....	....	....	....	....	....	....	.09	.57	....	....	....	....	....	....	....	....	....	.87	.96	....	....	....	4.53
Corning	White	....	.76	1.17	....	....	....	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.64	....	....	....	....	....	2.30
Dam No. 1	White	....	....	1.20	.46	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	T.	....	....	....	....	....	.38	.65	1.22	....	....	....	....	2.93
Danville	Arkansas	....	....	.50	....	....	....	....	T.	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	.40	1.00	....	....	....	....	2.90
Dardanelle	Arkansas	....	....	.70	.20	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.06	....	T.	....	....	....	....	0.61
Dumas	Arkansas	....	T.	.35	.05	....	....	....	T.	T.	....	....	T.	T.	.10	.05	T.	....	T.	....	....	....	....	....	....	1.66	....	2.28	....	....	....	....	6.19
Dutton	White	....	.48	.41	.50	....	....	....	.54	T.	.13	....	T.	....	T.	....	T.	.19	....	....	....	....	....	....	....	....	.23	....	....	.03	....	....	0.59
El Dorado	Ouachita	....	....	....	T.	....	....	....	....	.33	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.01	T.	.39	....	....	....	....	1.00
England	Arkansas	....	....	.47	.02	....	....	....	.01	....	T.	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	2.87	....	1.60	.03	....	....	....	7.15
Eureka Springs	White	....	.07	.19	.17	....	....	....	.27	1.21	.07	....	....	....	....	....	.55	.05	....	....	....	.02	....	....	.05	2.87	....	1.60	.03	....	....	....	7.15
Evening Shade	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fayetteville	White	....	....	.03	....	....	....	....	.72	.53	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.85	....	.61	....	....	....	....	2.78
Fort Smith	Arkansas	....	.67	T.	....	....	....	....	.87	.04	....	....	....	T.	....	....	T.	.03	....	....	T.	.05	....	....	.24	1.06	.29	1.73	.03	....	....	....	5.01
Freeman Springs	Arkansas	....	....	.27	.35	....	....	....	....	.01	.18	....	....	....	T.	....	....	T.	....	....	....	T	....	....	....	.85	.40	.98	.53	....	....	....	3.57
Fulton	Red	....	....	T.	....	....	....	....	....	.53	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	1.35	1.00	....	.15	....	....	3.33
Georgetown	White	....	....	.10	.40	....	....	....	.04	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	.25	.70	....	....	....	1.74
Gilbert	White	....	T.	.38	.38	....	....	.12	....	.01	....	....	....	....	T.	T.	.15	.39	....	....	....	....	....	....	....	1.00	.20	.92	1.53	....	....	....	5.08
Grannis	Red	....	.03	....	....	....	....	....	T.	.12	.09	....	....	.21	.01	....	....	....	....	T.	....	....	....	....	....	2.40	.04	1.45	.10	....	....	....	4.45
Gravette	Arkansas	....	.15	.55	.08	....	....	....	.42	.26	.11	....	T.	.08	....	....	.21	.12	....	....	....	....	....	....	1.05	2.62	....	1.02	.06	....	....	....	6.73
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	....	....	....
Helena	Mississippi	....	....	.16	1.42	.04	....	....	T.	....	....	....	....	....	.01	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.67
Higden	White	....	.82	.65	.07	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	1.28	....	1.05	....	....	....	....	2.59
Hope	Red	....	.01	....	....	....	....	....	....	.40	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	.51	....	....	....	2.28
Hot Springs	Ouachita	....	.08	.23	....	....	....	....	....	T.	.10	....	....	T.	....	....	....	T.	....	.01	....	....	....	....	....	.25	T.	.55	T.	....	....	....	1.22
Huttig	Ouachita	....	....	.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.90
Jonesboro	White	....	....	.32	1.98	....	....	....	....	....	....	....	....	....	....	....	.05	.18	....	T.	....	....	....	....	....	....	....	1.27	....	....	....	....	3.80
Junction	Ouachita	....	.17	T.	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.82	....	....	.01	....	....	....	1.00
Lambrook	White	....	....	.32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.32
Little Rock	Arkansas	....	.04	.33	T.	....	....	....	T.	.07	....	....	....	.19	.01	....	....	T.	....	T.	....	....	....	....	....	T.	....	.44	....	....	....	....	1.08
Lutherville	Arkansas	....	.15	....	.22	....	....	....	T	.02	....	....	....	.10	....	....	....	.01	T.	.02	....	....	....	....	....	.91	....	1.20	....	....	....	....	2.63
McGehee	Mississippi	....	....	.06	....	....	....	....	....	.04	....	....	....	....	.01	....	.14	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	0.25
Magnolia	Red	....	....	.60	....	....	....	....	....	.38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	.07	....	....	....	1.40
Malvern	Ouachita	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	.65	....	....	....	....	1.04
Mammoth Spg.	White	....	....	.15	.65	.13	....	....	....	.13	.02	....	....	.03	....	....	.28	.04	....	....	....	....	....	....	....	....	.20	.45	1.04	....	....	....	3.12
Marianna	Mississippi	....	....	1.03	.37	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.42
Marked Tree	Mississippi	....	....	.07	.85	.01	....	....	....	....	.45	....	....	....	....	....	....	.02	T.	T.	....	....	....	....	....	....	....	.10	.15	....	....	....	1.65
Marshall	White	....	....	.18	.81	....	....	....	....	....	....	....	....	....	....	.15	.25	T.	....	T.	....	....	....	....	....	.60	....	1.82	....	....	....	....	3.81
Mena	Ouachita	.05	.01	....	T.	....	....	....	....	.22	T.	....	....	.01	.91	....	....	.01	....	.30	.01	....	....	....	....	.41	1.20	1.50	.04	.06	....	....	4.73
Morrilton	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain Home	White	....	....	.43	.67	....	....	....	.26	.35	....	....	....	.08	....	....	.93	....	....	....	....	....	....	....	....	2.30	....	1.83	....	....	....	....	6.85
Mount Ida	Ouachita	....	.15	1.05	....	....	....	....	....	.25	....	.07	....	T.	T.	....	....	T.	....	....	....	....	....	....	....	1.31	....	1 15	....	....	....	....	3.66
Murfreesboro	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.97	1.05	T.	T.	....	....	2.34
Newport	White	....	....	.60	1.70	....	....	....	.05	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	.80	.60	....	....	....	3.45
Osceola	Mississippi	....	....	.04	.62	....	....	....	T.	.01	.13	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.10	.60	....	....	....	....	....	1.59
Ozark	Arkansas	....	.21	....	....	....	....	....	.20	....	....	....	....	....	.03	....	....	....	.08	....	T.	....	....	....	....	1.49	....	1.50	.02	..	....	....	3.53
Patterson	White	....	..	.31	.50	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	1.00	.58	....	....	....	2.49
Piggott	St. Francis	....	..	.21	.95	....	....	....	....	....	....	....	T.	....	....	....	.15	.20	....	....	....	....	....	....	....	....	....	.95	....	....	....	....	....	2.46
Pindall	White	....	.17	.27	.46	....	....	....	.20	.16	....	....	....	.04	....	....	.50	.04	....	T.	....	....	....	....	....	1.55	....	2.75	....	....	....	....	6.14
Pine Bluff	Arkansas	....	....	.26	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	T.	....	....	....	....	....	....	....	.29	.02	.02	....	....	....	0.62
Pocahontas	White	....	....	.25	1.03	....	....	....	....	....	....	.05	.05	....	....	....	.05	.20	....	....	....	....	....	....	....	....	....	1.40	....	....	....	....	3.03
Portland	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.00
Prescott	Ouachita	T.	....	.10	....	....	....	....	....	.34	....	....	....	.17	....	....	....	....	....	....	....	....	....	....	....	.67	....	.37	T.	....	....	....	1.65
Princeton	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.11	....	....	....	....	....	0.11
Rison	Ouachita	....	.08	....	....	....	....	....	....	T.	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	.14	....	....	....	....	0.30
Rogers	Arkansas	....	....	.19	....	....	....	....	.69	.79	....	....	....	....	....	....	.20	.08	....	....	....	....	....	....	.20	1.90	....	1.26	.05	....	....	....	5.36
Searcy	White	....	....	.25	....	....	....	....	T.	....	....	....	....	T.	.05	....	....	....	....	T.	....	....	....	....	....	....	....	.20	....	....	....	....	0.50
Springbank	Red	.10	....	.43	....	....	....	....	....	.43	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	.14	..	.11	....	....	2.09
Story	Ouachita	....	....	.90	..	....	....	....	.06	....	....	....	....	....	.01	....	....	....	....	....	....	....	....	....	....	.98	....	1.49	....	....	....	....	3.44
Stuttgart	Arkansas	....	....	....	....	....	....	....	.05	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	....	.13	....	....	....	....	....	....	0.22
Subiaco	Arkansas	.08	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.16	....	T.	....	....	....	....	....	1.95	....	1.10	....	....	3.44
Texarkana	Red	....	....	.11	....	....	....	....	....	.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.92	.80	....	.28	....	....	3.81
Waldron	Arkansas	....	.05	.28	....	....	....	....	T.	T.	....	....	....	.04	....	....	....	.12	....	.01	....	....	....	....	....	1.76	....	1.37	.02	....	....	....	3.65
Warren	Ouachita	....	....	.25	....	....	T.	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.40
Whitecliffs	Red	.23	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.70	.90	....	.30	....	....	3.00
Waters	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.19	.07	....	....	....	....	.20	....	....	....	....	....	.30	1.30	1.70	....	....	....	....	....	3.76
Wynne	Mississippi	....	....	.05	.70	T.	....	....	....	....	....	....	....	....	....	.16	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	0.91
Yancopin	Arkansas	....	....	.04	.17	....	....	....	....	....	....	....	....	....	.11	T.	....	....	....	....	....	....	....	....	....	....	....	.17	.01	....	....	....	0.50

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily River Stages for April, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.0	5.4	5.6	6.0	6 1	5.8	5.7	8.5	9.0	9.8	9.1	11 1	11.7	11.4	9.9	8.8	8.6	7.9	7.6	7.2	7.5	7.1	6.8	6.5	6.7	6.9	8.1	12.6	15.1	15 8	....
Dardanelle	do	20	2.4	2.3	2.4	2.7	2.9	3.2	3.2	3.5	3.5	6.4	6.6	6.6	7.0	8.3	8.2	7.1	6.1	5.6	5.3	4.6	4.1	4.1	4.4	4.0	3.8	4.0	4.3	8.0	11.0	12 8	....
Little Rock	do	23	0.2	0.0	†0.1	†0.2	0.0	0.5	0.5	0.8	0.9	0.6	1.5	3.3	3.9	3.9	5.6	6.4	5.8	4.5	3.4	3.0	2.7	1.8	1.8	1.7	1.7	1.2	1.2	0.9	2.1	8.9	....
Pine Bluff	do	25	4.5	4.1	4.8	4 4	4.0	4.1	4.4	4.6	4.9	4.9	4.7	5.5	7.2	8.2	8.7	9.7	10.4	9.7	8.7	7.5	7.0	6.8	6.4	5.9	5.9	5.9	5.6	5.5	5.3	7.8	....
Black Rock	Black	14	3.7	3.5	3.4	3.8	5.5	5.2	4.6	4.2	4.0	3.8	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	4.2	5.6	6.6	....
Gilbert	Buffalo	30	3.9	3.8	3.8	3.9	4.7	4.6	4.5	4.4	4.4	4.4	4.8	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.9	6.0	6.0	18.5	9.0	7.3	....
Calico Rock	White	18	0.8	1.0	1.1	1.3	1.9	1.8	1.3	1.2	1.2	1.4	3.7	3.7	3.5	3.8	3.7	3.4	3.4	3.7	3.8	3.6	3.1	3.1	2.0	2.6	1.7	8.2	9.4	17.9	18.5	13.4	....
Batesville	do	23	6.3	5.8	6.0	6.2	7.1	7.4	6.9	6.6	6.4	6.4	6.7	9.2	9.1	8.9	9.3	9.0	8.8	8.9	9.1	9.2	8.9	8.6	8.2	7.8	7.8	7.2	15.1	19.0	25.6	23.0	....
Newport	do	26	3.5	3.2	3.1	3.3	3.8	4.6	4.9	4.5	4.1	3.8	3.6	4.0	5.3	5.4	5.4	5.6	5.3	5.2	5.4	5.5	5.4	5.1	5.0	4.5	4.3	3.9	6.2	11.2	17.4	21.1	....
Georgetown	do	22	5.4	5.2	5.0	4.8	4.6	4.6	6 0	7.0	7.0	6.6	6.2	5.8	5.4	6.4	6.8	7.0	7.0	7.0	6.8	6.6	6 8	6.8	6.8	6.6	6.4	6.0	5.8	6.0	10.2	14.4	....
Clarendon	do	30	14.5	14.4	14.2	14.1	13.9	13.7	13.7	14.2	14.7	14.9	14.8	14 4	14.1	13.9	14.2	14.6	14.9	15.2	15 3	15.2	15.1	15.0	14.9	14.7	14.4	14.1	13.7	13.4	13.3	14.8	....
Helena	Mississippi	42	31.6	31.2	30.5	29.7	28.4	27.1	25.5	23.8	22.1	20.8	19.8	19.6	20.4	21.5	22.3	22.6	22.6	22.4	22.0	21.4	20.6	19.8	18.9	18.2	17.5	16.8	16.1	15.5	15.3	15.1	....
Arkansas City	do	48	34.2	34.3	34.3	33.9	33.4	32.7	31.7	30.7	29.4	28.1	26.4	25.1	24.5	24.5	25.5	26.2	26.8	27.1	26.5	26.3	25.8	25.2	24.4	23.5	22.6	21 8	21.0	20.2	19.5	18.9	....
Camden	Ouachita	49	5.0	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4 3	4.2	4.1	4.1	4.0	3.9	3.9	4.2	4.5	4.0	....
Danville	Petit Jean	20	3 6	3.6	3.6	3.5	3.5	3.4	3.4	3.2	2.8	2.6	2.4	2.2	2.2	2.1	2.1	2.1	2.0	2.6	2.0	1.9	1.9	1.7	1.4	1.4	1.4	1.6	5.8	8.2	10.2	6.7	....
Fulton	Red	28	5 9	5.8	6.4	7.0	7.5	7.9	7.8	7.7	7.7	7.3	7.0	7 0	10.3	10 7	9.7	8.9	8.2	8.0	7.6	6.8	6.9	6.6	6.5	6.5	7.1	7.6	8.5	11.7	17.1	22.0	....
Arkadelphia	Ouachita	18	†0.5	†0.5	†0.3	†0.5	0.6	0.1	0.0	0.3	0.3	0.0	0.2	0.3	†0.2	†0.5	†0.5	†0.5	†0.7	†0.8	†0.8	†0.7	†0.5	†0.4	†0.6	†0.6	†0.6	†0.7	†0.6	†0.6	0.0	0.0	....
Patterson	Cache	9	8.1	7.8	7.6	7.5	7 4	7.3	7.2	7.1	7.0	6.9	6.8	7.0	7.4	7.8	7.9	8.0	8.0	7.8	7.6	7.4	7.1	6.8	6.6	6.4	6.2	6.0	5.7	5.5	5.3	5.1	..

† Below zero of gage.

Daily Temperatures for April, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	83	88	88	81	86	86	82	84	88	86	86	85	78	80	74	69	65	67	....	80.9
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	71	56	52	52	62	59	60	60	66	70	68	66	64	55	66	56	47	39	....	59.4
Batesville§§	Maximum	72	72	60	63	73	74	78	79	79	75	82	81	79	89	89	69	82	88	85	86	86	86	86	82	85	65	71	61	63	....	....	77.7
	Minimum	26	37	47	50	41	39	43	48	57	57	46	46	47	52	50	55	52	57	67	61	65	69	69	66	62	55	59	48	46	45	....	52.1
Bee Branch	Maximum	71	72	69	69	69	71	78	76	78	73	81	83	84	87	90	88	88	89	88	89	89	88	89	89	83	83	76	72	68	64	....	79.7
	Minimum	41	49	46	45	43	46	45	51	50	51	45	46	51	49	51	54	52	55	65	58	65	63	63	62	60	51	51	44	39	40	....	51.1
Bentonville	Maximum	72	69	60	65	70	71	76	71	70	69	76	83	79	83	85	74	81	85	81	83	86	85	84	75	71	76	60	62	57	59	....	74.6
	Minimum	41	51	51	48	42	47	54	55	51	50	49	51	59	54	54	51	61	65	63	61	66	65	68	61	58	54	53	40	38	36	....	55.4
Brinkley	Maximum	76	77	73	65	72	76	82	84	82	77	86	90	85	90	95	87	86	90	83	90	93	90	90	91	89	90	84	76	70	69	....	82.9
	Minimum	49	46	50	52	47	45	45	57	63	54	46	49	57	57	56	58	56	64	67	62	67	68	66	66	63	59	60	55	45	41	....	55.3
Calico Rock§§	Maximum	74	71	60	64	71	75	78	76	79	75	83	87	84	89	91	66	84	85	91	85	83	84	84	85	71	84	63	68	52	61	....	76.4
	Minimum	36	42	51	51	39	39	40	48	53	55	41	46	49	52	50	53	55	57	65	65	67	64	65	65	63	55	57	46	42	43	....	51.8
Camden§§	Maximum	77	83	78	65	76	75	81	80	78	78	83	85	81	88	91	81	88	88	89	87	89	88	88	82	79	86	79	73	69	68	....	81.5
	Minimum	41	51	56	49	46	45	47	53	56	55	46	47	51	60	55	57	61	59	63	64	66	65	67	63	58	57	58	56	44	37	....	54.1
Center Point	Maximum	72	78	71	66	75	72	73	77	81	76	82	85	83	86	91	81	88	88	89	87	89	88	88	82	79	82	76	71	63	65	....	79.3
	Minimum	50	52	60	53	50	53	56	60	58	55	51	59	61	58	63	63	63	62	65	64	67	65	66	65	61	59	62	54	44	38	....	58.0
Conway	Maximum	75	75	70	63	72	73	80	79	80	77	84	89	82	91	93	79	88	89	86	89	90	88	88	89	82	85	75	74	70	66	....	80.7
	Minimum	41	52	51	52	48	45	48	59	61	54	48	48	54	54	54	60	58	63	68	62	70	65	66	65	66	51	58	51	42	43	....	55.4
Corning	Maximum	76	77	75	78	74	73	76	78	72	79	82	83	81	81	86	82	81	85	88	86	85	85	87	89	91	93	86	74	75	66	....	80.6
	Minimum	51	41	46	49	46	41	47	51	59	56	48	42	55	42	57	55	57	56	74	74	66	74	71	76	74	79	48	46	42	41	....	55.2
Dardanelle	Maximum	64	63	64	69	71	70	80	82	77	78	76	78	85	83	87	87	92	90	91	88	92	93	91	90	88	86	84	79	67	62	....	80.1
	Minimum	42	40	49	47	51	49	51	52	53	54	50	54	60	58	58	58	55	64	65	65	67	68	68	66	61	56	55	53	48	42	....	57.3
Dumas	Maximum	72	77	77	65	70	74	78	81	77	72	81	86	83	88	91	83	82	90	82	86	92	92	90	91	88	90	84	77	71	68	....	81.3
	Minimum	40	47	56	55	47	46	46	60	62	55	44	48	55	58	61	58	57	61	63	63	69	67	68	66	61	60	54	55	49	41	....	55.8
Dutton	Maximum	68	67	61	63	71	68	74	66	73	71	78	81	76	86	85	74	84	85	87	82	86	84	85	82	64	75	69	68	58	55	....	75.5
	Minimum	35	45	49	45	32	42	52	54	48	48	38	43	52	49	45	54	56	57	60	55	63	65	65	61	57	48	52	42	36	34	....	50.5
El Dorado	Maximum	70	89	86	89	80	78	80	81	78	78	83	86	82	88	92	87	90	90	94	95	93	91	91	90	85	88	81	78	67	67	....	82.9
	Minimum	50	55	61	51	49	49	49	59	60	56	53	52	57	62	60	62	63	61	65	65	69	67	69	67	65	69	68	56	50	43	....	58.1
England	Maximum	72	78	75	68	71	76	81	83	82	76	84	....	88	91	92	80	88	90	84	86	91	89	89	88	87	87	81	79	77	63	....	82.9
	Minimum	40	48	51	53	47	47	47	58	58	55	46	....	50	55	53	58	56	63	63	60	67	67	62	63	64	56	61	54	43	40	....	54.6
Eureka Springs	Maximum	75	72	62	67	74	74	79	69	76	72	78	83	83	85	87	76	85	86	89	84	87	87	87	81	76	79	77	63	62	59	....	77.7
	Minimum	44	46	47	45	41	45	53	54	49	56	52	57	61	51	56	49	58	65	64	59	64	67	67	64	56	51	49	43	37	34	....	52.5
Fayetteville	Maximum	74	70	67	64	71	75	76	72	71	70	79	75	78	81	84	82	81	84	84	83	86	84	84	80	67	71	71	65	60	58	....	77.2
	Minimum	41	52	52	46	43	50	56	54	50	48	47	58	58	55	52	52	59	66	62	62	64	64	65	65	58	51	52	45	37	33	....	53.3
Fort Smith	Maximum	71	70	63	70	73	73	77	69	75	74	81	86	82	84	89	78	86	88	88	89	89	88	87	83	68	76	69	66	60	62	....	77.1
	Minimum	48	54	55	54	51	53	56	56	58	55	56	56	63	59	55	63	61	66	72	67	70	70	71	62	61	58	59	51	44	43	....	58.1
Grannis	Maximum	68	73	72	72	71	72	73	73	77	75	81	82	77	82	77	80	80	87	80	86	87	86	86	85	85	85	71	64	61	62	....	77.4
	Minimum	45	61	59	48	46	50	52	56	58	52	62	49	55	51	52	55	58	59	61	58	64	64	61	62	57	53	58	47	40	35	....	54.3
Gravette	Maximum	75	71	65	65	71	73	75	72	71	72	79	85	80	82	86	85	86	84	85	86	87	84	81	80	71	76	74	62	59	59	....	77.1
	Minimum	37	51	50	47	51	48	52	52	45	44	39	51	55	48	47	51	59	61	61	58	60	67	67	60	58	49	52	45	32	28	....	50.4
Helena	Maximum	80	82	70	60	70	72	78	80	86	81	75	88	94	88	94	88	85	94	92	80	89	95	95	94	97	94	93	84	82	72	....	85.4
	Minimum	39	42	42	51	49	48	45	55	56	55	47	49	51	53	59	58	57	64	58	61	61	67	67	66	65	62	62	55	48	42	....	55.5
Hope	Maximum	77	86	79	68	76	75	87	80	81	76	78	82	83	86	91	85	94	90	86	90	92	91	91	90	88	85	78	73	65	68	....	82.1
	Minimum	43	55	51	53	43	48	55	57	58	58	49	52	61	54	56	59	62	64	67	62	68	63	67	65	62	60	58	53	46	44	....	55.8
Hot Springs	Maximum	73	77	78	64	72	72	79	77	80	78	84	86	82	89	92	81	89	87	84	85	91	88	87	86	85	82	79	72	68	64	....	80.3
	Minimum	42	48	53	53	46	50	50	55	61	57	49	52	59	57	55	60	61	59	65	61	68	69	63	67	64	56	66	55	48	40	....	54.9
Huttig	Maximum	76	76	81	78	79	75	79	81	80	79	84	86	86	87	92	90	90	89	89	89	91	91	91	90	88	87	88	85	72	70	....	84.8
	Minimum	43	43	60	52	48	55	50	59	61	56	55	48	54	59	57	59	61	58	64	64	69	68	68	64	66	59	61	55	53	42	....	56.1
Jonesboro	Maximum	71	73	68	61	68	73	79	81	80	74	84	84	83	85	87	72	77	87	84	87	87	86	86	85	84	86	79	70	65	64	....	78.5
	Minimum	42	46	50	50	45	46	47	51	64	56	54	56	57	52	56	54	55	62	69	62	64	70	68	64	64	64	64	53	48	43	....	55.1
Junction	Maximum	82	85	84	77	75	77	71	84	75	83	83	87	89	90	96	93	91	93	82	90	95	93	94	92	93	84	84	82	74	64	....	85.1
	Minimum	58	56	58	54	49	47	49	47	48	47	44	46	54	58	66	62	64	66	65	58	64	65	65	64	66	60	66	56	50	46	....	56.1
Lambrook §§	Maximum	75	79	74	58	70	75	86	86	85	76	84	88	86	88	90	82	90	91	80	87	94	90	90	90	89	84	78	67	68	....	....	82.6
	Minimum	36	41	43	56	49	45	44	55	56	56	44	58	64	63	61	57	64	63	67	59	68	69	69	68	60	63	70	55	44	....	....	57.1
Little Rock	Maximum	72	75	70	60	70	72	78	79	78	75	82	86	82	86	90	78	87	87	78	85	88	86	86	86	84	84	74	72	62	61	....	78.4
	Minimum	49	55	51	52	51	51	55	61	57	56	57	55	58	60	58	59	60	65	67	63	64	69	68	68	64	60	58	54	48	47	....	57.9
Lutherville	Maximum	72	71	64	61	71	79	78	72	75	71	79	86	80	86	87	79	87	87	90	86	91	87	82	86	79	75	69	68	58	60	....	78.1
	Minimum	47	52	50	48	48	51	56	60	56	53	51	54	62	57	58	59	57	63	67	64	69	68	69	67	61	57	56	58	42	40	....	55.3
Magnolia	Maximum	76	83	77	71	73	76	79	79	78	80	82	86	83	87	90	83	89	89	87	82	89	91	90	92	89	90	87	82	73	65	....	82.7
	Minimum	44	56	62	52	48	50	56	59	59	48	55	54	70	60	56	59	61	63	68	69	69	67	70	66	64	59	63	55	47	39	....	57.5
Malvern	Maximum	75	75	79	72	75	75	81	82	83	79	86	88	80	90	94	90	90	89	84	89	96	89	89	89	84	85	81	74	67	69	....	82.5
	Minimum	42	53	53	51	50	51	49	55	58	56	45	46	52	54	58	61	61	58	68	64	69	68	68	68	64	56	64	56	45	34	....	55.3
Mammoth Spg. §§	Maximum	72	69	58	66	68	72	80	74	76	72	81	86	86	86	87	67	77	87	86	86	84	88	87	85	78	83	61	68	59	60	....	76.0
	Minimum	36	39	47	47	43	42	45	49	53	52	44	50	50	52	49	51	52	58	64	60	61	66	64	65	65	54	57	45	41	40	....	51.0
Marianna	Maximum	75	76	74	64	75	74	79	81	81	77	86	86	86	88	91	85	81	86	87	87	90	86	87	90	89	90	90	75	72	70	....	82.7
	Minimum	44	45	51	54	48	47	46	56	62	57	50	50	49	59	59	60	59	64	66	65	67	69	66	63	59	60	55	48	42	39	....	54.9
Marked Tree §§	Maximum	76	69	61	69	76	78	80	81	69	82	86	84	88	90	71	80	88	84	87	92	88	88	90	90	86	75	71	65	63	61	....	79.9
	Minimum	42	51	52	47	48	46	56	58	54	47	51	56	58	54	54	56	62	68	63	65	69	67	65	62	66	62	54	47	42	42	....	55.9
Marshall	Maximum	72	70	70	62	69	70	72	75	76	71	82	86	84	87	88	84	84	87	88	87	89	88	88	87	78	67	62	64	62	61	....	77.7
	Minimum	41	54	50	48	37	42	56	50	53	51	44	50	63	52	51	53	49	66	69	51	70	69	73	78	57	51	52	44	38	34	....	53.3
Mena	Maximum	70	73	74	63	74	72	77	72	77	72	79	83	80	84	88	88	83	86	85	77	86	88	85	86	83	78	69	67	69	61	....	77.9
	Minimum	43	43	56	59	46	50	55	59	57	54	48	52	58	58	55	60	59	64	63	62	67	66	68	66	60	55	60	54	44	41	....	55.4
Morrilton	Maximum	74	75	75	66	62	66	73	71	73	74	74	76	79	81	82	82	82	85	84	82	86	85	85	84	76	74	70	70	69	66	....	77.1
	Minimum	42	46	49	52	45	48	39	49	59	48	42	49	57	55	54	59	50	63	64	62	66	65	65	64	66	60	59	51	47	42	....	53.1
Mt. Home	Maximum	....	....	59	64	69	73	78	73	75	78	82	84	79	87	88	70	72	86	88	84	86	88	88	89	74	81	79	65	69	65	....	77.7
	Minimum	....	....	46	47	42	42	50	52	53	51	45	48	56	50	50	50	55	54	61	61	65	67	64	57	53	50	42	....	....	39	....	....
Mt. Ida	Maximum	....	....	....	....	....	75	73	79	78	82	77	85	87	78	91	93	82	90	87	81	88	91	88	85	86	77	81	75	72	65	67	....	....
	Minimum	35	51	52	53	45	39	42	53	67	55	45	45	55	50	48	51	58	57	64	54	66	67	65	67	64	61	58	58	38	31	....	....
Newport	Maximum	76	71	72	65	72	78	82	88	83	78	87	90	85	88	92	83	82	89	86	86	88	88	88	87	92	90	91	82	74	67	67	....
	Minimum	59	46	50	51	47	47	47	55	59	56	48	49	54	55	51	56	54	64	69	64	67	68	67	66	64	59	54	49	44	44	....	....
Osceola	Maximum	74	76	69	59	68	75	80	79	80	74	83	87	81	91	91	74	76	77	82	87	89	88	89	89	87	91	82	71	61	65	....	....
	Minimum	38	50	55	52	56	45	47	53	63	55	56	55	60	60	58	53	57	66	70	62	66	67	69	63	66	67	66	51	45	41	....	....
Ozark	Maximum	79	71	68	70	76	75	81	72	76	75	82	87	82	87	90	86	90	91	90	90	92	91	92	88	90	86	71	77	61	67	....	....
	Minimum	41	53	54	53	41	49	56	59	55	52	46	52	58	55	53	60	56	61	70	66	68	68	64	61	57	61	49	47	36	....	....	....
Pine Bluff	Maximum	78	80	80	71	67	68	76	77	75	76	79	81	75	82	87	80	84	92	82	93	95	92	92	91	86	89	80	77	72	70	....	....
	Minimum	44	51	52	52	49	51	51	59	61	51	50	53	58	53	58	60	61	63	67	63	67	67	67	65	63	69	67	56	47	42	....	....
Pocahontas	Maximum	72	70	68	62	70	76	77	78	79	77	84	84	79	87	88	74	74	85	84	84	84	85	85	86	85	85	68	62	52	....	....	....
	Minimum	44	43	50	50	45	46	56	54	60	55	56	56	58	58	53	53	53	58	60	60	63	66	61	64	63	56	52	47	42	40	....	....
Portland	Maximum	75	80	79	73	75	76	79	82	81	76	82	85	85	87	92	87	90	84	85	87	91	90	91	90	88	94	85	79	73	70	....	....
	Minimum	43	43	60	54	50	49	49	61	65	57	48	48	56	58	62	59	58	64	66	64	67	65	67	64	64	58	67	56	54	43	....	....
Prescott	Maximum	72	76	75	67	64	68	78	77	80	79	75	82	81	85	87	87	79	87	87	84	88	87	86	86	85	83	78	72	68	60	....	....
	Minimum	42	55	63	52	50	49	51	55	55	55	49	55	54	57	55	57	62	59	64	63	68	67	65	64	64	60	57	59	44	40	....	....
Risou	Maximum	77	77	79	72	71	77	80	82	79	75	83	86	83	89	94	84	90	93	84	87	91	90	....	91	85	89	84	75	70	67	....	....
	Minimum	44	52	51	53	48	49	52	57	57	53	50	51	57	60	57	60	60	61	65	63	66	65	....	66	63	57	65	55	44	38	....	....
Rogers	Maximum	73	72	65	66	73	74	78	79	71	71	79	85	80	84	87	75	86	87	86	84	87	86	85	80	79	77	75	61	59	56	....	....
	Minimum	50	52	52	48	44	46	55	55	57	50	43	50	61	53	51	51	61	64	64	64	64	68	68	65	57	52	51	45	38	33	....	....
Searcy	Maximum	75	72	68	70	71	72	78	81	80	75	73	85	82	88	92	91	83	88	82	86	86	87	88	88	86	90	89	79	69	65	....	....
	Minimum	39	43	48	45	46	47	44	54	54	51	46	45	49	53	54	56	51	57	66	58	64	67	62	63	61	55	56	47	40	40	....	....
Stuttgart	Maximum	73	77	73	63	71	75	79	83	79	74	83	87	82	88	92	80	77	85	89	86	90	85	90	90	87	86	80	75	69	66	....	....
	Minimum	40	39	51	52	45	48	48	59	61	55	48	51	58	58	56	57	59	62	66	63	65	67	66	65	61	59	60	55	46	40	....	....
Subiaco	Maximum	75	67	69	75	84	79	81	....	77	....	....	....	....	....	84	88	93	81	93	93	91	94	93	92	91	82	78	73	67	....	....	....
	Minimum	54	55	49	47	53	50	53	....	56	....	....	....	....	....	59	56	55	60	58	63	69	64	70	69	72	69	61	57	42	40	....	....
Texarkana	Maximum	74	81	71	70	71	72	78	80	83	73	83	85	83	32	96	85	83	88	84	85	90	88	89	89	84	83	79	70	62	68	....	....
	Minimum	47	48	60	54	53	52	50	62	55	52	53	59	57	54	56	61	62	63	64	61	64	63	65	63	62	63	61	60	42	37	....	....
Warren	Maximum	75	79	80	76	73	75	80	83	79	77	83	82	88	88	89	80	89	89	85	85	90	89	88	88	86	88	89	77	72	66	....	....
	Minimum	42	51	56	54	47	48	50	60	62	56	51	51	57	61	59	60	60	79	65	63	69	67	67	66	66	59	69	56	50	41	....	....
Wynne	Maximum	74	71	71	60	70	75	79	82	80	73	81	79	84	82	85	90	80	90	81	87	90	89	88	90	89	90	79	73	71	67	....	....
	Minimum	38	45	54	54	45	51	46	57	61	52	45	53	56	55	53	53	53	63	62	64	68	67	66	64	65	66	58	51	42	39	....	....

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist.

VOL. XXX LITTLE ROCK, ARK., MAY, 1925 No. 5

GENERAL SUMMARY

The dry weather which characterized the year 1924 continues thus far into 1925. The average precipitation for May was 1.88 inches which is, with the exception of May, 1911 when the average was only 1.11 inches, the least on record for this month. The total precipitation for the State from January 1st to May 31st, 1925 has been 12.24 inches which is 9.87 inches less than normal. Arkansas' climatological history dates from January 1st, 1891 and during the 35 years elapsed since that time, the present year has thus far been the driest on record. For the three spring months, March, April, and May, the total, 6.19 inches, is the least on record, this total being 2.95 inches less than the previous dry spring of 1916.

Arkansas experienced a wide range in temperature during the month, 102° at Helena on the 30th equaling the highest on record for May and 26° at Dutton on the 1st being within 2° of the lowest on record. There were two distinctly cold periods during the month, one at the opening and the other the 25th and 26th. During the latter period near record low temperatures for so late in the spring were recorded at numerous stations. Killing frost occurred at a few northwestern stations on the 1st and 2d, but damage was slight.

Although the weather was too dry for corn, oats, meadows, and pastures, the cotton crop made excellent progress except in some north central and northeastern sections where some seed did not germinate promptly owing to the dry weather. At the close of the month chopping was well along throughout the State. Farm work was ahead of the average season. All streams were at low stages during the month, the Arkansas at Little Rock reaching the lowest May stage on record.

A hail storm struck a small section west and north of Rogers on the 13th doing considerable damage over an area about two miles wide and four miles long. Gardens, strawberries, and orchards suffered considerably. On the 17th a section one half mile wide and one mile long near Arkadelphia was struck by a heavy hail storm. The ice pellets were small but fell very thick and in places were piled ten inches deep. In this section all crops were ruined. W. C. H.

TEMPERATURE

The mean temperature, as determined from the records of 54 stations, was 68.0°, or 1.2° below normel, practically all sections showing negative departures. The highest monthly mean temperature was 71.7° at El Dorado, the lowest 61.9° at Dutton, making a range in mean temperature between the northwestern and southern sections of the State of 9.8°. Extremes ranged from 26° at Dutton on the 1st to 102° at Helena on the 30th. The average number of days with maximum temperature of 90° or above was 7.

PRECIPITATION

The average precipitation, as determined from the records of 80 stations, was 1.88 inches which is 3.24 inches below normal, all stations for which normals have been computed showing negative departures except Rison. Monthly totals ranged from 0.25 inch at Searcy to 5.58 inches at Yancopin. The greatest amount measured in 24 consecutive hours was 3.71 inches at Yancopin on the 11th. The average number of rainy days was 4.

CORRECTION

Mena June 30, 1924. Maximum temperature should be 76. Minimum should be 62. Precipitation should be 0.90 inch. Monthly mean maximum should be 80.8. Monthly mean minimum should be 68.0. Monthly mean temperature should be 78.9. Departure from normal temperature should be + 2.5. Monthly precipitation total should be 3.57 inches. Departure from normal precipitation should be — 1.27 inches. Number of rainy days should be 8. Annual precipitation total should be 33.35 inches. Departure from normal annual precipition should be — 16.93. Annual number of rainy days should be 90.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 3d, 2; 4th, 2; 8th, 1; 9th, 15; 10th, 12; 11th, 4; 13th, 22; 14th, 4; 15th, 3; 16th, 11; 17th, 3; 20th, 3; 21st, 6; 22d, 1; 23d, 10; 24th, 20; 26th, 1; 28th, 1; 30th, 13; 31st, 2.

Dense fog:- 10th, 3; 14th, 1; 19th 1.

Solar Halos:- 2d, 1; 5th, 1; 7th, 1; 13th, 1; 27th, 2; 31st, 1.

Lunar Halos:- 2d, 1; 17th, 1.

Killing Frost:- Eureka Springs, Gravette, Mount Ida, 1st; Dutton, Pindall, 1st and 2d.

Heavy Hail:- Rogers 13th; Arkadelphia, 17th. Considerable damage.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville..	30.00	30.25	26	29.68	3	3,475	26	.	16	.....	.....	64
Fort Smith...	29.97	30.24	26	29.64	23	5,037	39	n	23	77	54	70
Little Rock	29.97	30.23	26	29.63	24	5,435	48	n.	13	70	47	65
Memphis....	29.99	30.21	27	29.63	21	4,236	28	sw.	16	69	51	73

COMPARATIVE DATA FOR APRIL

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Monthly average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
Means† and Extremes	69.2		102	24	5 12		13	10	8	8
1891.....	67.0	−2.2	97	36	2.78	−2.34	15	9	7	7
1892.....	67.8	−1.4	100	32	9.52	+4.40	8	11	12	13
1893.....	68.6	−0.6	94	38	9.71	+4.59	14	8	9	11
1894.....	70.1	+0.9	95	35	3.40	−1.72	12	12	7	7
1895.....	69.0	−0.2	97	36	3.91	−1.21	13	11	7	8
1896.....	71.3	+5.1	98	46	3.54	−1.58	15	10	6	7
1897.....	68.3	−0.9	98	33	2.13	−2.99	17	9	5	5
1898.....	72.1	+2.9	100	30	6.44	+1.32	16	9	6	7
1899.....	72.9	+3.7	96	44	6.45	+1.33	10	12	9	10
1900.....	69.3	+0.1	97	37	3.69	−1.43	12	12	7	9
1901.....	68.2	−1.0	100	31	2.95	−2.17	12	13	6	7
1902.....	73.2	+4.0	100	42	4.34	−0.78	12	12	7	8
1903.....	67.5	−1.7	96	24	7.47	+2.35	9	11	11	12
1904.....	67.1	−2.1	98	31	3.29	−1.73	13	12	6	8
1905.....	70.7	+1.5	98	38	9.58	+4.46	9	11	11	12
1906.....	68.8	−0.4	100	28	4.71	−0.41	15	8	8	8
1907.....	63.8	−5.4	91	31	9.48	+4.36	7	13	11	13
1908.....	70.0	+0.8	96	30	7.05	+1.93	8	13	10	10
1909.....	67.0	−2.2	92	28	6.76	+1.64	14	9	8	10
1910.....	66.0	−3.2	95	31	6.56	+1.44	12	10	9	11
1911.....	70.8	+1.6	101	26	1.11	−4.01	19	10	2	3
1912.....	69.9	+0.7	98	32	2.41	−2.71	15	11	5	6
1913.....	69.5	+0.1	99	35	3.52	−1.80	16	10	5	7
1914.....	69.5	+0.3	97	34	3.34	−1.78	12	13	6	6
1915.....	69.9	+0.7	101	34	5.58	+0.46	12	9	10	9
1916.....	71.6	+2.4	99	34	3.56	−1.56	18	7	6	6
1917.....	63.5	−5.7	97	31	3.15	−1.97	15	7	9	6
1918.....	72.2	+3.0	102	29	3.01	−2.11	17	8	6	4
1919.....	66.8	−2.4	96	28	6.01	+0.89	9	9	13	12
1920.....	70.8	+1.6	96	39	8.17	+3.05	11	9	11	12
1921.....	69.7	+0.5	99	29	2.25	−2.87	18	8	5	5
1922.....	70.8	+1.6	100	40	5.00	−0.12	12	10	9	11
1923.....	67.2	−2.0	98	27	8.24	+3.12	11	8	12	12
1924.....	64.6	−4.6	94	30	4.64	−0.48	15	8	8	8
1925.....	68.0	−1.2	102	26	1.88	−3.24	17	7	7	4

†Based on 29 years record.

Climatological Data for May, 1925

Stations	Counties	Elevation, feet	Temperature (Degrees Fahrenheit)								Precipitation, inches				Number of days				Prevailing direction of wind	Observers
			Length of record, years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	30	69.0	− 0.4	94	30	38	2	40	1.55	−4.07	0.60	0	4	20	2	9	e.	G. C. Thrash.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	1.41	−4.01	0.75	0	3	7	0	24	n.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	3.46	−1.12	1.60	0	5	19	5	7	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.40	0	3	14	15	2	nw.	J. D. Reeves.
Batesville	Independence	277	25	65.0	− 2.8	94	21†	36	26	44	0.56	−4.33	0.36	0	4	17	3	11	ne.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	32	67.2[b]	− 1.4	97	30	36[c]	20	50[c]	0.45	−4.36	0.45	0	1	14	12	5	n.	J. E. Scanlan.
Bentonville	Benton	1303	19	63.7	− 2.7	89	15	36	1	33	1.58	−3.64	0.85	0	7	14	10	7	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	1.09	−3.84	0.87	0	3	19	2	10	.....	Vernon C. Howe.
Brinkley	Monroe	205	37	69.8	− 0.2	97	30	39	1	43	1.37	−3.46	0.61	0	5	21	6	4	n.	H. L. D. Whitson.
Calico Rock	Izard	361	20	64.4	− 2.5	95	22	34	25	44	1.74	−2.71	0.53	0	8	12	13	6	s.	W. J. Capp.
Camden	Ouachita	158	39	68.8	− 2.4	95	30	35	1	45	1.26	−3.18	0.77	0	5	15	11	5	n	A. B. Quarterman
Center Point	Howard	470	25	71.0	0.0	93	21	41	1	35	2.27	−4.01	1.10	0	5	17	5	9	se.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	1.78	−3.28	0.55	0	5	13	3	15	nc.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	0.65	.....	0.40	0	2	17	12	2	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	41	68.8	− 1.3	95	21	38	26	43	1.12	−3.61	0.64	0	2	22	8	1	s.	E. E. Cordrey.
Corning	Clay	293	31	64.6	− 3.9	93	21†	38	25	52	1.00	−3.36	0.77	0	4	24	6	1	sw.	Winfred D. Polk.
Dam No. 1 ††‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.65	−1.16	1.75	0	3	15	0	16	s.	C. P. Evans.
Dardanelle	Yell	330	38	71.6	+ 2.0	97	23	46	1	38	0.94	−4.56	0.72	0	2	18	2	11	s.	J. D. Riley.
Dumas	Desha	162	18	70.4	− 1.8	95	29	36	2	42	3.16	−2.06	1.62	0	6	12	16	3	n.	Ben Johnson.
Dutton	Madison	1590	21	61.9	− 2.2	88	29†	26	1	42	1.87	−4.57	1.01	0	7	16	8	7	s.	J. M. Ricketts.
El Dorado	Union	270	23	71.7	+ 0.7	97	30	42	2	40	2.72	−1.83	1.96	0	4	14	10	7	ne.	J. J. Babb.
England	Lonoke	229	17	69.2[a]	− 0.9	95[a]	29	40[a]	1†	46[a]	1.98	−2.11	1.25	0	6	18[a]	6[a]	6[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	64.3	− 2.5	89	29	35	1	39	1.69	−4.14	0.56	0	7	10	17	4	n.	Geo. W. Nicholds.
Evening Shade	Sharp	340	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. C. Price.
Fayetteville	Washington	1451	37	64.4	− 1.8	88	23†	35	1	36	0.85	−4.76	0.50	0	4	16	0	15	s.	University of Arkansas.
Fort Smith	Sebastian	481	42	68.5	− 1.2	92	30	43	1	32	1.44	−3.47	0.57	0	8	12	8	8	e.	U. S. Weather Bureau.
Freeman Springs	Polk	2240	1	.....	.....	.....	.....	.....	.....	.....	0.40	.....	0.27	0	4	16	14	1	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	1.85	−2.72	1.10	0	5	15	8	8	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	1.90	−2.63	1.20	0	3	17	4	10	s.	W. R. Owens.
Gilbert	Searcy	675	1	.....	.....	.....	.....	.....	.....	.....	0.81	.....	0.36	0	5	12	10	9	.....	Ben F. Battenfield.
Grannis	Polk	900	6	67.9	.....	98	16	39	1	34	1.22	.....	0.58	0	5	20	8	3	w.	W. E. Mc Vay.
Gravette	Benton	1250	27	63.1	− 2.5	87	22†	27	1	39	2.22	3.30	1.12	0	4	15	5	11	sw.	A. F. Stevens.
Harrison	Boone	1052	25	63.7	.....	92	30	34	26	43	2.29	−2.80	0.83	0	7	15	9	7	.....	G. L. Wright.
Helena	Phillips	193	52	71.0	+ 0.2	102	30	42	1	43	2.32	−2.17	1.24	0	5	17	1	13	n.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	0.38	.....	0.38	0	1	15	15	1	s.	J. A. Ingram.
Hope ††‡‡	Hempstead	377	53	68.9[f]	+ 1.3	93[f]	21†	40[f]	1†	42[f]	2.51	−2.70	1.34	0	3	15[e]	7[e]	4[e]	n.	N. P. O'Neal.
Hot Springs	Garland	600	33	65.6	− 1.2	92	30	38	1	39	3.70	−1.95	2.26	0	5	16	9	6	.....	P. P. Patraw.
Huttig	Union	175	17	71.4[b]	− 0.8	97[b]	31	39[b]	2	42[b]	0.92	−5.05	.....	0	.....	20	5	6	se.	J. L. Collett.
Jonesboro	Craighead	345	29	68.2	− 1.6	97	31	41	25	36	0.64	−3.59	0.50	0	3	22	7	2	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	30	70.8	− 1.0	99	30	34	1	48	2.54	−2.02	1.54	0	3	22	5	4	w.	J. A. Lowderback.
Lambrook	Phillips	155	2	68.4	.....	98	31	35	1	47	2.79	.....	1.83	0	3	16	5	10	.....	G. A. Newton.
Little Rock	Pulaski	399	45	69.1	− 1.2	92	30	44	1	30	1.42	−3.68	0.60	0	4	10	12	9	s.	U. S. Weather Bureau.
Lutherville ††‡‡	Johnson	775	27	67.3	− 1.0	92	29†	39	1	35	0.64	−4.43	0.40	0	6	20	7	4	sc.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	2.60	.....	1.37	0	5	.....	.....	.....	.....	P. T. Simons.
Magnolia	Columbia	315	6	70.6	.....	95	22†	39	1	45	1.05	.....	0.50	0	4	11	14	6	n.	State Agri. School.
Malvern	Hot Springs	277	37	69.8	− 0.1	95	18†	38	2	45	2.37	−2.23	1.63	0	3	24	3	4	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	63.2	− 3.0	86	21	37	26	50	0.93	−3.37	0.31	0	7	7	17	7	n	F. M. Daniel.
Marianna	Lee	235	16	69.3	− 0.9	95	30	43	5†	37	2.2[c]	−2.70	1.14	0	4	13	15	3	sw.	C. N. Houck.
Marked Tree	Poinsett	229	19	68.6	.....	97	29†	34	26	52	0.92	−3.77	0.76	0	5	18	12	0	se.	Charles Walton.
Marshall	Searcy	1070	10	65.4	− 1.8	91	21†	35	1	40	2.76	−3.36	1.47	0	5	20	6	5	n	A. J. Park.
Mena	Polk	1185	38	67.6	− 1.3	91	30	38	1	37	1.51	−4.96	0.88	0	7	17	8	6	w.	E. W. St. John.
Morrillton ††‡‡	Conway	347	3	.....	.....	.....	.....	36[a]	1	.....	1.05	.....	0.45	0	4	21[a]	3[a]	6[a]	s.	Henry Harless.
Mountain Home	Baxter	800	11	64.2	− 1.7	93	21†	36	25†	40	1.27	−4.19	0.35	0	6	11	4	16	w.	B. S. Halbert.
Mount Ida	Montgomery	650	25	67.0	− 1.3	93	29	32	1	45	3.08	−2.74	1.96	0	5	18	4	9	w.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	1.66	−1.88	0.46	0	4	14[b]	13[b]	2[b]	.....	Henry A. Davis.
Newport	Jackson	231	40	69.1	− 0.9	98	29	42	26	41	1.35	−2.92	0.70	0	4	20	8	3	s.	W. S. Foushee.
Osceola	Mississippi	240	26	67.6	− 2.0	95	22	43	25	38	2.85	−1.93	2.31	0	4	13	12	6	s.	June Thomason.
Ozark	Franklin	450	28	66.6[c]	− 3.8	93[c]	22†	36[c]	1	35[c]	2.38	−3.16	1.30	0	5	13[i]	4[i]	5[i]	.. ..	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	..	0.98	−3.69	0.58	0	3	24	0	7	s	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	2.16	.....	1.05	0	5	22	6	3	ne.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	1.48	.. ..	0.66	0	7	13	11	7	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	71.6	− 0.4	97	29†	42	1	39	3.26	−1.32	1.68	0	5	19	5	7	sw.	Miss Theresa Scher.
Pocahontas	Randolph	300	30	66.7	− 1.9	95	30	40	2†	39	2.60	−2.49	1.04	0	6	13	10	8	n.	Benedictine Sisters.
Portland	Ashley	122	18	71.6	+ 0.3	96	30	38	2	41	1.89	−4.45	1.17	0	5	16	11	4	s.	W. E. Edmiston.
Prescott	Nevada	329	36	69.8	− 0.4	96	31	39	2	41	2.60	−2.40	1.38	0	5	17	7	7	sw.	C. D. Calhoun.
Princeton	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	2.82	−2.37	1.92	0	3	21	0	10	se.	Foote Coleman.
Rison	Cleveland	243	23	70.2	− 0.8	96	30	40	1†	41	4.35	+0.68	3.30	0	3	10	17	4	s.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	63.8	− 2.3	88	21†	32	1	37	2.93	−2.25	1.73	0	4	10	16	5	s.	Carl A. Starck.
Searcy	White	236	11	68.2	− 0.5	98	30	36	1	46	0.25	−4.60	0.20	0	2	22	8	1	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	3.05	−1.19	1.78	0	6	17	6	8	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	3.12	.....	2.09	0	4	22	8	1	s.	S. C. Story.
Stuttgart	Arkansas	228	37	69.0	− 0.9	95	30	37	1	41	3.30	−1.39	1.20	0	5	17	12	2	n.	Adam F. Buerkle.
Subiaco	Logan	1050	27	69.5	− 0.5	96	30	41	1	38	1.19	−4.39	0.71	0	5	21	4	6	s	New Subiaco Abbey.
Texarkana	Miller	332	39	70.4	− 1.2	93	21†	37	1	40	3.77	−0.33	1.95	0	5	19	5	7	s.	H. S. Brashear.
Thornburg	Perry	350	1	.....	.....	.....	.....	.....	.....	.....	0.62	.....	0.25	0	5	21	8	2	n.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	1.28	.....	0.26	0	7	12	7	12	ne.	Dr. Cheves Bevill.
Warren	Bradley	206	28	70.7	− 0.3	94	30	44	26	38	1.88	−2.71	1.10	0	2	23	3	5	n.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	1.68	.....	0.78	0	3	19	11	1	sw.	J. R. Hudleston.
Whitecliffs	Little River	290	20	.....	.....	.....	.....	.....	.....	.....	2.36	−2.54	0.81	0	3	18	4	9	sw.	Nannie O. Schirmer.
Wynne	Cross	250	18	68.6	− 1.8	96	30	37	1	39	1.46	−3.00	0.85	0	4	22	2	7	n.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	5.58	.....	3.71	0	5	16	2	13	.....	W. E. Barton.
State Means and Extremes				68.0	− 1.2	102	30	26	1	52	1.88	−3.24	3.71	0	4	17	7	7	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post-office addresses as follows:- Junction, Randolph, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily River Stages for May, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.2	12.4	10.8	9.9	8.8	8.1	7.6	7.4	6.9	6.5	6.8	7.2	10.8	10.6	10.7	9.9	8.9	11.5	9.4	7.8	9.1	8.5	7.8	6.9	6.9	6.4	6.2	6.0	6.4	6.2	5.9
Dardanelle	do	20	13.0	11.6	10.0	8.4	7.0	6.5	5.7	5.0	4.7	4.3	4.3	3.9	4.4	7.8	7.7	7.4	6.5	6.1	6.7	7.3	5.5	5.6	5.9	5.2	4.6	3.9	3.5	3.4	3.5	3.9	3.7
Little Rock	do	23	11.4	12.0	10.8	9.0	7.2	5.9	4.8	3.8	3.0	2.2	1.9	1.8	1.5	1.6	2.8	5.0	5.5	5.0	4.4	3.6	5.0	4.1	2.9	3.2	3.0	2.4	1.6	0.9	0.7	0.5	0.7
Pine Bluff	do	25	13.2	14.9	15.0	13.8	12.3	11.0	9.8	8.8	7.8	7.2	6.9	6.3	5.9	6.0	6.1	7.2	9.4	9.8	9.3	8.5	7.9	9.3	8.3	7.3	7.3	7.2	6.2	6.0	5.5	5.2	5.0
Yancopin	do	14	11.7	18.6	20.4	20.7	20.0	19.3	18.5	17.6	16.7	16.0	15.6	15.1	14.6	14.3	14.0	13.8	13.9	15.2	15.6	15.3	14.7	14.4	15.2	15.4	15.3	15.2	14.9	14.0	13.0	12.1	10.4
Danville	Petit Jean	30	4.9	4.6	4.6	4.4	4.2	4.1	3.8	3.7	3.3	2.8	2.9	3.8	4.1	3.7	3.5	3.4	3.3	2.8	2.5	2.3	2.1	2.0	1.8	1.8	1.6	1.6	1.6	1.5	1.5	1.4	1.4

Continued on next page.

Daily River Stages (Continued)

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rk Beach, Mo	White		7.5	5.5	5.0	4.7	4.0	3.6	3.6	2.0	1.2	3.0	2.9	1.4	3.4	2.9	3.7	3.9	2.9	2.7	2.5	1.5	1.6	1.9	0.4	0.0	0.0	0.0	1.3	2.2	2.0	0.0	1.0
ico Rock	do	18	12.0	9.5	7.1	6.0	5.2	4.6	4.1	3.8	3.5	2.8	2.5	3.1	2.8	2.0	2.6	2.5	2.4	2.7	2.8	2.2	2.2	1.7	1.6	1.5	1.3	1.1	0.8	1.0	0.8	1.2	1.1
esville	do	23	19.5	17.9	14.5	12.6	11.3	10.6	10.0	9.5	9.2	8.7	8.4	8.5	8.4	8.2	7.8	7.9	7.9	7.9	8.1	7.9	7.6	7.4	6.9	6.7	6.5	6.2	6.0	5.8	5.8	5.5	6.0
wport	do	26	21.8	21.2	19.6	17.6	15.1	12.8	10.8	9.0	8.0	7.2	6.3	5.8	5.7	5.4	4.8	4.8	4.5	4.4	4.4	4.4	4.0	4.0	3.9	3.5	3.3	3.0	2.8	2.6	2.0	1.9	2.1
rgetown	do	22	16.0	16.8	17.4	17.8	18.2	18.2	17.8	17.0	16.0	14.8	13.4	12.0	10.8	9.8	9.0	8.0	7.2	6.8	6.4	6.0	5.8	5.6	5.4	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.6
rendon	do	30	16.9	18.3	19.3	20.0	20.5	21.0	21.4	21.8	22.0	22.2	22.3	22.1	21.6	21.0	20.1	19.1	17.8	16.7	15.7	14.8	14.1	13.6	13.2	12.9	12.5	12.1	11.8	11.4	11.0	10.6	10.3
bert	Bufalo	30	6.6	6.9	5.7	5.4	5.1	4.9	4.7	4.6	4.5	4.5	4.4	4.4	4.4	4.3	4.2	4.2	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5
rning	Black	..	9.3	9.7	10.0	10.0	9.8	9.5	9.1	8.7	8.4	8.2	8.0	7.8	7.8	8.0	8.1	8.0	7.8	7.6	7.4	7.2	7.1	7.0	6.9	6.8	6.6	6.5	6.4	6.3	6.3	6.3	6.2
k Rock	do	14	7.5	7.4	6.8	6.2	6.0	5.8	5.4	5.0	4.8	4.8	4.6	4.1	4.1	4.0	4.0	3.8	3.7	3.7	3.6	3.5	3.4	3.4	3.3	3.3	3.0	3.0	3.0	2.8	2.8	2.7	2.7
tterson	Cache	9	5.0	5.0	4.9	4.7	4.5	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.9
radelphia	Ouachita	18	0.8	0.4	0.5	†0.1	0.1	0.2	0.0	†0.4	†0.2	†0.1	0.0	1.2	1.8	1.8	1.7	1.8	1.8	1.0	1.5	1.2	0.6	†0.1	†0.5	†0.6	†0.7	†0.5	†0.4	†0.4	†0.4	†0.5	†0.6
nden	do	49	3.9	5.5	5.8	5.8	5.3	5.2	5.1	5.1	5.0	5.0	5.1	5.2	5.8	7.8	7.6	7.5	7.2	7.0	6.6	6.2	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.1	5.0	5.3	5.4
tton	Red	28	23.0	23.1	21.8	19.6	17.6	15.6	14.0	12.7	11.9	11.2	10.7	10.1	9.9	13.3	15.6	16.6	16.6	17.0	17.7	18.3	17.7	16.1	14.5	13.2	12.2	11.7	11.0	10.2	10.0	9.8	9.5
ringbank	do	..	25.9	26.5	26.0	24.5	23.5	20.5	19.0	17.7	16.7	16.3	16.1	16 0	15.5	15.0	18.0	20.0	21.0	21.5	21.8	23.1	23.4	22.4	21.1	20.3	19.6	18.1	17.3	16.5	15.7	15.0	14.6
nitecliffs	Little Rock	..	20.4	20.0	18.3	16 0	12.0	10 8	7.2	4.0	3.2	3.0	3 0	2.6	2.2	5.2	6.6	7.1	6.6	7.0	6.7	5.4	4.2	3.8	3.8	3.0	2.4	2.1	1.8	1.5	1.2	1.0	1.0
rked Tree	St. Francis	..	6.5	6.6	6.7	6.8	6.7	6.5	6.3	6.1	5.9	5.8	6.2	6.3	6.3	6.3	5.9	5.8	5.6	5.5	5.4	5.2	5.0	4.9	4.8	4.8	4.7	4.6	4.4	4.2	4.1	4.6	4.1
lena	Mississippi	42	15.1	15.8	17.3	18.9	19.8	20.3	20.1	19.7	19.1	18.8	18.6	18.5	18.4	18.2	18.0	17.7	17.4	17.1	16.9	17.2	18 1	19.4	20.6	21.3	21.4	20.9	20.6	18.7	17.2	15.6	14.1
kansas City	do	48	18.6	19.0	20.8	22.6	23.9	24.9	25.3	25 2	24.8	23.8	23.0	22 8	22.7	22.6	22.4	22.2	22.0	21.9	21.8	21.7	21.7	22.0	22.8	23.7	24.7	25.0	25.6	24.1	23.1	21.7	20.2

† Below zero of gage.

Daily Precipitation for May, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita									.25	.20			..	..			.60	..						.50								1.55
rkadelphia	Ouachita										.41	.75													.25								1.41
rkansas City	Mississippi								.03		1.60	1.42			.15										.26								3.46
rlberg	White													.40										.15							.25		0.80
atesville	White			.06				T.	T.	T.	.12				.36										T.							.02	0.56
ee Branch	Arkansas													.45											T.								0.45
entonville ***	Arkansas								.18	.76				.25							.02			.25			.02	.10				1.58
lack Rock	White			T.	.17					T.	.87																				.05	1.09
rinkley	White			T.	.61			T.			.38	.16	.06		.16																		1.37
alico Rock	White		..	.06					.01	.10	.31			T.	.45		.03	T.			..				.25			T.			.53	1.74
amden	Ouachita						.04	.04	.77		.13														.28								1.26
enter Point	Red		..		T.		T.		.13	1.10	.04							.23							.77								2.27
larendon	White						T.			.55	.48	.20		.50											.05								1.78
linton	White							T.	T.					.40											T.					.25		0.65
onway	Arkansas									.48				.61																		1.12
orning	White		.11	.04							.08				.77																		1.00
am No. 1	White																													T.			
anville	Arkansas							T.		T.	1.75			.52											.38								2.65
ardanelle	Arkansas										.72			.22																			0.94
umas	Arkansas			T.			T.	T.		.45	.63	1.62		.29	.04										.13				T.			T.	3.16
utton	White								.12	.08	.08			1.01			.25	.03							.30								1.87
l Dorado	Ouachita							T.	.17		1.96	.12													.47								2.72
ngland	Arkansas									.32	.12	1.25		.23											.05					.01			1.98
ureka Springs	White			.05					.15	.56				.45	.03										.33					.12			1.69
vening Shade	White																																
ayetteville	White								.13	.50				.10				.13				T.		.33					.01				1.44
ort Smith ***	Arkansas						T.		.29	.05	.33	.29	.01		.27			.07				.04			.2					T			0.40
reman Springs	Arkansas								T.																.45								1.85
ulton	Red							.12	.08		1.10	.10																					1.90
eorgetown	White			T				T.			1.20	.40			.30														T.			0.81
ilbert	White			T.	T.			T.	T.	.13	.13			T.	.36		.06								13								1.22
raunis	Red				.10					.04	.58							.26							.24	T.							2.22
ravette	Arkansas								.23	1.12	..				T.										60				27				2.29
arrison	White		T.					.2	.19	.22				.83		.15								.20						.50			2.32
elena	Mississippi				T.	T.		T.	T.		1.24	.08	.81		.12									T.	.04					T.			0.38
igden	White		T.											.38																			2.51
ope	Red					T.	T.			1.34	.37														.80								3.70
ot Springs	Ouachita						T.		T.	.73	.11	2.26		.07											.53								0.92
utting	Ouachita								.10	†	†	.65													.07								0.64
onesboro	White			.09							.50			.05																			2.54
unction	Ouachita						T.	.22		1.54				T.											.78								2.79
ambrook	White										.56	1.83		.40											T.				T.				1.42
Little Rock **	Arkansas			T.	T.			T.		.37	.45	.15		.45											.10						.06		0.64
ittleville	Arkansas								.02			.04		.4			.02								.04								2.65
Mcalehee	Mississippi						.02			1.37		1.10		.06																			1.05
agnolia	Red							.12		.18		.25												.50									2.37
alvern	Ouachita										.61	1.63			.13																	.03	0.93
ammoth Spg	White			.10						.08	.09				.31		.10	.22															2.23
ariana	Mississippi				.50						1.14	.52		.07																			0.92
arked Tree	Mississippi			.68	T.					T.	.76	.01			.04			.03							.21					T.			2.76
arshall	White				T.			T.	.51	.50												.25			.07				.10				1.51
ena	Ouachita										.09	.88	.11	.01	T.									.10									1.05
orrilton	Arkansas										.40			.45				.10																1.27
ountain Home	White			.07	T.				T.	T.	.31			.35				T.	.26									.03			.25		3.08
ount Ida	Ouachita									.12	1.96	.43	.11												.46								1.66
urfreesboro	Ouachita						T.	T.			.37	.46										.41			42								1,35
ewport	White			.05							.49				.20																	.70	2.85
sceola	Mississippi			.10						.01	2.31			T.			.43												T.				2.85
zark	Arkansas								55			.03		1.30			.25						.25										2.38
atterson	White										.58	.10			.30																		0.98
iggott	St. Francis			.05	.09					.77	1.05			.20											.11					.25			2.16
indall	White			.02					.05	.31				.66			.08								.01								1.48
ine Bluff	Arkansas				T.			.01			.76	1.68			.80															1.04			3.26
ocahontas	White			.18						.05	.3			.08					.15						.25								2.00
ortland	Ouachita							.11			1.17	.23													.24								1.89
rescott	Ouachita				T		.03	.04		1.38	.91								T.														2.60
rinceton	Ouachita										1.92	.70							.20														2.82
ison	Ouachita									.88	3.30				.15																		4.33
ogers	Arkansas								.34	.54				1.73							T.				.32								2.93
earcy	White			T.	T.					.05				.20											T.	T.							0.25
pringbank	Red							.22	.31	.03	1.78	.04	T.		T.										.67								3.05
tory	Ouachita									.10	2.09			.39											.54								3.12
uttgart	Arkansas									.50	.60	1.20		.97	.03																		3.30
ublaco	Arkansas							T.	.08			.31	.04	.71											.05								1.19
exarkana	Red							.10	.25		.75	1.95													.72								3.77
hornburg	Arkansas									.15	.02	.20		.25											.01								0.63
aldron	Arkansas									.04	.21	.24	.26		.12			T.							.21				.20				1.28
arren	Ouachita									.48	1.40														T.								1.88
hitecliffs	Red										.80	.75													.81								2.36
aters	Ouachita									.60	.78														.30								1.68
ynne	Mississippi			T.					T.		.85	.28	T.		.13										.12							.20	1.46
ancopin	Arkansas										1.57	3.71	.03	.15																			5.58

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. †† For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
† Included in next measurment.

Daily Temperatures for May, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	67	74	81	74	78	70	70	79	83	80	76	79	84	84	87	90	85	77	81	87	93	91	92	87	70	79	84	86	93	94	92	82.2
	Minimum	39	38	52	61	45	52	58	53	59	62	68	57	58	60	64	65	65	60	51	47	55	58	63	63	49	43	47	55	62	62	62	55.7
Batesville§§	Maximum	68	73	82	71	73	71	69	73	84	80	75	78	77	82	86	90	77	63	79	82	94	94	92	85	67	73	77	84	92	93	92	79.9
	Minimum	41	41	42	55	40	42	50	48	51	58	61	46	49	54	51	56	62	55	43	42	50	56	59	57	42	36	40	49	54	59	61	50.1
Bee Branch	Maximum	70	78	86	82	77	76	73	79	86	82	77	82	81	81	86	92	87	78	80	86	95	95	95	92	82	76	80	82	94	97	95	84.9
	Minimum	38	49	47	55	39	46	50	52	57	55	58	48	51	53	58	56	55	49	39	36	45	46	45	48	....	....	....	55	57	63	62	50.5
Bentonville	Maximum	63	71	81	64	69	67	67	68	74	70	67	75	75	74	89	81	61	69	77	81	86	87	88	73	62	70	72	78	86	88	86	74.8
	Minimum	36	38	56	48	45	46	53	52	58	60	56	51	58	55	60	57	51	49	44	54	64	60	60	46	40	39	51	57	59	64	64	52.6
Brinkley	Maximum	71	77	88	81	86	76	74	85	88	81	73	80	81	82	92	92	82	75	81	87	93	94	94	93	84	76	82	90	95	97	95	84.5
	Minimum	39	43	51	61	42	48	57	52	60	61	62	50	54	57	58	69	67	55	47	44	56	63	66	64	45	42	43	58	59	63	65	55.0
Calico Rock§§	Maximum	68	74	83	71	74	71	67	66	85	76	75	81	81	81	81	89	61	63	80	84	90	95	93	81	60	74	77	82	91	94	92	78.8
	Minimum	37	39	43	55	40	43	48	52	55	58	53	50	51	57	54	54	59	55	40	45	46	57	59	60	34	38	43	49	56	57	62	50.0
Camden§§	Maximum	72	78	86	80	80	74	66	82	82	84	77	82	84	87	93	93	90	76	80	89	93	93	93	89	68	77	83	90	93	95	92	83.9
	Minimum	35	36	46	57	39	46	53	54	57	61	61	55	57	60	63	66	64	59	48	44	53	57	61	63	53	42	44	52	57	60	62	53.8
Center Point	Maximum	71	77	85	76	80	70	70	80	81	83	73	77	85	85	89	91	84	79	80	89	93	91	93	88	76	77	81	87	93	92	89	82.7
	Minimum	41	45	57	63	48	58	57	56	65	61	63	58	61	62	66	67	64	60	55	54	63	65	66	64	50	48	55	62	66	69	71	59.2
Conway	Maximum	71	72	82	80	80	75	72	79	84	85	75	81	84	82	88	93	76	75	81	87	95	93	94	91	77	76	80	82	91	94	92	82.9
	Minimum	42	41	51	58	41	52	58	56	57	62	63	55	57	60	60	70	64	58	46	44	55	58	60	63	47	38	45	56	57	63	63	54.8
Corning	Maximum	76	66	71	73	77	86	86	84	89	79	83	87	84	77	88	89	88	91	92	91	93	93	91	93	93	96	96	71	84	93	91	81.6
	Minimum	41	41	44	41	51	61	51	53	56	44	42	52	50	48	49	52	50	49	40	46	47	46	49	48	38	43	46	46	48	53	56	47.7
Dardanelle	Maximum	69	77	84	85	86	85	80	86	87	88	82	84	82	84	91	92	87	88	89	90	92	94	97	89	80	80	79	81	93	95	94	86.2
	Minimum	46	48	52	54	56	57	54	56	58	60	61	56	59	57	59	62	60	58	54	52	56	62	63	60	51	53	53	56	60	64	71	57.0
Lumas	Maximum	72	78	89	78	80	79	76	88	87	84	78	81	85	82	92	94	86	72	79	89	93	94	94	90	78	76	83	91	95	94	94	84.6
	Minimum	40	36	48	64	39	51	59	54	62	65	66	55	65	60	65	68	65	58	48	48	65	68	64	67	47	43	44	53	61	61	64	56.3
Dutton	Maximum	69	70	82	69	72	68	67	67	79	70	76	71	77	77	83	81	72	73	79	79	85	85	87	80	66	72	70	78	88	88	87	76.3
	Minimum	26	30	46	49	31	38	48	51	53	54	56	48	49	51	54	58	54	53	37	42	53	54	54	53	37	32	44	47	50	53	67	47.5
El Dorado	Maximum	72	82	91	80	86	78	68	84	82	82	78	82	86	89	94	93	91	80	80	90	96	94	93	90	84	78	85	91	93	97	94	85.7
	Minimum	46	42	51	63	45	50	58	56	61	62	61	60	60	63	68	68	68	60	51	50	59	65	67	64	51	46	50	56	56	65	67	57.7
England	Maximum	70	77	86	80	80	78	72	80	85	84	76	80	84	82	90	93	85	75	80	91	....	92	93	91	80	77	81	86	95	91	92	83.5
	Minimum	49	40	54	59	40	47	56	50	58	61	61	55	56	56	61	65	66	56	47	45	....	59	63	64	50	40	45	65	69	60	62	55.0
Eureka Springs	Maximum	68	71	81	77	71	69	71	67	73	70	65	77	78	77	84	82	69	77	79	85	87	88	78	65	73	72	77	89	87	86	76.3
	Minimum	30	40	51	52	45	43	50	49	55	58	52	50	57	53	58	66	49	51	40	55	65	68	64	56	56	39	47	53	57	64	62	52.3
Fayetteville	Maximum	69	68	74	74	70	68	68	69	76	75	66	71	75	74	84	82	78	72	78	82	86	87	88	84	69	72	78	84	88	87	85	75.6
	Minimum	50	37	57	52	51	51	50	56	61	51	54	50	57	54	60	64	50	52	42	51	66	66	65	50	38	37	51	55	60	59	64	53.3
Fort Smith	Maximum	64	76	80	70	75	70	68	68	77	78	65	75	83	81	89	84	77	77	78	88	86	91	91	82	68	72	74	81	89	92	90	78.8
	Minimum	45	44	56	54	46	52	55	56	62	62	59	59	62	59	66	67	62	60	53	56	65	65	64	56	48	48	50	61	63	67	69	58.0
Grannis	Maximum	68	72	81	72	75	67	62	76	78	81	79	78	84	84	88	98	82	82	80	85	89	85	88	85	76	74	78	85	89	90	92	80.9
	Minimum	39	42	49	57	43	50	55	53	56	58	61	62	55	58	76	64	55	58	46	55	59	59	47	43	48	55	58	61	65	65	65	54.9
Gravette	Maximum	65	74	80	76	70	65	68	68	76	76	67	76	77	74	86	81	79	74	79	81	86	87	87	80	62	72	71	78	87	86	85	76.2
	Minimum	27	32	52	53	37	41	51	51	65	55	55	42	54	46	60	62	58	38	49	50	60	57	56	53	39	37	48	55	56	58	55	50.0
Harrison	Maximum	72	79	66	70	71	66	72	77	71	74	78	77	78	85	83	60	60	71	77	80	88	91	90	71	66	72	75	79	88	92	86	85	77.0
	Minimum	40	41	52	41	41	41	47	54	58	56	53	59	57	56	58	54	55	54	47	50	54	52	55	55	35	34	36	53	56	56	60	50.4
Helena	Maximum	76	81	90	81	85	76	74	95	93	89	76	84	82	90	95	97	89	82	86	90	98	98	97	98	74	80	86	96	99	102	98	87.9
	Minimum	42	49	47	54	45	45	50	57	58	61	63	53	53	54	59	59	68	57	50	47	48	61	61	65	47	44	45	54	59	61	63	51.1
Hope	Maximum	70	76	86	86	84	69	68	84	79	81	74	....	82	86	91	96	85	78	80	88	93	92	89	71	75	....	....	....	....	....	....	....
	Minimum	40	49	56	44	44	57	54	66	61	59	64	....	59	59	64	66	65	60	53	47	57	63	66	64	52	44	....	....	....	....	....	55.9
Hot Springs	Maximum	68	79	84	81	78	73	69	78	78	80	74	76	82	82	89	90	89	81	79	86	89	91	88	87	82	75	77	78	91	92	91	81.7
	Minimum	38	41	54	62	43	54	58	61	58	61	61	56	58	59	62	67	64	56	48	47	58	64	63	62	47	42	48	52	59	63	64	55.4
Huttig	Maximum	71	78	85	85	79	80	80	80	85	....	80	87	87	87	93	94	95	82	78	88	94	....	96	94	91	77	82	90	92	96	97	87.2
	Minimum	41	59	49	61	42	46	57	57	60	....	60	58	59	59	68	66	65	62	52	49	54	....	59	65	52	46	46	53	62	61	64	55.5
Jonesboro	Maximum	69	72	82	78	75	73	67	75	87	78	74	74	71	81	89	90	86	65	78	84	91	95	94	89	68	70	79	88	93	96	97	81.2
	Minimum	46	46	51	56	46	52	56	52	58	63	61	53	49	51	56	70	61	54	46	48	62	62	69	64	41	42	47	60	64	61	66	55.3
Junction	Maximum	76	81	85	84	82	75	64	86	92	80	82	89	93	97	94	84	93	82	81	92	95	95	97	91	79	78	86	92	96	99	96	87.4
	Minimum	54	56	56	61	54	46	51	56	61	57	59	61	60	63	62	63	64	52	51	48	52	58	61	63	52	44	46	52	61	63	64	51.6
Lambrook §§	Maximum	74	76	87	80	74	80	72	86	87	80	68	79	81	85	86	90	82	77	73	79	83	89	89	88	66	73	79	81	91	92	88	79.9
	Minimum	37	50	46	55	39	57	47	58	61	63	65	54	55	57	65	67	61	57	49	45	45	63	65	69	48	41	41	49	60	63	61	53.9
Little Rock	Maximum	61	74	82	72	76	71	72	79	81	81	74	78	80	87	89	89	77	73	79	83	89	89	88	88	66	73	79	81	91	92	88	79.9
	Minimum	41	49	56	59	52	55	58	56	62	63	61	56	59	58	63	68	61	54	51	53	61	66	67	58	46	56	53	60	65	70	71	58.1
Lutherville	Maximum	63	71	84	79	76	71	67	76	80	79	75	77	78	77	82	87	76	77	79	85	91	91	90	85	66	75	77	78	92	92	90	80.4
	Minimum	38	41	51	58	45	49	55	56	61	58	60	56	59	57	63	65	61	56	47	50	61	65	64	61	43	45	53	57	59	58	66	55.3
Magnolia	Maximum	60	75	86	85	80	74	68	80	86	72	81	76	83	82	90	94	91	80	82	79	92	94	95	93	86	80	78	84	92	95	95	84.1
	Minimum	39	42	49	64	45	50	57	56	60	62	64	60	62	64	66	70	67	65	52	47	58	60	64	54	46	48	52	60	64	65	64	57.1
Malvern	Maximum	72	79	84	85	84	78	78	85	85	83	77	79	84	83	91	92	85	95	82	87	90	93	93	92	85	77	81	87	95	94	92	85.2
	Minimum	50	58	49	58	39	53	57	50	60	60	63	55	59	60	66	65	64	58	48	45	54	58	59	66	49	43	46	52	60	62	64	54.5
Mammoth Spg §§	Maximum	66	72	81	68	71	69	65	66	80	75	70	76	72	78	84	86	80	58	77	84	96	95	94	81	66	71	75	83	88	91	95	77.0
	Minimum	41	39	48	58	38	44	52	52	52	56	57	42	47	52	48	54	53	51	42	42	46	56	58	59	38	37	41	54	56	60	62	49.4
Marianna	Maximum	70	76	86	86	76	76	72	81	86	86	81	79	77	82	86	90	90	90	80	83	90	92	91	90	67	73	81	89	93	95	93	83.5
	Minimum	44	45	51	62	47	49	58	54	62	64	61	54	54	58	66	69	57	56	47	48	58	62	64	56	46	43	45	58	61	63	67	55.1
Marked Tree §§	Maximum	70	80	79	79	79	71	85	88	79	79	78	78	81	90	93	79	76	81	85	91	91	95	92	68	75	86	88	93	97	95	97	83.1
	Minimum	41	47	57	49	47	54	55	57	62	67	56	48	50	53	62	65	55	47	46	56	57	62	64	44	41	34	59	60	62	64	70	54.3
Marshall	Maximum	66	74	84	77	74	71	65	86	86	77	74	78	79	76	88	86	85	67	76	81	87	91	91	87	70	72	75	78	88	90	90	78.9
	Minimum	36	39	52	58	38	41	54	50	58	57	58	50	50	56	60	61	56	53	40	46	58	60	68	58	39	36	49	55	56	59	67	52.0
Mena	Maximum	67	76	84	76	76	67	69	76	76	77	65	76	86	84	88	87	77	75	79	82	90	89	88	87	72	75	78	77	89	91	89	79.3
	Minimum	38	39	50	61	46	52	58	54	58	62	61	56	58	58	62	67	61	60	51	49	63	64	68	61	48	40	50	58	59	61	63	55.9
Mt Home	Maximum	67	74	84	86	74	72	66	64	83	76	72	77	78	77	86	87	78	67	80	82	93	93	93	81	64	72	73	80	89	93	92	78.5
	Minimum	38	40	49	52	46	41	54	54	55	56	56	45	53	54	54	64	52	49	40	42	56	56	58	55	56	36	45	54	54	62	59	49.8
Mt. Ida	Maximum	70	79	86	76	80	76	71	77	81	82	71	77	85	85	86	90	83	79	82	87	91	91	90	75	74	80	82	88	92	90	92	82.4
	Minimum	52	51	48	58	53	49	55	49	57	56	61	58	55	57	58	66	59	59	44	46	46	54	58	62	45	36	41	48	55	58	58	51.5
Newport	Maximum	72	78	88	79	79	77	74	81	80	86	78	82	78	81	90	92	83	69	85	79	95	94	95	92	76	79	85	89	98	86	92	83.6
	Minimum	41	49	52	56	42	50	54	52	55	61	63	52	52	56	54	69	63	54	46	46	61	65	61	43	42	41	58	59	64	64	64	54.6
Osceola	Maximum	68	75	84	76	77	75	71	79	84	78	75	75	71	80	86	90	86	86	76	77	91	95	92	87	71	70	75	85	91	90	93	80.8
	Minimum	49	47	56	51	44	52	54	61	63	61	61	54	56	56	58	70	62	57	56	47	61	66	65	43	43	47	47	61	65	67	67	57.4
Ozark	Maximum	69	75	84	85	85	74	70	74	76	74	76	....	82	80	84	86	78	....	....	79	85	93	92	85	71	75	78	81	91	93	91	78.3
	Minimum	39	46	44	56	51	59	53	54	55	55	62	....	58	57	65	65	65	....	....	49	51	60	62	65	47	44	56	57	59	63	67	55.0
Pine Bluff	Maximum	72	80	88	78	85	77	71	80	86	84	78	81	86	83	92	94	87	78	82	89	91	95	94	93	82	78	83	91	97	97	91	85.4
	Minimum	42	41	54	62	44	50	58	59	62	64	63	56	60	60	63	68	69	58	51	50	60	64	66	60	49	48	50	56	62	65	65	57.8
Pocahontas	Maximum	68	76	86	81	78	74	67	78	85	78	74	78	73	82	86	86	82	60	79	82	88	92	90	89	78	78	85	90	95	95	94	85.0
	Minimum	41	40	48	56	46	42	55	51	63	60	50	47	52	52	67	58	52	45	43	55	59	63	60	40	45	41	53	71	62	65	66	55.0
Portland	Maximum	73	79	86	84	81	80	76	87	87	86	80	82	85	87	91	92	91	80	83	90	92	92	93	91	85	78	85	92	97	96	94	86.2
	Minimum	42	58	48	61	44	46	59	57	64	65	65	58	60	60	68	68	68	60	52	50	56	61	64	69	50	45	49	55	60	61	65	57.0
Prescott	Maximum	64	65	77	77	74	72	66	83	82	85	86	79	82	85	91	90	89	84	79	88	92	93	92	90	80	75	80	87	92	94	96	83.0
	Minimum	42	53	52	64	42	51	55	54	60	59	60	57	60	60	64	68	69	60	51	47	58	61	65	64	52	45	51	56	61	64	67	56.7
Rison	Maximum	72	79	87	80	82	75	73	78	86	87	84	81	82	83	91	91	91	89	79	87	90	93	90	88	80	75	81	88	87	96	93	84.5
	Minimum	40	40	50	59	41	52	58	60	59	56	63	55	64	60	64	64	65	58	49	50	56	60	64	64	49	49	47	54	55	62	66	54.9
Rogers	Maximum	64	75	80	70	76	67	69	69	78	71	69	72	73	74	84	82	70	71	78	79	88	87	88	79	63	73	74	78	86	88	88	75.7
	Minimum	32	36	51	54	39	46	55	56	58	59	56	51	57	52	59	66	52	52	42	48	60	67	56	56	40	37	48	54	56	56	60	51.8
Searcy	Maximum	69	76	87	82	78	73	69	78	88	92	76	81	81	80	87	94	97	72	79	86	96	95	89	91	77	75	80	88	96	98	96	84.1
	Minimum	36	40	46	57	37	50	54	52	57	62	61	51	51	54	57	63	63	54	45	40	51	55	57	60	42	43	42	53	66	66	66	52.2
Stuttgart	Maximum	70	76	80	84	80	75	71	82	88	85	72	78	83	79	88	91	84	76	78	86	92	92	92	90	80	74	80	92	92	95	92	83.2
	Minimum	37	40	51	60	52	48	58	53	60	64	60	53	56	57	63	67	67	51	47	47	56	64	64	65	46	40	47	58	62	62	61	54.9
Subiaco	Maximum	69	78	85	80	78	73	71	83	85	74	77	85	81	90	89	81	79	79	88	91	95	95	88	77	75	81	79	93	96	95	92.5
	Minimum	37	45	53	59	45	53	56	60	63	61	57	69	57	62	67	64	58	48	56	61	61	64	63	46	44	53	58	60	65	63	64	54.0
Texarkana	Maximum	71	78	81	82	82	70	69	80	78	81	77	80	82	90	90	90	91	85	83	83	93	93	92	91	80	78	85	89	93	93	90	84.0
	Minimum	37	38	52	62	53	50	50	54	60	57	60	61	58	60	62	66	65	60	60	47	58	60	66	62	52	43	50	62	62	63	67	56.7
Warren	Maximum	70	75	85	80	78	76	67	88	83	80	79	79	84	83	89	92	90	82	77	86	91	91	92	91	74	81	88	91	94	94	91	84.0
	Minimum	45	46	51	63	46	49	58	56	61	64	64	56	59	61	66	68	67	59	50	52	60	61	63	65	49	44	47	55	62	63	65	57.4
Wynne	Maximum	70	75	87	76	78	75	72	80	89	84	70	78	77	82	89	93	83	72	82	83	93	94	91	91	75	74	80	88	93	96	95	82.8
	Minimum	37	43	51	55	39	49	57	53	61	64	62	51	52	57	62	70	66	54	44	45	59	62	65	62	45	40	44	59	58	59	64	54.5

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, ARK., JUNE, 1925 No. 6

GENERAL SUMMARY

The dry weather which characterized the preceding five months of this year continued through June, the average precipitation, 2.08 inches, being about 50% of the normal amount, making this the driest June since 1914 when the average was only 1.00 inch. This was also the warmest June since 1914, the mean temperature for each month being 82.3° which is the highest on record.

The total precipitation for the State from Jan. 1. 1925, to June 30, 1925, has been 14.32 inches which is 11.87 inches less than normal. Although for the State as a whole the month was unusually dry, some sections in southwestern, northern, and northwestern portions had abundant rains fairly well distributed through the month, but in many eastern and southern counties the drought continued severe, cotton being damaged somewhat and all other crops seriously, corn, meadows, and pastures being practically ruined in some counties. In other sections cotton made good to excellent progress, fields were clean, and at the close of the month squares and blooms were plentiful. Very few weevil were reported. Rice is good where irrigated, but there are reports of low water in the wells, making pumping expensive.

Temperatures were above normal in practically all sections except on the 25th and 26th when a cool wave brought night temperatures somewhat below the seasonal average. The highest temperature recorded, 108°, lacks 2° of equalling the previous high record for this month.

All streams continued at low stages during the month, the Arkansas at Little Rock reaching a stage of 0.7 foot below zero, this being the first below zero reading recorded during June. There were no destructive hail or wind storms reported during the month.

W. C. H.

TEMPERATURE

The mean temperature, as determined from the records of 55 stations was 82.3° which is 5.5° above normal, all sections of the State showing positive departures. The highest monthly mean temperature was 85.5° at Pine Bluff, the lowest, 76.2° at Dutton, making a range in mean temperature between the northwestern and southeastern sections of 9.3°. The highest temperature recorded was 108° at Helena on the 20th, the lowest, 46° at Corning on the 1st and at Dutton on the 26th. The average number of days with maximum temperature of 100° or higher was 6.

PRECIPITATION

The average precipitation for the month of June, as determined from the records of 83 stations, was 2.08 inches which is 2.00 inches less than normal. The geographical distribution was somewhat irregular, but generally speaking the stations along the Mississippi, in the lower Arkansas Valley, and in the southern border counties showed monthly totals less than an inch, while in the southwestern and northern border counties four to six inches was measured at several stations. Monthly totals ranged from 6.66 inches at Grannis to 0.12 inch at ~~Port-land~~. The greatest amount measured in 24 consecutive hours was 5.43 inches at Grannis on the 13th. The average number of rainy days was 4.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 3d, 1; 6th, 4; 7th, 6; 8th, 22; 9th, 3; 10th, 18; 11th, 6; 12th, 14; 13th, 28; 14th, 3; 15th, 20; 16th, 11; 17th, 8; 18th, 30; 19th, 17; 21st, 8; 22d, 6; 23d, 1; 24th, 21; 25th, 4; 26th, 2; 27th, 12; 28th, 6; 29th, 15; 30th, 23.

Solar Halos:- 8th, 1; 10th, 1; 19th, 1; 23d, 1; 25th, 1.

Lunar Halos: 2d, 1; 3d, 1; 30th, 1.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville..	29.94	30.22	30	29.64	1	4,013	23	..	2	.....	.....	83
Fort Smith...	29.91	30.18	30	29.65	12	5,453	26	s.	1	73	51	80
Little Rock	29.95	30.20	30	29.68	12	6,097	39	n.	10	74	46	86
Memphis....	29.98	30.22	30	29.79	12	4,877	36	w.	22	72	51	77

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COMPARATIVE DATA FOR JUNE

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Monthly average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
Means† and Extremes	**76 8**		**110**	**37**	**4.08**		**13**	**11**	**6**	**8**
1891.....	77.9	+1.1	103	55	3.71	−0.37	11	11	8	17
1892.....	76.9	+0.1	106	44	3.87	−0.21	16	10	4	8
1893.....	76.3	−0.5	99	49	5.20	+1.12	12	12	6	9
1894.....	76.6	−0.2	106	42	1.39	−2.69	17	10	3	4
1895.....	76.9	+0.1	100	47	5.94	+1.86	12	10	8	10
1896.....	77.7	+0.9	103	48	1.91	−2.17	14	10	6	5
1897.....	78.0	+1.2	106	41	3.46	−0.62	12	13	5	6
1898.....	78.7	+1.9	100	60	4.86	+0.78	8	14	8	11
1899.....	77.3	+0.5	102	50	2.74	−1.34	13	12	5	6
1900.....	76.6	−0.2	100	43	7.10	+3.02	7	14	9	13
1901.....	79.4	+2.6	110	41	1.44	−2.64	16	12	2	4
1902.....	77.5	+0.7	105	42	5.27	+1.19	16	9	5	6
1903.....	70.5	−6.3	99	37	2.53	−1.55	13	10	7	7
1904.....	75.3	−1.5	99	50	7.14	+3.06	11	13	6	10
1905.....	77.9	+1.1	104	44	5.90	+1.82	12	10	8	10
1906.....	76.2	−0.6	101	44	4.60	+0.52	14	10	6	8
1907.....	75.2	−1.6	103	39	4.48	+0.40	14	11	5	8
1908.....	76.0	−0.8	98	46	3.85	−0.23	13	11	6	8
1909.....	76.9	+0.1	104	49	4.08	0.00	12	12	6	10
1910.....	74.1	−2.7	99	44	4.85	+0.77	12	13	5	10
1911.....	80.9	+4.1	106	47	2.53	−1.55	16	11	3	6
1912.....	73.1	−3.7	97	42	5.83	+1.75	11	12	7	9
1913.....	77.0	+0.2	103	39	1.68	−2.40	16	11	3	4
1914.....	82.3	+5.5	109	52	1.00	−3.98	19	10	1	2
1915.....	76.0	−0.8	106	45	4.92	+0.84	12	9	9	9
1916.....	75.4	−1.4	99	43	5.15	+1.07	12	10	8	8
1917.....	75.2	−1.6	105	37	4.87	+0.79	18	7	5	6
1918.....	80.5	+3.7	110	49	3.55	−0.53	15	9	6	7
1919.....	76.9	+0.1	101	45	5.11	+1.03	11	10	9	10
1920.....	74.7	−2.1	101	42	3.41	−0.67	19	6	5	6
1921.....	78.5	+1.7	103	46	4.84	+0.76	12	10	8	11
1922.....	78.6	+1.8	104	44	2.64	−1.44	16	8	6	7
1923.....	76.7	−0.1	99	46	5.20	+1.12	13	11	6	9
1924.....	78.5	+1.7	105	42	3.64	−0.44	15	6	9	8
1925.....	82.3	+5.5	108	46	2.08	−2.00	17	9	4	4

†Based on 30 years record.

Climatological Data for June, 1925

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	Number of days with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	30	82.8	+ 8.0	104	28	60	1†	43	3.15	−2.49	1.60	0	3	21	1	8	s.	G. C. Thrash.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	2.55	−2.55	1.70	0	4	8	0	22	s.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	1.29	−2.95	0.75	0	4	23	2	5	s.	Geo. E. Payne
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	1.80	.....	0.75	0	5	12	17	1	ne.	J. D. Reeves.
Batesville	Independence	277	25	81.1	+ 5.7	101	21	53	26	40	1.18	−2.85	0.53	0	4	14	9	7	se.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	32	82.7	+ 5.9	105	28	57	26	41	2.20	−1.92	1.06	0	4	12	18	0	s.	J. E. Scanlan.
Bentonville	Benton	1303	19	78.8	+ 4.7	97	28	57	26	33	3.17	−1.39	2.28	0	5	21	9	0	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	2.04	−1.30	0.88	0	6	15	4	11	.....	Vernon C. Howe.
Brinkley	Monroe	205	37	83.9	+ 5.2	102	15†	59	26	38	1.95	−1.49	0.65	0	6	14	15	1	s.	H. L. D. Whitson.
Calico Rock	Izard	361	20	81.2	+ 5.0	104	28†	55	26	43	1.54	−2.01	0.86	0	8	6	21	3	s.	W. J. Copp.
Camden	Ouachita	158	39	83.2	+ 5.0	106	31	57	26	40	0.50	−4.19	0.31	0	5	25	1	4	s.	A. B. Quarterman
Center Point	Howard	470	25	83.1	+ 4.5	102	28†	66	8	32	2.98	−1.40	2.17	0	4	16	11	3	s.	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	0.29	−3.05	0.20	0	2	14	12	4	s.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	0.74	.....	0.33	0	4	17	12	1	s.	Dr. R.M. Hunter.
Conway	Faulkner	309	41	84.0	+ 5.8	103	21†	57	26	37	0.93	−3.12	0.42	0	3	21	9	0	s.	E. E. Cordrey.
Corning	Clay	293	31	81.2	+ 5.6	101	9†	46	2	50	2.02	−2.10	1.98	0	2	23	5	2	s	Winfred D. Polk.
Dam No. 1‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	3.40	....	1.50	0	5	24	3	3	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.02	−1.34	1.10	0	3	21	0	9	s.	C. P. Evans.
Dardanelle	Yell	330	38	83.4	+ 5.6	103	28	61	26	36	2.00	−1.64	2.00	0	1	20	1	9	s.	J. D. Riley.
Donas	Desha	162	18	83.8	+ 5.0	103	28†	58	26	37	1.82	−2.31	0.70	0	3	10	17	3	s.	Ben Johnson.
Dutton	Madison	1590	21	76.2	+ 4.1	97	28	46	26	42	3.09	−2.41	1.28	0	5	22	8	0	s.	J. M. Ricketts.
El Dorado	Union	270	23	84.8	+ 5.8	103	30	64	26	32	1.30	−1.94	0.47	0	5	9	16	5	se.	J. J. Babb.
England	Lonoke	229	17	81.0[1]	+ 3.1	102[b]	15†	57[b]	26	40[b]	2.85	−0.81	1.85	0	2	17[b]	8[b]	3[b]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	79.8	+ 5.8	101	16†	55	26	39	3.18	−2.53	1.98	0	3	12	15	3	s.	Geo. W. Nicholds.
Fayetteville	Washington	1451	37	82.1	+ 7.9	96	17	64	9†	31	2.28	−2.29	1.25	0	4	27	1	2	sw.	University of Arkansas
Fort Smith	Sebastian	457	42	83.6	+ 6.1	103	28	62	26	32	1.74	−2.26	0.73	0	7	11	16	3	e.	U. S. Weather Bureau.
Freeman Springs	Polk	2240	1	.....	.....	.....	.....	.....	.....	.....	1.62	.....	0.44	0	7	16	14	0	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	2.55	−1.40	1.12	0	4	16	11	3	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	3.39	−0.96	2.50	0	5	19	7	4	s.	W. R. Owens.
Gilbert	Searcy	675	1	.....	.....	.....	.....	.....	.....	.....	1.90	.....	1.10	0	6	12	15	3	n.	Ben F. Battenfield.
Grady	Lincoln	172	1	.....	.....	.....	.....	.....	.....	.....	1.16	.....	0.90	0	3	....	.....	.....	.....	O. C. Des Jardin.
Grannis	Polk	900	6	79.4	....	99	22	60	8	35	6.66	.....	5.43	0	5	20	9	1	s.	W. E. Mc Vay.
Gravette	Benton	1250	27	78.0	+ 4.4	98	28	50	26	37	2.31	−3.10	1.64	0	5	21	9	0	sw.	A. F. Stevens.
Harrison	Boone	1552	25	79.0	.....	102	28	50	25	44	1.10	−2.82	0.60	0	4	21	9	0	s.	G. L. Wright.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	1.8	−3.0	1.25	0	4	26	0	4	sw.	Claude Jones.
Helena	Phillips	193	52	85.0	+ 6.8	108	20	61	27	43	1.61	−2.32	0.64	0	11	19	4	7	s.	James A. Burnett.
Higden	Cleburne	445	6	.....	.....	.....	.....	.....	.....	.....	3.19	.....	1.98	0	7	20	10	0	s	J. A. Ingram.
Hope	Hempstead	377	53	83.0[a]	+ 4.6	102[a]	27	62[a]	25	35[a]	2.11	−1.78	1.04	0	4	21	8	1	s	N. P. O' Neal.
Hot Springs	Garland	600	33	81.4	+ 3.5	103	28	59	26	38	2.40	−2.18	1.07	0	7	17	9	4	.....	P. P. Patraw.
Huttig	Union	175	17	84.8[b]	+ 5.4	104[b]	16†	60[b]	26	38[b]	0.30	−4.05	0.25	0	2	19	7	4	se.	J. L. Collett.
Jonesboro	Craighead	345	29	83.4	+ 5.8	103	28	59	26	36	1.31	−2.08	0.70	0	4	21	8	1	sw.	Benedictine Sisters.
Junction ‡‡	Union	182	30	85.4	+ 6.0	105	17	64	9†	39	0.23	−3.7	0.23	0	1	25	4	1	sw	J. A. Lowderback.
Lambrook	Phillips	155	2	83.0	.....	101	22†	62	1	33	1.71	.....	0.72	0	6	15	14	1	.....	G. A. Newton.
Little Rock	Pulaski	399	45	82.9	+ 5.5	100	28	63	10	30	2.51	−1.58	1.70	0	5	15	13	2	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	82.5	+ 6.7	101	21†	59	26	34	0.50	−3.97	0.28	0	3	18	17	0	se.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	1.75	.....	0.59	0	5	.....	.....	.....	.....	P. T. Simons.
Magnolia	Columbia	315	6	84.4	.....	105	29	58	25	41	0.75	.....	0.35	0	3	4	22	4	se.	State Agri. School.
Malvern	Hot Springs	277	37	83.4	+ 5.9	105	29	60	26	40	0.61	−3.55	0.24	0	4	28	1	1	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	79.3	+ 5.6	98	28	55	26	36	4.59	+0.27	4.22	0	4	14	15	1	s.	F. M. Daniel.
Marianna	Lee	235	16	82.4	+ 4.4	99	28	61	26	32	0.97	−3.55	0.65	0	3	12	16	2	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	82.6	.....	101	20†	64	25	32	2.05	−0.88	1.46	0	3	16	12	2	se.	Charles Walton.
Marshall	Searcy	1070	10	81.9	+ 5.3	101	28	53	26	36	1.68	−2.22	1.25	0	4	15	12	3	s.	A. J. Park.
Mena	Polk	1185	38	79.7	+ 3.3	98	30	57	26	34	6.46	+1.56	2.65	0	7	22	6	2	s.	E. W. St. John.
Morrilton	Conway	347	3	83.2[1]	.....	103[c]	29	65	1†	35[c]	1.10	....	0.65	0	2	18[a]	10[a]	1[a]	s.	Henry Harless.
Mountain Home	Baxter	800	11	79.0	+ 4.2	98	17†	52	26	38	4.76	+0.47	3.81	0	6	15	12	3	s.	B. S. Halbert.
Mount Ida	Montgomery	650	25	80.0	+ 3.5	102	21†	54	26	42	3.02	−1.62	1.60	0	5	18	11	1	sw.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	2.60	−1.91	0.93	0	4	17	10	3	.....	Henry A. Davis.
Newport	Jackson	231	40	82.8	+ 5.0	103	9†	58	26	40	3.95	+0.31	3.40	0	5	22	8	0	n.	W. S. Foushee.
Osceola	Mississippi	240	26	81.9	+ 4.7	98	22†	59	26	36	0.84	−2.62	0.25	0	5	12	5	13	s.	June Thomason.
Ozark	Franklin	450	28	82.8[a]	+ 4.8	108[a]	28	57[a]	26	36[a]	1.88	−2.39	0.63	0	5	17	9	4	se.	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	2.20	1.90	1.72	0	2	26	0	4	s.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	1.00	.....	1.00	0	1	19	11	0	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	4.28	.....	2.85	0	4	17	10	3	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	85.5	+ 6.5	106	29	65	26	36	0.71	−3.16	0.52	0	4	24	3	3	sw.	Miss Theresa Scher.
Pocahontas	Randolph	300	30	81.4	+ 5.0	100	28	57	26	36	6.05	+2.16	3.50	0	4	8	18	4	s.	Benedicitine Sisters.
Portland	Ashley	122	18	83.5	+ 4.3	105	29†	60	26	40	0.26	−3.94	0.12	0	2	13	15	2	s.	W. E. Edmiston.
Prescott	Nevada	329	36	83.1	+ 4.6	101	21	63	26†	37	2.93	−0.81	1.32	0	4	17	7	6	sw.	C. D. Calhoun.
Princeton	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	0.44	−3.71	0.30	0	3	26	0	4	.....	Foote Coleman.
Rison	Cleveland	243	23	84.2	+ 6.3	104	25†	60	5†	37	0.74	−3.21	0.45	0	3	6[a]	20[a]	3[a]	se.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	78.1	+ 4.7	96	17†	54	26	35	4.92	+0.31	3.16	0	5	10	16	4	s.	Carl A. Starck.
Searcy	White	236	11	82.4	+ 5.2	104	22	60	5	40	1.10	−2.40	0.50	0	3	20	9	1	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	0.12	−4.24	0.06	0	2	25	0	5	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	1.97	.....	1.16	0	4	18	9	3	s.	S. C. Story.
Stuttgart	Arkansas	228	37	83.4	+ 5.8	103	28	91	25	33	0.31	−3.80	0.17	0	2	16	13	1	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	84.5[a]	+ 7.1	106[a]	28	60[a]	26	35[a]	1.75	−2.24	1.06	0	5	16[a]	8[a]	5[a]	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	83.7	+ 4.7	105	28†	60	26	37	1.58	−2.05	0.96	0	4	23	6	1	s.	H. S. Brashear.
Thornburg	Perry	350	1	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.70	0	3	24	6	0	s.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	4.41	.....	2.01	0	5	11	11	8	se.	Dr. Cheves Bevill.
Warren	Bradley	206	28	83.6	+ 4.8	102	29	62	26	32	0.37	−3.61	0.30	0	2	25	5	0	s.	W. L. Shide.
Waters	Montgomery	800	1	....	.....	.....	.....	.....	.....	.....	2.78	....	1.30	0	4	10	15	5	sw.	J. R. Hudleston.
Whitecliffs	Little River	290	20	.....	.....	.....	.....	.....	.....	.....	3.85	+0.34	1.30	0	4	21	6	3	sw.	Nannie O. Schirmer.
Wynne	Cross	250	18	82.8	+ 4.3	101	22†	59	26	41	1.98	−1.57	0.83	0	5	20	8	2	s	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	0.74	.....	0.32	0	5	18	8	4	.....	W. E. Barton.
State Means and Extremes				82.3	+ 5.5	108	20	46	2†	50	2.08	−2.60	5.43	0	4	17	9	4	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post-office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily River Stages for June, 1925

Stations.	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.7	5.4	5.3	5.0	4.9	4.8	5.1	5.4	5.8	6.0	6.5	6.7	6.3	6.0	5.1	5.0	5.0	4.9	5.0	5.9	6.0	6.0	5.8	5.9	5.8	5.6	5.5	5.5	5.4	5.4	
Dardanelle	do	20	3.3	3.1	2.9	2.7	2.5	2.4	2.4	2.4	2.5	2.7	3.5	4.3	4.3	4.0	3.0	3.0	2.9	2.7	2.5	2.2	2.2	2.1	4.3	5.0	4.2	3.9	3.6	3.0	2.7	2.5	....
Little Rock	do	23	1.0	0.7	0.5	0.0	-0.1	-0.4	-0.6	-0.7	-0.7	-0.7	-0.5	-0.5	0.6	1.4	1.4	0.8	0.4	0.1	-0.2	-0.7	-0.7	-0.4	0.6	1.2	1.0	1.0	1.1	1.0	0.5	-0.2	....
Pine Bluff	do	25	5.3	5.4	5.1	4.6	4.4	4.2	3.9	3.6	3.4	3.4	3.3	3.7	3.5	4.5	5.9	6.0	5.1	4.4	4.2	3.9	3.5	3.2	3.5	4.5	5.5	5.4	5.4	5.5	5.1	4.5	....
Yancopin	do	14	9.4	9.0	9.0	8.7	8.3	7.9	7.6	7.3	7.0	6.7	6.5	6.4	6.7	6.5	7.0	7.4	9.2	8.8	8.2	7.7	7.5	7.3	7.4	7.7	8.5	9.8	10.4	10.6	11.0	11.1	....
Danville	Petit Jean	30	1.3	1.3	1.2	1.2	1.0	0.9	0.8	0.8	0.8	0.7	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	....

Continued on next page.

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	1.0	0.5	0.3	0.3	0.5	0.5	0.7	0.6	0.3	0.2	0.1	0.1	0.5	1.3	0.8	1.4	0.7	0.5	0.5	0.6	0.7	0.4	1.2	0.8	1.1	1.0	0.7	0.4	0.1	0.0	
Batesville	do	23	6.0	5.8	5.4	5.1	5.0	5.3	5.3	5.4	5.3	5.1	5.1	4.9	4.9	6.5	6.2	5.9	6.2	5.5	5.3	5.2	5.3	5.5	5.2	5.8	5.5	5.7	5.7	5.4	5.1	4.9	
Newport	do	26	2.2	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.2	1.0	1.9	3.8	5.5	5.8	5.2	4.3	3.9	3.7	3.4	3.1	2.9	2.9	2.8	2.7	2.5	2.1	2.0	
Dam No. 1	Red		†0.6	†0.6	†0.6	†0.7	†0.8	†0.9	†1.0	†1.0	†1.0	†1.0	†1.0	†1.0	†1.0	†1.0	3.0	2.5	2.0	1.5	1.3	1.2	1.0	0.8	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0
Georgetown	White	22	2.4	2.0	2.0	2.0	1.8	1.6	1.6	1.4	1.2	1.0	1.2	1.2	1.2	1.4	1.6	2.0	4.0	5.6	6.0	5.6	5.0	4.4	4.0	3.6	3.2	3.0	2.8	2.6	2.4	2.2	
Clarendon	do	30	10.0	9.7	9.5	9.4	9.3	9.2	8.9	8.7	8.5	8.3	8.3	8.2	8.2	8.1	8.0	8.3	8.6	9.6	10.9	11 7	12.0	11.8	11.5	11.1	10.7	10.4	10.1	9.9	9.7	9.4	
Gilbert	Buffalo	30	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3 8	3.6	3.5	3.4	3.4	3.4	3.3	3.4	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	
Corning	Black	..	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.6	5.8	9.5	11.9	11.5	11.6	11.4	10.7	9.4	8.3	7.5	7.1	6.8	6.7	6.7	6.7	6.9	6.8	
Black Rock	do	14	2.7	2.7	2.5	2.4	2.3	2.2	2.2	2.0	2.0	2.0	1.9	1.9	1.9	9.8	12.0	9.5	7.0	6.0	6.5	5.5	4.8	4.6	4.4	4.0	3.8	3.5	3.0	2.8	2.8	2.8	
Patterson	Cache	9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.4	3.4	3.3	3.2	3 2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	
Arkadelphia	Ouachita	18	†0.6	†0.6	†0.6	†0.6	†0.6	†0.7	0.2	0.4	0.4	0.0	†0.3	†0.4	†0.3	†0.3	†0.3	†0.5	†0.3	†0.3	†0.4	†0.6	†0.2	†0.3	†0.2	†0.5	†0.5	†0.6	†0.4	†0.5	†0.5	†0.6	†0.5
Camden	do	30	5.4	5.2	5.1	5.0	4.7	4.4	3.9	3.9	3.9	3.9	3.7	3.6	3.5	3.5	3.6	3.7	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	3 0	3.1	3.2	3.4	3.4	
Fulton	Red	28	9.1	8.6	8.2	8.0	7.6	7.5	7.1	7.0	7.0	9.2	10.5	9.3	8.8	9.0	12.0	13.3	13.7	13.3	11.9	9 9	8.3	8.9	8.0	7.7	7.5	7.3	7.1	7.0	6.9	6.7	
Springbank	do	..	14.2	13.8	13.4	13.1	12.8	12.5	12.2	12.2	11.5	11.3	11.6	12.3	12.6	12.6	12.8	13.8	14.8	15.6	15.3	14.6	13.4	12.1	11.1	10.5	9.9	9.3	8.7	8.1	7.5	6,9	
Whitecliffs	Little River	..	0 8	0 8	0.8	0.8	0.6	0.5	0.5	0.8	1.4	9.8	9.4	4.0	2.9	3.8	17.3	20.6	18.0	15.0	10.4	8.0	4.6	3.0	2.6	2.0	1.8	1.4	1.0	1.0	0.8	0.8	
Marked Tree	St. Francis	..	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.4	2.9	3.3	3.2	2.8	2.9	2.9	2.8	2.9	3.2	3.5	3.8	4.0	4.2	4.2	4.1	4.0	3.9	3.8	4.2	4.2	4.3	4.4	
Helena	Mississippi	44	12 7	11.6	10.6	9.8	9.3	9.0	8.8	8.6	8.4	8.4	9.3	10.7	12.0	12.8	12.7	12.5	12.3	12.2	12.0	12.1	12.5	13.3	14.3	15.6	16.6	17.2	17.6	18.0	18.4	18.5	
Arkansas City	do	48	18.5	16.0	14.5	13.3	12.3	11.4	10.5	10.0	9.7	9.5	9.4	9.6	10.7	12.3	13.6	14.2	14.4	14.3	14.1	13 9	13.9	14.1	14.7	15.5	16.7	17 8	19.8	20 5	20.8	21.1	

† Below zero of gage.

Daily Precipitation for June, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita								1.60					.20					1.35														3.15
Arkadelphia	Ouachita							1.70	.30					.50						.05													2.55
Arkansas City	Mississippi							T.		.75					.20					.32				.02		T.							1.29
Arlberg	White								.30					.30		.20			.25	.75													1.80
Batesville	White								.10	.12				.53	.43					T.		T.								T.	T.		1.18
Bee Branch	Arkansas								.52					.56					1.06	.06													2.20
Bentonville	Arkansas							.10			T.		.36	.37						2.28					.06								3.17
Black Rock	White	T.							T.	.01				.88	.75					.05				.28	T.					T.	.07		2.04
Brinkley	White													T.	.02		.62	.11		.65		.09			.46			T.					1.95
Calico Rock	White								.01			T.		.86	.03		.30	.12		.01	.12	T.		T.	.09					T.			1.54
Camden	Ouachita								.01	.04	.31			.05												.09								0.50
Cater Point	Red								.67				T.	2.17											.14						T.		2.98
Clarendon	White													T.						.09										.20			0.29
Clinton	White								.33		T.			.18					T.	.20				.03					T.				0.74
Conway	Arkansas								.42					.33					.18														0.93
Corning	White					.04								1.98																			2.02
Dam No. 1	White					T.			.31		.77			1.50					.38				.44										3.40
Danville	Arkansas								.62			1.10		T.							.30												2.02
Dardanelle	Arkansas							2.00																									2.00
Dumas	Mississippi					.58								T.		.54			.70	T.													1.82
Dutton	White							T.			.20			1.28					.34	.92											.35		3.09
El Dorado	Ouachita									T.	T.			.18						.01	.42				.47			.22					1.30
England	Arkansas															1.00			1.85														2.85
Eureka Springs	White													1.98						1.05				.15									3.18
Fayetteville	White								.03			T.		.75	.25					1.25													2.28
Fort Smith	Arkansas						.09	.46					T.	.01			.15			.73		.27					T.			.03			1.74
Freeman Springs	Arkansas						.06	.23			.02			.25	.24					.44	.38													1.62
Fulton	Red							T.	.62					.55						1.12					.24								2.53
Georgetown	White						.30		.10		2.50	T.			.45														.04				3.39
Gilbert	White								.06					1 10			.03			.38	.22				.11			T.					1.90
Grady	Arkansas																		.90							.10					.10		1.10
Gravette	Arkansas								.82					5.43				.03						37							.01		6.66
Harrison	White						T.		.07		.28		T.	.23						1 64					.09								2.31
Heber Spring	Red						.20							.30			.06		.60														1.16
Helena	Mississippi								.25				1.25						.20	.10														1.80
Higden	White	.04		.01			.12	.04			.18	.32	.02	.64							.01				22				.01					1.61
Hope	Red								.27		1.98	.06	.15	.55					.16					.02									3.19
Hot Springs	Ouachita								1.04				.10	.37					T.						.60									2.11
Huttig	Ouachita						02		.98			T.	.02	.16			T.		1.07	T.														2.40
Jonesboro	White																			.05				.05							.10		0.30
Junction	Ouachita								.01		T.	.47		.70					T.					.13							.25			1.31
Lambrook	White								T.	.23															T.						T.		0.23
Little Rock	Arkansas											.31		.16																				
Lutherville	Arkansas					T.			.18		1.70		.02	.03			.72		.05	.30												.37		1.71
McGehee	Mississippi																		.58					T.						T.			2.51
Magnolia	Red								.19	T.				.03						.28											T.	T.		0.50
Malvern	Ouachita					.35							T.			.20			.58	.59					.03									1.75
Mammoth Spg.	White										.30		.10																			.35		0.75
Marianna	Mississippi								.10	.24					.12					.15														0.61
Marked Tree	Mississippi								.01					3.50	.72										.36									4.59
Marshall	White											.26							.65							.06							0.97
Mena	Ouachita								.15			T.	.56	02	1.46										T.								2.05
Morrilton	Arkansas													.13		.18			T.	1.25													1.68
Mountain Home	White								2.65			.75		2.00	.01			.85			.13				.01								6 40
Mount Ida	Ouachita								.65											.45														1.10
Murfreesboro	Ouachita						T.		T.					3.84		.32				10			.05		.43		.02						4.76
Newport	White								1.60					.48					.03						.14						.77		3.02
Osceola	Mississippi								.83					.53	.93						.31									T	T.		2.60
Ozark	Arkansas								.05	05				.40	3.40										.05								3.95
Patterson	White					.15		.20					.02	.22		.25																		0.84
Piggott	Mississippi								.25		T			.35				T.	T.	.63							.14				.51		1.88
Pindall	White						T.	T.	T.				T.	.48	1.72																			2.20
Pine Bluff	Arkansas								.03					1.00									T.						T.				1.00
Pocahontas	White							.09			.04			2.85						1.28				.12										4.28
Portland	Ouachita														T.					.52					.06			T.					0.71
Prescott	Ouachita						.12		.05		.08		T.	2.15					3.50				.35										6.05
Princeton	Ouachita								.44		T.			.34		T.																		0.20
Rison	Ouachita														.11				.83					1.32			T.						2.93
Rogers	Arkansas								.02											.30				.03										0.44
Searcy	White								.19		T.		1.44						.98	2.18					.27			.45						0.74
Springbank	Red								.10		T.			.50					T.	T.			.50		.13									4.92
Story	Ouachita								T.															T.										1 10
Stuttgart	Arkansas								1.16					.25											.06	.06								0.12
Subiaco	Arkansas													.17					.14				.33		.21									1.95
Texarkana	Red								1.06							.08			.07	.50												.02		1.73
Thornburg	Arkansas									.22				.10						.96					.30									1.58
Waldron	Arkansas								.70					.10					.20															1.00
Warren	Ouachita								2.04		T.		T.	.96			.97		T.	.27		T.					T.		T.	.17			4 41
Waters	Ouachita																			.30	.07										T.		0.37
Whitecliffs	Red								.85					.35					.28					1.30										2.78
Wynne	Mississippi								1.10	90				1.30	T.									.55										3.85
Yancopin	Arkansas			T.				.30	.12	T.					.83		.23			T.				.10		.70								1.98
															.02					.04						.32		.06					0.74

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ¶ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily Temperatures for June, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	93	94	95	96	97	91	97	90	96	94	94	89	93	97	100	97	100	93	93	102	98	98	98	93	89	97	99	104	103	97	....	96·0
	Minimum	69	73	75	75	68	67	67	67	65	70	69	70	70	73	75	72	75	77	70	72	71	72	72	73	69	60	61	61	70	70	....	69·6
Batesville§§	Maximum	92	91	92	94	95	96	95	89	97	94	96	91	87	94	96	96	95	95	94	90	101	99	96	95	87	93	96	100	93	98	....	94·2
	Minimum	64	73	73	75	61	63	62	71	62	62	63	68	73	72	72	70	73	73	73	66	67	67	69	73	69	53	64	60	75	75	....	68·0
Bee Branch	Maximum	92	94	95	98	98	99	98	94	98	97	96	93	89	97	99	101	101	98	91	99	102	99	99	98	91	94	98	105	99	100	....	97·1
	Minimum	69	70	72	70	62	63	63	67	64	68	65	70	72	71	72	70	72	72	69	68	72	70	70	75	70	57	62	64	68	71	....	68·3
Bentonville	Maximum	84	87	88	90	89	90	90	90	92	92	90	84	96	91	93	95	96	88	87	92	93	92	92	85	79	87	89	97	91	94	....	89·8
	Minimum	70	72	74	71	67	65	65	65	63	65	66	60	62	73	72	70	72	71	66	67	70	73	74	68	62	57	65	64	74	71	....	67·8
Brinkley	Maximum	93	95	96	98	100	100	100	92	100	100	98	94	92	101	102	98	100	100	92	100	102	102	100	97	88	92	100	102	101	101	....	97·9
	Minimum	68	72	71	74	66	67	67	74	67	70	68	71	73	72	72	71	74	74	70	68	72	70	70	78	69	59	62	65	71	71	....	69·9
Calico Rock§§	Maximum	89	91	92	96	96	92	98	94	99	96	96	92	90	94	95	94	97	92	94	100	98	99	98	94	86	92	96	104	104	100	....	95·3
	Minimum	64	70	75	71	62	61	65	72	62	62	63	67	69	70	72	70	70	72	74	70	69	69	69	71	66	55	62	61	67	67	....	67·2
Camden§§	Maximum	93	95	95	94	95	95	97	90	99	93	91	91	93	97	102	101	100	98	99	100	103	101	100	99	90	96	101	102	103	106	....	97·3
	Minimum	67	71	73	73	62	64	67	71	67	67	67	69	72	75	72	71	75	72	69	70	69	71	74	77	73	57	62	65	63	70	....	69·2
Center Point	Maximum	90	93	94	94	93	94	95	86	93	92	91	85	89	93	96	97	95	96	95	97	99	98	100	97	88	93	98	102	102	99	....	91·5
	Minimum	69	72	75	72	70	70	71	66	69	70	70	70	69	74	76	73	75	75	71	73	76	76	74	73	70	67	69	70	70	75	....	71·7
Conway	Maximum	91	92	92	95	98	97	95	93	97	98	93	92	91	96	98	99	98	99	95	101	103	103	99	99	94	94	100	103	100	100	....	96·8
	Minimum	72	72	74	75	72	74	66	68	65	70	66	70	74	73	73	72	74	76	76	67	72	70	74	77	73	57	64	85	68	73	....	71·2
Corning	Maximum	95	96	93	97	85	100	95	93	101	98	100	93	85	95	98	97	97	93	93	99	101	98	90	95	88	90	94	100	92	95	....	94·8
	Minimum	48	46	66	71	65	64	65	72	66	62	64	71	68	74	78	73	75	76	76	74	71	71	68	74	76	68	55	63	63	74	67	67·6
Dardanelle	Maximum	91	93	93	96	93	94	92	91	96	92	92	93	94	96	100	97	99	95	99	97	100	100	97	97	90	93	97	103	95	96	....	95·4
	Minimum	74	75	77	78	69	70	72	69	68	65	68	69	67	76	77	74	75	76	74	70	72	73	74	72	73	61	65	67	70	75	....	71·5
Dumas	Maximum	92	94	96	95	97	93	96	94	96	94	96	94	95	100	100	98	98	100	98	100	101	102	102	102	89	95	98	103	103	101	....	97·4
	Minimum	68	70	72	70	65	66	66	70	62	68	70	72	76	78	73	71	74	73	71	71	73	71	71	77	72	58	70	70	68	70	....	70·2
Dutton	Maximum	82	88	87	90	90	89	90	90	96	93	88	81	87	89	94	94	94	93	89	93	93	89	92	88	81	88	92	97	94	94	....	90·2
	Minimum	66	69	70	70	57	58	59	63	55	57	58	62	65	75	66	63	65	65	61	59	61	62	66	70	61	46	55	56	62	62	....	62·2
El Dorado	Maximum	94	95	97	97	97	97	98	98	97	95	94	94	95	98	101	103	101	97	95	98	101	101	101	100	98	96	100	100	101	103	....	98·0
	Minimum	68	72	72	73	67	70	69	72	72	69	69	70	75	75	75	72	75	75	74	72	73	76	73	76	72	64	68	69	70	74	....	71·7
England	Maximum	....	....	94	96	96	94	95	89	98	96	95	92	88	99	102	100	99	98	94	99	101	99	99	98	91	94	100	101	102	100	....	93·4
	Minimum	....	....	72	72	65	65	65	72	63	68	65	68	76	71	72	70	73	70	69	69	73	70	71	78	70	57	61	63	62	69	....	68·5
Eureka Springs	Maximum	91	90	92	85	92	94	95	98	102	98	91	87	84	94	95	101	100	101	93	100	95	89	88	86	82	88	92	96	95	97	....	93·0
	Minimum	69	70	72	71	64	62	65	60	63	65	63	67	60	72	74	63	71	72	64	65	68	72	74	69	58	55	63	64	71	68	....	66·5
Fayetteville	Maximum	84	87	88	91	91	91	90	91	93	93	95	87	87	91	93	95	96	92	92	92	95	92	86	87	80	88	92	96	96	94	....	90·8
	Minimum	78	71	71	72	66	67	68	65	64	65	64	70	66	72	77	76	78	74	78	70	76	77	80	78	72	67	82	85	84	82	....	73·4
Fort Smith	Maximum	88	91	92	94	92	94	94	89	94	91	91	85	92	93	97	96	99	97	92	95	96	95	96	92	86	93	98	103	100	99	....	93·8
	Minimum	71	74	80	78	74	70	70	69	70	71	70	72	70	78	77	75	76	77	68	75	74	76	78	79	70	62	71	71	78	74	....	73·3
Grannis	Maximum	88	90	91	91	84	92	91	83	92	90	88	82	87	94	91	93	92	92	95	96	93	99	91	84	84	91	93	98	97	97	....	91·0
	Minimum	64	76	71	78	61	65	66	60	72	69	64	64	64	78	68	71	69	68	68	76	78	66	67	65	64	67	60	63	62	68	....	67·8
Gravette	Maximum	84	87	88	90	89	90	90	91	92	93	88	84	88	91	93	96	97	91	88	92	95	90	93	87	80	87	92	98	94	96	....	90·5
	Minimum	56	70	74	73	66	62	63	62	60	61	62	66	59	71	72	68	71	68	65	63	66	70	73	68	55	50	59	63	75	71	....	65·4
Harrison§§	Maximum	87	89	93	93	93	94	90	94	93	93	88	86	96	97	98	97	89	90	94	98	95	96	98	90	94	95	102	98	97	97	..	93·7
	Minimum	71	72	70	60	58	60	67	62	59	60	64	63	69	65	66	67	67	64	64	66	66	75	69	67	50	54	59	60	65	66	....	64·2
Helena§§	Maximum	95	96	98	101	102	98	100	98	103	102	98	92	92	102	103	105	104	103	101	108	106	104	103	102	92	98	104	106	105	102	....	‡
	Minimum	65	70	72	69	64	64	65	70	71	68	67	67	71	73	73	72	75	76	71	69	69	69	79	79	72	62	61	63	62	71	....	69·3
Hope	Maximum	94	95	95	96	95	94	95	81	91	97	91	89	94	96	98	97	99	98	....	100	102	99	98	87	93	97	102	101	101	100	....	95·7
	Minimum	68	73	73	73	67	67	69	68	68	68	70	70	72	74	75	72	75	74	....	70	77	75	72	70	62	61	73	66	66	65	....	70·2
Hot Springs	Maximum	90	91	91	94	93	92	95	90	95	89	91	88	85	92	97	98	97	96	92	98	98	97	97	93	89	94	98	103	102	97	....	94·1
	Minimum	69	71	74	69	65	67	66	65	63	68	66	66	70	72	73	71	72	72	69	68	71	71	74	75	65	59	64	65	69	72	....	68·7
Huttig	Maximum	98	94	97	97	97	97	97	....	....	98	95	95	95	100	100	104	104	100	102	99	101	104	103	103	101	96	99	101	104	103	....	99·4
	Minimum	64	71	72	70	62	62	67	....	....	67	67	67	76	73	73	70	72	82	72	71	70	72	76	77	76	63	67	69	66	71	....	70·1
Jonesboro	Maximum	93	92	94	99	98	98	97	94	100	93	98	92	86	97	99	99	99	97	94	101	101	100	101	86	92	98	103	96	98	....	96·4
	Minimum	66	69	73	69	65	67	64	72	66	68	68	69	71	73	74	73	76	76	73	75	75	71	77	76	69	59	65	67	76	70	....	70·3
Junction	Maximum	96	96	98	99	100	99	100	99	98	94	96	97	99	102	103	101	105	102	99	98	101	104	104	103	99	101	104	103	103	104	....	†
	Minimum	70	70	72	71	67	70	66	68	64	67	68	70	72	74	75	72	73	72	71	70	68	74	76	77	75	71	72	70	64	68	....	70·6
Lambrook §§	Maximum	95	94	94	95	96	95	94	96	97	93	96	94	90	96	99	96	96	98	95	98	101	101	98	98	88	93	96	101	98	99	....	96·0
	Minimum	62	66	70	71	65	66	70	74	73	70	68	70	72	70	72	70	74	72	70	69	70	73	77	78	70	66	67	70	67	67	....	70·0
Little Rock	Maximum	87	90	90	92	94	92	92	84	95	93	91	88	85	93	98	96	96	95	93	98	98	96	97	95	86	94	96	100	99	97	....	93·4
	Minimum	70	71	73	74	70	71	70	69	69	63	69	72	74	74	78	75	76	74	71	73	78	76	76	78	74	67	72	71	72	74	....	72·4
Lutherville	Maximum	88	90	87	94	93	94	94	87	95	95	91	87	91	96	95	99	100	96	89	97	101	98	98	95	86	93	100	101	98	92	....	94·0
	Minimum	70	72	75	75	68	66	67	68	65	69	69	70	74	74	74	72	74	75	68	75	75	88	72	70	70	59	66	69	73	75	....	71·0
Magnolia	Maximum	94	98	98	98	98	100	99	98	98	95	93	9.	97	98	103	100	100	96	9.	102	100	101	101	98	91	98	101	104	105	104	..	98·5
	Minimum	67	75	71	71	72	68	71	69	70	67	69	70	70	75	71	70	71	71	71	71	70	74	76	76	59	73	66	71	64	72	..	70·4
Malvern	Maximum	92	94	94	96	93	95	97	94	97	94	93	90	88	97	101	101	100	99	97	102	102	103	10	100	95	97	102	104	105	103	....	97·6
	Minimum	70	72	74	74	64	66	65	67	64	69	67	70	75	70	74	72	73	73	68	69	72	70	72	74	70	60	63	64	68	69	....	69·3
Mammoth Spg. §§	Maximum	89	89	91	96	94	96	95	89	94	91	94	91	93	90	95	91	94	90	92	95	95	94	94	89	84	88	92	98	89	89	....	92·0
	Minimum	64	70	72	69	61	62	61	68	62	62	62	64	66	68	72	71	72	72	70	70	70	68	65	55	66	62	68	67	....	....	....	66·6
Marianna	Maximum	93	91	93	93	94	93	92	92	95	93	93	90	91	94	97	97	97	96	94	97	98	98	97	98	92	92	94	99	98	98	....	94·6
	Minimum	66	72	72	72	66	67	67	66	69	69	68	71	73	72	72	72	75	75	71	70	70	73	77	80	72	61	63	67	66	74	....	70·3
Marked Tree §§	Maximum	91	93	96	96	98	94	92	98	96	95	89	86	94	98	98	90	94	95	98	101	99	98	97	87	90	96	101	94	96	100	....	94·5
	Minimum	72	73	72	65	67	65	66	66	68	69	69	73	69	74	72	75	75	74	71	71	70	78	80	77	64	69	69	72	69	71	....	70·8
Marshall	Maximum	87	89	90	93	92	93	94	94	95	96	92	9	87	96	98	93	98	94	91	95	96	96	95	94	90	89	94	101	99	96	....	93·5
	Minimum	70	71	75	74	66	71	69	69	61	61	64	77	68	76	76	70	77	78	7.	76	68	67	80	71	64	53	64	66	78	68	....	70·3
Mena	Maximum	88	90	91	92	93	91	94	85	91	86	86	82	86	89	93	92	93	92	91	93	94	91	88	90	86	91	93	97	96	98	....	90·8
	Minimum	68	70	73	62	70	69	69	65	65	68	65	6.	66	73	73	70	71	72	69	70	70	76	71	73	68	57	63	71	70	69	....	68·6
Morrillton	Maximum	85	87	88	92	94	93	90	91	..	....	....	....	88	89	98	96	98	97	96	94	9.	99	100	98	98	95	96	98	100	103	....	94·9
	Minimum	65	74	67	74	67	70	67	68	67	69	69	74	75	74	77	77	75	73	73	70	70	76	7.	75	75	72	67	67	65	73	74	....	71·4
Mt. Home	Maximum	89	91	92	96	94	94	95	89	95	92	95	92	85	94	93	93	98	94	94	9.	95	9.	93	94	88	83	89	92	98	89	90	....	92·2
	Minimum	67	70	73	72	61	61	61	68	61	60	61	68	63	69	70	67	69	70	68	65	67	68	6.	69	66	64	52	64	60	68	67	....	65·8
Mt. Ida	Maximum	89	91	91	93	93	85	89	85	94	92	91	86	87	91	95	97	95	96	96	99	10.	98	98	97	89	95	100	101	101	102	....	93·7
	Minimum	66	66	66	67	70	68	69	65	65	65	67	64	68	70	70	68	71	7.	67	6.	68	67	68	71	66	54	58	61	64	65	....	66·4
Newport	Maximum	96	92	87	98	98	99	99	91	103	100	93	92	96	98	102	94	98	99	87	105	94	10.	98	99	88	98	102	94	98	95	....	95·9
	Minimum	66	72	7.	71	65	66	64	65	65	73	66	70	67	67	73	74	75	75	74	7.	72	75	78	75	70	58	66	66	71	70	....	69·8
Osceola	Maximum	9.	90	92	93	92	92	88	91	95	93	91	89	85	90	93	94	94	94	92	96	97	98	98	96	92	89	95	97	91	92	....	92·6
	Minimum	71	72	74	74	69	78	67	61	71	69	71	74	71	74	75	74	75	76	70	71	67	62	85	81	72	59	64	68	74	71	....	71·2
Ozark	Maximum	89	91	92	91	93	94	95	89	95	94	92	89	...	94	99	99	99	98	9.	98	100	94	97	95	87	93	97	103	101	96	....	94·6
	Minimum	68	74	77	75	67	70	71	69	66	68	71	71	....	73	78	73	77	74	6.	7.	73	7.	71	73	70	57	67	68	73	73	....	71·0
Pine Bluff	Maximum	93	95	98	99	98	99	98	89	97	96	97	94	92	99	103	102	103	102	95	101	103	103	101	92	97	102	104	106	101	....	98·8
	Minimum	67	71	75	73	69	68	67	74	67	69	70	71	77	74	75	73	75	75	73	72	86	75	77	79	71	65	66	68	72	75	....	72·2
Pocahontas	Maximum	89	87	89	94	93	94	93	92	96	95	94	89	87	93	9	96	95	98	97	97	9.	97	93	92	89	90	93	100	95	93	....	93·2
	Minimum	68	69	75	68	63	64	63	72	76	76	65	68	79	72	72	72	74	73	6.	73	7.	71	73	75	68	57	67	64	70	69	....	69·7
Portland	Maximum	92	93	94	94	95	95	95	98	95	92	95	91	91	100	103	99	98	99	98	99	104	102	98	100	94	98	102	102	105	105	....	97·7
	Minimum	6.	68	70	7.	65	67	66	73	72	67	66	6.	76	73	72	70	72	72	69	69	6.	71	74	76	74	60	62	69	66	69	....	69·3
Prescott	Maximum	94	96	94	95	94	95	93	90	93	93	92	92	9.	95	98	99	99	98	94	97	101	10.	99	100	96	92	95	100	99	99	.	95·6
	Minimum	67	71	74	73	67	68	70	67	68	71	69	69	75	71	70	71	75	74	70	71	75	76	77	73	75	77	69	63	64	63	68	74	....	70·6
Rison	Maximum	92	93	95	96	95	96	96	93	98	95	94	93	94	98	103	100	101	99	99	100	10.	105	103	102	104	97	97	103	102	104	....	98·3
	Minimum	67	71	71	7.	69	68	68	75	69	68	68	69	71	72	74	70	71	74	74	75	7.	72	71	75	77	60	63	64	70	72	....	70·1
Rogers	Maximum	82	86	87	9.	91	91	90	92	95	94	89	84	86	91	93	95	96	87	88	93	94	89	90	85	80	88	90	96	91	95	.	89·9
	Minimum	7.	72	7.	74	67	6.	6.	66	63	62	63	61	61	72	74	68	69	67	6.	6.	68	67	68	71	62	54	62	61	70	70	....	66·3
Searcy	Maximum	9.	93	9.	9.	97	98	9.	99	99	96	96	9.	89	98	100	99	9.	100	92	101	102	104	99	98	97	89	98	102	99	99	....	97·3
	Minimum	6.	6.	7.	71	6.	6.	6.	62	61	69	63	65	71	70	71	70	71	70	7.	66	72	68	71	75	74	69	62	62	65	70	....	67·5
Stuttgart	Maximum	92	92	95	96	96	95	96	90	95	95	96	92	90	97	101	99	99	100	94	102	100	101	99	91	94	98	103	102	99	....	....	96·6
	Minimum	68	7.	72	67	71	7.	68	67	7.	67	69	75	73	74	71	74	73	7.	6.	72	71	77	79	72	58	62	66	71	72	70	....	70·3
Subiaco	Maximum	....	92	95	98	97	99	98	91	94	97	93	88	94	98	101	101	101	101	89	98	102	98	98	98	93	95	101	106	101	101	....	97·2
	Minimum	....	73	6.	77	75	73	6.	67	68	67	68	72	74	75	75	72	75	74	6.	6.	73	73	81	79	71	60	68	67	75	75	....	71·8
Texarkana	Maximum	93	94	95	95	95	96	95	82	98	96	92	89	93	98	101	103	101	98	94	102	10	98	100	101	88	92	101	105	104	105	....	96·9
	Minimum	68	68	7.	7.	67	70	68	7.	63	68	69	69	6.	73	75	76	7.	73	70	75	76	73	75	74	71	60	64	70	67	70	....	70·5
Warren	Maximum	90	91	94	95	94	91	94	93	95	91	92	92	95	96	100	98	97	97	93	96	101	101	100	100	98	94	97	100	102	101	....	95·9
	Minimum	68	70	71	71	66	68	68	7.	71	6.	69	69	76	74	74	71	74	75	71	71	73	73	76	78	71	62	70	68	70	73	....	71·2
Wynne	Maximum	91	92	95	97	97	97	95	9.	99	95	97	91	87	95	93	96	96	96	94	99	99	101	99	99	87	90	97	101	100	97	....	95·4
	Minimum	72	71	73	73	66	71	66	73	66	70	67	72	74	73	71	72	75	76	72	69	69	72	77	75	67	59	61	60	71	71	....	70·2

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

‡ 100.8. † 100.3.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, ARK., JULY, 1925 NO. 7

GENERAL SUMMARY

The drought which characterized the first six months of the year 1925 was broken by moderate to rather heavy rains during July. The average precipitation for the month, 4.99 inches, was 1.07 inches above normal, this being the first positive departure of as much as an inch since December, 1923. In a few localities the monthly totals were very light for July while in others, amounts exceeding ten inches were measured.

The month opened warm, about 6° above normal, and temperatures continued above during the first 15 days. A cool wave overspread the State from the 18th to the 23d during which temperatures were somewhat below normal and from the 28th to the 31st another cool wave brought the lowest temperature of the month, 47° being recorded at Gravette.

Although the precipitation total for the year now averages 10.80 inches below normal, nevertheless the rains of July were very beneficial and in most sections damage from the drought is not so real as indicated a month ago. Early corn was damaged seriously, but late corn made very good progress during the month and a good yield is assurred in many localities. Rice, meadows, pastures, potatoes, fruit, and forage crops improved rapidly since the rains. Conditions continued favorable for cotton, damage from worms and weevil being slight, and at the close of the month the crop was in excellent condition and opening in the southern counties.

There were no destructive hail or wind storms reported during the month. Sunshine averaged about 62% of the possible amount, this being somewhat below the July average. The number of clear days was slightly below and the number of cloudy and rainy days correspondingly above the average. Thunderstorms occurred in some portions of the State every day during the month. The streams of the State continued at low stages.

W. C. H.

TEMPERATURE

The mean temperature, as determined from the records of 52 stations, was 81.8° which is 1.9° above normal, all stations except Bentonville, Dutton, Ozark, and Pocahontas showing positive departures. The highest monthly mean temperature was 85.0° at Huttig and Helena, the lowest, 74.2° at Dutton, making the range in temperature over 10° between the northwestern and the southern and southeastern sections of the State. Extremes ranged from 109° at Helena on the 16th to 47° at Gravette on the 31st. The average number of days with maximum temperature 100° or above was 6.

PRECIPITATION

The average precipitation, as determined from the records of 80 stations, was 4.99 inches which is 1.07 inches above normal. Negative departures were recorded in Washington and Benton counties and at a number of stations in the eastern counties, positive elsewhere. Monthly totals ranged from 10.41 inches at Grannis to 0.59 inch at Corning. The greatest amount measured in 24 consecutive hours was 5.04 inches at Waldron on the 21st-22d. The average number of rainy days was 10.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 1st, 14; 2d, 23; 3d, 28; 4th, 40; 5th, 28; 6th, 19; 7th, 18; 8th, 27; 9th, 22; 10th, 27; 11th, 13; 12th, 7; 13th, 26; 14th, 25; 15th, 12; 16th, 6; 17th, 1; 18th, 23; 19th, 20; 20th, 10; 21st, 21; 22d, 12; 23d, 3; 24th, 3; 25th, 9; 26th, 7; 27th, 20; 28th, 10; 29th, 2; 30th, 10; 31st, 1.

Solar Halos:- 7th, 2; 31st, 1.

Dense Fog: 15th, 1.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville..	29.96	30.15	31	29.76	14	2,561	18	se.	20	.....	.....	65
Fort Smith...	29.95	30.16	31	29.72	14	4,713	34	se	2	83	64	58
Little Rock	29.97	30.14	12	29.70	14	5,186	44	n.	14	80	62	60
Memphis....	29.97	30.14	23	29.74	14	4,216	40	n.	26	73	56	66

COMPARATIVE DATA FOR JULY

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Monthly average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
Means and Extremes	79.9		116	40	3 92		15	11	5	8
1891.....	76.5	−3.4	103	50	7.24	+3.32	13	8	10	10
1892.....	79.0	−0.9	104	50	3.58	−0.34	10	11	10	10
1893.....	80.9	+1.0	103	59	2.94	−0.98	17	11	3	6
1894.....	78.4	−1.5	108	51	3.98	+0.06	17	9	5	6
1895.....	78.9	−1.0	104	55	7.34	+3.42	12	10	9	12
1896.....	83.4	+3.5	110	52	1.61	−2.31	16	11	4	4
1897.....	82.4	+2.5	109	50	3.25	−0.67	16	11	4	5
1898.....	79.9	0.0	105	50	4.25	+0.33	12	13	6	8
1899.....	79.0	−0.9	100	52	5.14	+1.22	15	11	5	8
1900.....	79.7	−0.2	102	51	4.46	+0.54	10	15	6	9
1901.....	83.7	+3.8	116	50	2.49	−1.43	15	13	3	6
1902.....	79.4	−0.5	105	50	4.49	+0.57	14	12	5	6
1903.....	79.6	−0.3	105	53	3.86	−0.06	13	12	6	9
1904.....	77.9	−2.0	104	49	4.43	+0.51	13	13	5	10
1905.....	76.7	−3.2	106	51	7.60	+3.68	10	13	8	13
1906.....	76.7	−3.2	99	48	5.96	+2.04	13	9	9	10
1907.....	81.4	+1.5	108	53	1.96	−1.96	21	8	2	4
1908.....	79.2	−0.7	103	48	3.00	−0.92	15	12	4	8
1909.....	81.9	+2.0	106	50	2.51	−1.41	19	9	3	5
1910.....	79.4	−0.5	105	41	5.46	+1.54	15	12	4	10
1911.....	78.4	−1.5	106	43	4.83	+0.91	9	14	8	11
1912.....	81.3	+1.4	104	56	2.82	−1.10	15	13	3	6
1913.....	81.5	+1.6	104	55	4.31	+0.39	13	14	4	8
1914.....	82.6	+2.7	110	54	2.69	−1.23	11	15	5	7
1915.....	77.1	−2.8	107	43	2.40	−1.52	20	7	4	5
1916.....	82.8	+2.9	106	55	2.09	−1.83	19	9	3	6
1917.....	79.6	−0.3	106	50	5.10	+1.18	15	9	7	8
1918.....	79.6	−0.3	111	49	1.53	−2.39	19	7	5	4
1919.....	81.2	+1.3	104	54	1.91	−2.01	19	8	4	5
1920.....	79.8	−0.1	105	52	4.22	+0.30	15	10	6	7
1921.....	82.0	+2.1	107	54	2.42	−1.50	19	8	4	6
1922.....	80.2	+0.3	106	48	4.12	+0.20	14	11	6	7
1923.....	79.9	0.0	105	48	3.53	−0.39	16	9	6	6
1924.....	79.0	−0.9	110	49	2.35	−1.57	18	8	5	5
1925.....	81.8	+1.9	109	47	4.99	+1.07	11	11	9	10

†Based on 30 years record.

Climatological Data for July, 1925

Stations	Counties	Elevation, feet	Length of record yea	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days					Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	
Amity	Clark	700	30	82.8	+ 2.7	104	7	62	18	33	2.75	−1.21	0.70	0	5	14	4	13	s.	G. C. Thrash.
Arkadelphia	Clark	250	28	.....	.....	.....	.....	.....	.....	.....	8.71	+4.96	2.30	0	12	5	4	22	s.	F. J. Carpenter.
Arkansas City	Desha	145	40	.....	.....	.....	.....	.....	.....	.....	3.77	−0.09	1.25	0	12	11	4	16	s.	Geo. E. Payne.
Arlberg	Stone	700	2	.....	.....	.....	.....	.....	.....	.....	6.35	.....	2.85	0	12	3	21	7	nw.	J. D. Reeves.
Batesville	Independence	277	25	80.2	+ 0.4	104	2	56	29	38	3.94	+0.67	0.88	0	10	12	4	15	s.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	32	81.5	+ 1.5	105	1	60	31	37	5.28	+1.57	1.90	0	9	5	16	10	s.	J. E. Scanlan.
Bentonville	Benton	1303	19	77.8	− 0.7	97	1	56	17	33	2.40	−1.91	0.52	0	13	17	6	8	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	22	.....	.....	.....	.....	.....	.....	.....	4.61	+0.72	2.48	0	12	23	4	4	.....	Vernon C. Howe.
Booneville	Logan	465	11	82.0	+ 0.9	101	25	61	31	34	4.73	+1.62	2.61	0	13	13	11	7	s.	J. F. Randolph.
Brinkley	Monroe	205	37	83.2	+ 2.4	103	1†	62	18†	31	4.32	+0.23	2.00	0	11	13	8	10	s.	H. L. D. Whitson.
Calico Rock	Izard	361	20	80.4	+ 0.9	106	2	58	29†	41	4.99	+1.55	0.91	0	18	7	19	5	s.	W. J. Copp.
Camden	Ouachita	158	39	82.8	+ 1.8	104	13	62	18	34	6.74	+2.83	1.76	0	13	14	4	13	s.	A. B. Quarterman
Center Point	Howard	470	25	83.2	+ 1.4	103	25†	65	31	31	5.91	+1.81	2.06	0	12	7	16	8	sw	John C. Floyd.
Clarendon	Monroe	200	20	.....	.....	.....	.....	.....	.....	.....	3.59	+0.25	0.72	0	14	9	7	15	sw.	J. W. Bishop.
Clinton	Van Buren	516	3	.....	.....	.....	.....	.....	.....	.....	3.07	.....	1.90	0	7	6	17	8	s.	Dr. R. M. Hunter.
Conway	Faulkner	309	41	82.0	+ 0.4	103	1	63	18†	35	7.94	+4.62	2.33	0	14	9	17	5	s.	E. E. Cordrey.
Corning	Clay	293	31	82.4	+ 3.5	105	15	50	29	42	0.59	−2.88	0.45	0	2	13	14	4	w.	Winfred D. Polk.
Dam No. 1 ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	4.64	.....	2.10	0	6	18	3	10	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	9.60	+6.46	2.50	0	9	13	0	18	s.	C. P. Evans.
Dardanelle	Yell	330	38	83.6	+ 2.2	100	1†	64	19	32	6.02	+2.49	1.60	0	8	17	0	14	s.	J. D. Riley.
Dumas	Desha	162	18	83.4	+ 1.8	103	4	62	18	35	5.02	+1.60	1.03	0	12	5	16	10	w.	Ben Johnson.
Dutton	Madison	1590	21	74.2	− 1.3	95	9	50	17	36	6.08	+1.84	1.15	0	14	10	17	4	s.	J. M. Ricketts.
El Dorado	Union	270	23	84.2	+ 2.7	103	26	66	18	31	8.86	+5.59	3.00	0	14	4	12	15	se.	J. J. Babb.
England	Lonoke	229	17	81.6	+ 0.3	102	14	60	18	34	4.96	+2.55	1.50	0	12	11	9	11	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	24	78.6	+ 0.6	99	1†	52	31	33	5.46	+1.51	1.80	0	12	11	13	7	sw.	Geo. W. Nichoalds.
Fayetteville	Washington	1451	37	80.3	+ 2.3	97	1†	54	31	34	2.55	−1.57	1.07	0	6	15	12	4	sw.	University of Arkansas.
Fort Smith	Sebastian	457	42	82.0	+ 0.5	101	25	64	31	29	5.39	+1.55	2.02	0	12	6	13	12	e.	U. S. Weather Bureau.
Freeman Springs	Pope	2240	1	.....	.....	.....	.....	.....	.....	.....	5.65	.....	1.72	0	13	10	16	5	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	38	.....	.....	.....	.....	.....	.....	.....	4.50	+1.09	1.10	0	7	8	10	13	.....	T. J. Logan.
Georgetown	White	200	11	.....	.....	.....	.....	.....	.....	.....	7.25	+4.61	2.30	0	11	14	1	16	s.	W. R. Owens.
Gilbert	Searcy	675	1	.....	.....	.....	.....	.....	.....	.....	6.36	.....	2.90	0	12	6	15	10	.....	Ben F. Battenfield.
Grady	Lincoln	172	1	.....	.....	.....	.....	.....	.....	.....	5.09	.....	1.40	0	9	.....	.....	.....	.....	O. C. Des Jardin.
Grannis	Polk	900	6	79.5	.....	102	26	60	31	35	10.41	.....	4.83	0	16	6	20	5	w.	W. E. Mc Vay.
Gravette	Benton	1250	27	78.4	+ 1.2	100	9	47	31	40	1.76	−2.49	0.48	0	9	13	11	7	sw.	A. F. Stevens.
Harrison ††	Boone	1352	25	77.1	.....	102	1	51	31	36	8.18	+3.86	3.40	0	10	12	11	8	.....	G. L. Wright.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	3.52	+0.97	1.05	0	6	21	5	5	sw.	Claude Jones.
Helena	Phillips	193	52	85.0	+ 3.7	109	16	64	18†	38	4.32	−0.52	1.36	0	10	15	1	15	se.	James A. Burnett.
Higden	Cleburne	445	5	.....	.....	.....	.....	.....	.....	.....	5.22	.....	1.90	0	9	13	15	3	sw.	J. A. Ingram.
Hope ††	Hempstead	377	53	84.2	+ 3.6	104[a]	27	65[a]	19	32[a]	5.27	+0.75	2.70	0	7	19[a]	7[a]	4[a]	s.	N. P. O' Neal.
Hot Springs	Garland	600	33	.....	.....	.....	.....	.....	.....	.....	6.15	+1.90	.....	.....	.....	.....	.....	.....	.....	P. P. Patraw.
Huttig	Union	175	17	85.0[a]	+ 2.4	105[a]	13	69[a]	31	35[a]	3.83	−0.09	1.00	0	9	10	10	11	se.	J. L. Collett.
Jonesboro	Craighead	345	29	83.9	+ 4.0	106	2	60	31	35	1.76	−1.80	0.61	0	11	17	10	4	se.	Benedictine Sisters.
Junction ‡‡	Union	182	30	84.8	+ 2.9	105	26	62	18	36	7.44	+3.37	2.72	0	6	14	6	11	se.	J. A. Lowderback.
Lambrook	Phillips	155	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. A. Newton.
Little Rock	Pulaski	357	45	81.5	+ 0.6	99	1†	65	31	28	5.46	+1.47	1.72	0	14	6	16	9	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	80.4	+ 1.0	100	8	60	31	28	4.15	+0.65	1.10	0	10	8	18	5	ne.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	3.82	.....	1.68	0	12	17	11	3	.....	P. T. Simons.
Magnolia	Columbia	315	6	83.4[a]	.....	107[a]	26	62[a]	28†	40	4.36	.....	1.09	0	8	4[a]	18[a]	8[a]	e.	State Agri. School.
Malvern	Hot Springs	277	37	83.0	+ 2.0	103	26	62	18	32	10.11	+6.66	1.40	0	16	17	8	6	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	19	78.8	+ 0.8	99	1	54	29	35	2.29	−1.28	0.70	0	12	8	19	4	n.	F. M. Daniel.
Marianna	Lee	235	16	82.7	+ 2.5	103	16	64	18†	33	4.15	+0.45	1.24	0	8	5	22	4	s.	C. N. Houck.
Marked Tree	Poinsett	229	19	81.6[a]	.....	101	1†	55[b]	31	36[b]	2.30	−1.10	0.75	0	6	12	13	6	e.	Charles Walton.
Marshall	Searcy	1070	10	79.8	+ 1.0	102	4	55	19†	34	5.87	+2.60	1.44	0	12	11	8	12	s.	A. J. Park.
Mena	Polk	1185	38	80.6	+ 0.8	100	26	61	31	28	6.01	+1.96	1.25	0	14	14	9	8	sw.	E. W. St. John.
Morrillton	Conway	347	3	84.8	.....	104	1	64	18†	33	5.30	.....	1.30	0	9	9	11	11	sw.	Henry Harless.
Mountain Home	Baxter	800	11	78.0	+ 0.7	101	2	54	31	36	6.19	+1.77	2.00	0	9	5	14	12	w.	B. S. Halbert.
Mount Ida	Montgomery	650	25	81.0	+ 1.5	104	16	57	18	37	4.30	+0.78	0.96	0	11	6	20	5	sw.	G. A. Whittington.
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	4.93	+2.32	3.10	0	6	9	9	13	.....	Henry A. Davis.
Newport	Jackson	231	40	81.2	+ 0.2	105	4	62	17†	36	2.24	−0.92	1.15	0	7	7	20	4	n.	A. C. Wilkerson.
Osceola	Mississippi	240	26	82.4	+ 2.3	100	2	63	17	36	4.43	+0.87	2.08	0	5	12	4	15	s.	June Thomason.
Ozark	Franklin	450	28	81.6[b]	− 0.2	102[b]	26	59[b]	31	31[b]	5.00	+1.65	1.18	0	10	6[b]	6[b]	17[b]	se.	Isham Burrow.
Patterson	Woodruff	196	8	.....	.....	.....	.....	.....	.....	.....	3.14	−0.02	0.82	0	8	21	0	10	s.	W. E. Baker.
Piggott	Clay	307	1	.....	.....	.....	.....	.....	.....	.....	2.60	.....	0.85	0	7	19	10	2	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	4.08	.....	0.89	0	13	12	9	10	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	37	83.3	+ 1.1	103	26	66	18†	33	6.64	+3.12	1.42	0	17	11	6	14	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	30	81.6	− 0.1	102	2	59	18†	36	1.05	−3.47	0.20	0	10	8	16	7	n.	Benedicitine Sisters.
Portland	Ashley	122	18	84.6	+ 3.1	106	26	62	18	39	1.27	−3.23	0.67	0	5	1	22	8	s.	W. E. Edmiston.
Prescott	Nevada	329	36	83.9	+ 2.2	105	26	65	18	32	4.41	+1.29	2.15	0	10	11	7	13	sw.	C. D. Calhoun.
Princeton	Dallas	287	18	.....	.....	.....	.....	.....	.....	.....	9.17	+4.78	1.32	0	10	12	1	18	.....	Foote Coleman.
Rison	Cleveland	243	23	83.4[a]	+ 2.6	104[a]	1	64[a]	18	35[a]	7.33	+4.03	2.50	0	8	5[a]	17[a]	8[a]	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	77.5	+ 0.5	98	9	54	17	36	2.75	−1.36	0.70	0	12	9	13	9	s.	Carl A. Starck.
Searcy	White	236	11	81.8	+ 0.4	106	2	60	18†	39	2.60	+0.11	0.50	0	9	13	14	4	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	7.80	+4.22	3.50	0	10	21	0	10	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	5.67	.....	1.55	0	7	15	13	3	s.	S. C. Story.
Stuttgart	Arkansas	228	37	83.0	+ 2.3	103	16	64	30	33	3.30	−0.58	1.02	0	10	7	19	5	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	82.0	+ 0.7	102	1	62	31	31	6.74	+3.36	2.43	0	14	11	13	7	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	84.6	+ 2.3	107	26	62	1	34	5.09	−1.67	1.72	0	7	12	12	7	s.	H. S. Brashear.
Thornburg	Perry	350	1	.....	.....	.....	.....	.....	.....	.....	8.45	.....	3.30	0	11	13	15	3	w.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	8.80	.....	5.04	0	15	8	10	13	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	28	84.6[d]	+ 2.8	102	26	65[g]	18	33[g]	3.19	−0.24	1.35	0	6	12	13	6	s.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	6.40	.....	2.40	0	7	5	20	6	sw.	J. R. Hudleston.
Whitecliffs	Little River	290	20	.....	.....	.....	.....	.....	.....	.....	4.90	+2.76	2.80	0	5	12	6	13	sw.	Nannie O. Schirmer.
Wynne	Cross	250	18	82.6	+ 1.6	104	2†	61	31	38	4.43	+0.65	1.41	0	9	15	6	10	s.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	3.46	.....	0.93	0	13	14	3	14	.....	W. E. Barton.
State Means and Extremes				81.8	+ 1.9	109	16	47	31	42	4.99	+1.07	5.04	0	10	11	11	9	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and smmaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post-office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark., Dam No. 1, Judsonia, Ark.

Daily River Stages for July, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.3	5.3	5.1	5.0	4.9	5.2	5.2	5.2	4.9	4.8	4.7	4.5	4.4	4.5	4.6	4.0	3.8	3.8	3.7	3.6	3.7	3.9	4.3	5.4	6.3	5.6	6.1	5.7	5.3	5.0	5.2
Dardanelle	do	20	3.0	2.8	2.3	2.1	1.9	1.7	1.6	1.6	2.0	1.9	1.8	1.7	1.5	1.3	1.6	1.4	1.3	1.2	1.5	1.4	1.3	1.3	1.7	2.0	2.3	2.6	2.8	2.8	2.8	3.0	2.7
Little Rock	do	23	†0.3	†0.7	†0.3	†0.5	†0.8	†1.0	†1.2	†1.4	†1.3	†1.3	†1.2	†1.4	†1.4	†1.6	†1.6	†1.7	†1.7	†1.7	†1.8	†1.8	†1.8	†1.4	†0.8	0.5	0.5	†0.1	†0.1	†0.1	†0.1	0.4	0.1
Pine Bluff	do	25	3.9	3.4	3.4	3.7	3.4	3.2	3.0	2.7	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	2.0	2.1	2.0	1.9	2.4	2.8	4.2	4.6	4.1	4.1	4.1	4.0	3.8
Yancopin	do	14	10.9	10.4	9.9	9.4	9.2	9.3	9.3	9.1	8.9	8.4	7.7	7.1	6.7	6.4	6.4	6.4	6.4	6.2	6.0	5.6	5.5	5.6	5.7	5.8	6.0	6.4	7.4	7.4	7.2	7.1	7.1
Danville	Petit Jean	30	0.3	0.2	0.2	0.5	1.8	3.2	1.4	1.4	1.2	1.0	2.1	2.0	1.8	1.8	1.6	1.6	2.7	1.8	2.7	2.8	2.8	2.9	13.1	14.8	7.7	4.0	3.5	4.4	4.8	4.8	3.2

Continued on next page.

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
lico Rock	White	18	†0.1	†0.2	0.0	0.0	0.0	0.0	†0.2	†0.4	†0.4	†0.4	0.2	0.5	0.3	0.3	1.2	0.8	0.6	0.4	0.5	1.7	1.0	2.1	1.0	0.8	1.5	1.3	1.0	0.3	0.2	†0.1	0.0
tesville	do	23	4.8	4.6	4.5	4.6	4.9	4.8	4.6	4.6	4.4	4.3	4.4	4.9	5.2	5.3	5.2	6.7	5.6	5.4	5.3	5.3	6.5	6.2	7.0	5.8	5.6	6.3	6.2	5.7	5.1	4.9	4.7
wport	do	26	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7	2.2	1.9	1.7	1.9	2.3	2.3	2.2	2.0	2.0	2.0	2.1	1.8	1.6	1.6
m No. 1	Red		0.0	0.0	0.0	0.0	†0.2	†0.4	†0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	0.8	0.6	0.4	0.8	1.0	0.8	0.8	0.6	0.6	0.4
orgetown	White	22	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.8	0.6	0.6	0.4	0.4	0.2	0.2	0.2	0.6	0.6	0.6	1.0	1.2	1.2	1.2	1.4	1.6	1.6	1.6	1.2	1.0	1.0	1.0	1.0
rendon	do	30	9.2	9.0	8.6	8.3	8.2	8.0	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.2	7.2	7.3	7.3	7.4	7.7	7.8	7.8	7.8	7.9	8.1	8.2	8.3	8.2	8.1	8.0	8.0
bert	Buffalo	30	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
rning	Black	..	6.7	6.5	6.4	6.3	6.2	6.0	6.0	5.9	5.8	5 8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.3
ack Rock	do	14	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.5	2.6	2.5	2.3	2.3	2.2	2.0	1.9	1.9	1.9	1.8	1.8	1.5	1.3	1.3	1.3	1.3
tterson	Cache	9	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.7
rkadelphia	Ouachita	18	†0.6	†0.6	†0.3	†0.3	†0.2	†0.5	†0.6	†0.5	†0.6	†0.6	†0.6	†0.6	†0.5	†0.5	†0.3	†0.3	†0.1	†0.3	†0.3	†0.4	†0.1	†0.2	0.0	1.0	1.2	1.0	0.3	†0.4	0.6	1.5	1.5
mden	do	30	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3 4	3.3	3 3	3.2	3.3	3.3	3.3	3.2	3.3	3.4	3.5	4.4	4.4	4.2	4.0	3.9	3.9	5.0	4.9	4.9
lton	Red	28	6.6	6.2	6.2	6.0	5.9	5.8	5.7	5.7	5.6	5.6	6.6	5.5	5.5	6.4	6.9	6.6	6.2	5.8	5.5	5.5	5.3	5.2	5.2	5.1	5.1	5.1	5.0	5.2	5.8	7.0	8.0
ringbank	do	..	6.4	5.9	5.6	5.3	4.8	4.8	4.6	4.5	4.4	4.3	4.2	4.0	4.0	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	4.0	6.0	4.9
hitecliffs	Little	..	0.6	0.6	0.6	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	4.0	6.0	4.9
arked Tree	St. Francis	..	4.4	4.2	3.7	3.7	3.5	3.0	3.3	3.0	3.0	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2 3	2.4	2.4	2.2	1.9	2.1	2.3	2.7	2.5	2.4	2.4	2.3	2.2	2.1	2.2
elena	Mississippi	44	18.2	17.7	17.2	17.0	17.0	17.4	17.6	17.3	16.5	15.4	14.4	13.9	13.8	14.0	14.2	14.2	13.7	13.0	12.5	12.3	12.5	12.7	12.9	12.6	12.4	12.1	11.5	10.7	10.5	10.7	10.9
rkansas City	do	48	21.3	20.9	20.7	20.2	20.0	19.8	19.9	20.1	20.0	19.5	18.6	17.8	16.8	16.2	16.1	16.1	16.2	16.0	15.6	15.0	14.5	14.4	14.7	14.9	14.9	14.6	14.3	14.0	13.4	13.0	12.8

† Below zero of gage.

Daily Precipitation for July, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita	....	....	.30	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	.60	....	....	....	....	....	....	.55	....	2.75
rkadelphia	Ouachita	....	1.50	....	....	.96	....	....	....	....	....	....	....	....	.70	.55	....	....	....	2.30	.50	...	.30	.05	.05	....	....	....	.90	.15	....	.75	8.71
rkansas City	Mississippi	....	....	....	....	T.	.10	....	....	....	....	....	....	....	.30	....	T.	.75	....	.15	.25	T.	.04	.28	.14	....	....	.03	.30	1.25	....	.18	3.77
rlberg	White	....	....	....	....	....	....	.65	.15	.40	....	....	....	.35	.70	....	....	....	.10	2.85	....	.45	....	....	.20	....	.10	.10	....	....	.30	....	6.35
atesville	White	....	....	....	.88	.31	T.	....	.06	.21	....	....	....	....	.40	.09	....	....	....	.55	T.	.32	.86	....	T.	T.	....	T.	T.	....	....	.26	3.94
ee Branch	Arkansas	....	....	.27	....	....	T.	....	.77	....	....	....	....	.37	....	.37	....	....	T.	1.90	....	.45	T.	T.	.06	....	....	.19	T.	....	.90	....	5.28
entonville	Arkansas	....	....	....	.09	.29	....	.19	....	....	....	....	....	.08	T.	....	....	....	.23	.10	.07	.33	....	.37	.04	....	.06	.52	....	....	.03	....	2.40
lack Rock	White	....	....	....	T.	.03	.06	....	....	.02	....	2.48	....	....	.12	.82	....	....	....	.11	.04	.55	.01	....	....	.03	.34	....	....	....	T.	4.61
ooneville	Arkansas	.01	....	.03	....	.39	....	....	.08	....	....	.64	....	.21	....	.03	....	....	T.	.02	T.	.09	2.61	.14	T.	....	....	T.	.08	....	.40	....	4.73
rinkley	White	....	....	.02	....	T.	.14	....	.27	.14	....	....	....	T.	T.	....	....	....	....	.38	....	.19	2.00	.28	....	....	....	.08	T.	.24	....	.58	4.32
alico Rock	White	....	....	....	.46	.06	.02	.08	.02	.02	....	.75	....	.04	.70	.51	....	....	....	.91	.11	.06	.84	....	T.	.02	T.	.06	.08	....	....	.25	4.99
amden	Ouachita	.69	....	....	....	....	....	....	....	.03	....	....	....	....	.09	1.60	..	....	....	1.24	.44	...	.14	.19	....	.02	....	....	1.76	.36	.15	.03	6.74
enter Point	Red	....	T.	.12	.33	T.	....	....	....	.22	....	.07	....	1.57	.19	....	....	....	....	.38	T.	....	.64	....	.04	....	....	....	2.06	09	.20	....	5.91
larendon	White	....	.02	....	....	.33	.03	....	.38	....	....	....	....	....	.05	....	....	.03	....	.25	.02	.14	.60	.72	.03	....	....	T.	T.	.57	....	.42	3.59
linton	White	.09	....	....	....	T.	T.	....	T.	....	.12	....	....	.10	.08	....	....	....	T.	1.90	....	....	.45	....	T.	....	T.	....	....	....	.33	....	3.07
onway	Arkansas	..	....	....	....	.45	....	....	.75	.02	.52	....	....	.06	....	.87	....	....	.14	2.33	.26	.16	1.51	....	....	....	....	....	.11	....	.45	.31	7.94
orning	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	.14	....	....	....	....	....	....	....	0.59
am No. 1	White	....	....	....	....	....	....	T.	....	....	....	....	....	.45	.75	....	....	....	....	.70	....	2.10	.30	....	....	....	....	....	....	....	.34	....	4.64
anville	Arkansas	....	....	T.	....	.55	2.22	....	....	....	....	.32	....	....	....	....	....	....	....	2.50	....	T.	2.00	48	.05	..	....	....	1.10	....	....	.38	9.60
ardanelle	Arkansas	....	....	....	....	....	.74	....	....	.14	....	....	....	....	....	.25	....	....	....	1.35	....	....	1.60	.22	....	....	....	....	.22	....	....	1.50	6.02
umas	Mississippi	T.	.20	....	.03	T.	....	....	T.	....	T.	....	.41	....	T.	....	.38	....	....	.94	T.	.05	.42	.26	.03	....	....	.75	1.03	....	.52	T.	5.02
utton	White	T.	....	T.	....	33	....	....	....	T.	.49	1.15	....	.37	....	.10	....	....	.37	1.06	....	.30	.04	.16	....	....	.57	.54	.02	....	.58	....	6.08
l Dorado	Ouachita	.15	.05	....	....	.22	....	....	....	.70	.32	...	.28	....	.18	3.00	....	....	....	1.64	.16	....	....	T.	....	....	....	....	.54	.72	.85	.05	8.86
ngland	Arkansas	....	T.	T.	....	.08	..	....	.32	.04	....	....	....	....	.35	....	....	....	....	1.19	....	.14	1.50	.11	T.	....	....	.05	.50	....	.51	.17	4.96
ureka Springs	White	....	....	....	....	.27	....	.21	..	....	.10	.40	...	1.00	....	....	....	....	.52	.31	.19	1.80	....	.23	....	....	....	.42	....	....	.10	....	5.46
ayetteville	White	....	....	....	1.07	.30	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	.12	....	....	.41	....	2.55
ort Smith	Arkansas	.01	.28	T.	.01	.98	....	....	.21	....	T.	T.	....	.66	T.	....	....	....	T.	.06	T.	.98	1.09	.17	....	....	....	.32	T.	....	.62	....	5.39
reeman Springs	Arkansas	....	.38	....	.55	....	T.	....	.05	.27	....	1.72	..	....	.38	....	....	....	....	1.18	....	.51	.04	....	.08	....	....	.13	.06	....	....	.30	5.65
ulton	Red	....	....	....	....	....	....	....	....	....	.27	....	....	....	....	1.10	....	....	....	.78	.07	....	....	....	....	....	....	1.05	.23	1.00	....	....	4.50
eorgetown	White	....	....	....	....	.06	....	....	1.25	....	.55	....	....	....	.10	1.20	....	....	....	.50	....	30	2.30	....	....	....	T.	....	.55	.04	....	.40	7.25
ilbert	White	....	T.	....	....	04	..	T	....	....	T.	T.	2.90	....	.11	.50	.67	....	....	.60	....	.40	.21	....	.05	....	....	.03	.40	....	....	.45	6.36
rady	Arkansas	....	....	....	.10	..	....	.09	....	....	....	....	....	....	....	....	.65	....	....	.65	....	....	1.40	.50	....	....	....	.50	.60	....	.60	....	5.09
rannis	Red	....	....	....	.04	.14	....	....	T.	.10	T.	.08	.78	.14	.11	....	....	....	....	.74	....	..	.87	.90	.06	....	....	.03	4.83	.22	1.34	.03	10.41
ravette	Arkansas	....	....	....	....	....	.12	....	....	....	....	....	....	T.	....	.04	....	....	.23	.05	T.	.29	....	.32	.05	....	....	.48	....	....	12	....	1.70
Harrison	White	....	....	T.	.24	.13	....	....	....	T.	1.90	....	....	.17	.92	..	....	....	.41	....	3.40	T.	....	.04	....	....	....	.82	....	....	.15	....	8.18
Heber Spring	Red	....	....	....	.04	....	....	.55	....	....	....	....	....	.48	....	....	....	....	....	1.05	.85	....	....	....	....	....	....	....	....	....	.55	....	3.52
Helena	Mississippi	....	....	....	....	.70	.06	....	.04	....	....	....	....	....	....	....	....	.04	....	T.	....	.04	1.18	.58	....	....	.02	....	T.	.30	....	1.36	4.32
Higden	White	....	....	....	.02	..	....	.05	.33	....	.44	....	....	....	1.30	....	....	....	....	1.90	....	.67	....	....	....	.03	....	....	....	....	.47	....	5.22
Hope	Red	....	T.	....	.11	.05	....	....	....	T.	T.	....	.12	.29	1.34	....	....	....	....	....	....	....	....	....	....	....	....	2.70	.66	....	....	....	5.27
Hot Springs	Ouachita	....	T	08	.56	05	....	....	.78	....	02	T.	....	T.	....	.15	....	....	....	‡	‡	‡	2.05	.02	.04	....	....	T.	1.95	....	.45	....	6.15
Huttig	Ouachita	....	....	....	....	....	....	....	.05	....	....	....	....	....	1.00	.70	....	....	....	.48	....	....	.35	....	....	....	....	.40	.65	.10	.10	3.84
onesboro	White	....	....	....	.01	.15	....	....	.29	....	....	....	....	.15	....	....	....	....	....	....	.02	.03	....	....	....	.61	.12	.04	....	....	.33	.01	1.76
unction	Ouachita	....	....	....	....	....	....	T.	T.	....	....	....	....	.41	2.72	....	....	....	....	1.09	....	....	....	....	....	....	....	T.	.74	2.29	....	.19	7.44
Little Rock	Arkansas	....	T.	.28	.06	.30	..	.20	.22	....	....	T.	....	.08	.53	....	....	....	.14	1.58	....	.13	1.00	.04	1	....	....	T.	.55	...	.35	....	5.46
utherville	Arkansas	....	T	.45	....	....	....	....	T.	....	T.	.13	....	.64	....	.26	....	....	.28	1.10	....	.10	....	.13	.04	....	....	T.	T.	....	1.02	....	4.15
cGel ee	Mississippi	....	....	....	.08	.12	....	....	....	....	....	....	....	.12	....	....	....	.37	.03	.64	....	.02	.28	.07	....	....	....	.02	1.68	....	.09	....	3.82
Magnolia	Red	.22	....	....	....	....	....	....	....	....	.24	....	.05	.15	.95	....	....	....	....	.63	....	....	....	....	....	....	....	....	1.03	1.09	....	....	....	4.36
Malvern	Ouachita	.76	....	.45	....	.10	.03	....	....	....	.35	....	....	....	.03	1 30	.40	....	....	1.30	.62	....	.86	1.40	....	....	....	....	.65	1.05	.15	.66	10.11
Mammoth Spg	White	....	....	.45	....	....	.03	....	....	....	03	....	....	.30	.70	....	....	....	.23	.27	.08	.02	....	....	....	.02	.03	....	....	....	.13	....	2.29
Marianna	Mississippi	....	....	....	.48	....	....	94	....	....	....	....	....	....	....	....	....	....	....	....	.18	1.24	.35	....	....	....	....	....	.19	....	.68	.09	4.15
Marked Tree	Mississippi	....	....	....	....	T.	....	....	....	.30	....	....	....	....	T.	....	....	....	....	....	....	.43	.12	....	....	....	.01	.75	...	....	....	.69	2.30
Marshall	White	T.	..	T.	.2	1.44	T.	....	....	....	.25	....	.22	.90	....	....	....	....	.06	1.29	.02	.56	.63	T.	....	....	T.	.21	....	....	.07	....	5.87
Mena	Ouachita	.30	....	....	....	1.25	.25	....	....	....	T.	....	....	....	.28	.89	....	....	....	.02	....	.01	1.11	.06	.03	....	....	.67	.15	.10	.89	6.01
Morrillton	Arkansas	....	....	.65	....	.45	.10	....	.65	....	....	....	....	....	.85	....	....	....	....	1.30	.20	.20	....	....	....	....	....	....	....	....	.90	....	5.30
Mountain Home	White	....	....	.03	....	....	....	....	1.20	....	.17	....	....	.84	2.00	....	....	....	....	1.64	.07	T.	....	....	.07	T.	....	....	....	....	.17	....	6.19
Mount Ida	Ouachita	..	.02	....	.17	.25	....	....	....	.09	....	....	....	.35	....	....	....	....	....	.85	....	....	.96	.02	.06	....	....	....	.77	....	.76	....	4.30
Murfreesboro	Ouachita	.	T.	T.	....	T.	..	....	....	.24	....	....	....	....	....	....	....	....	.57	....	T.	....	64	....	....	....	....	3.10	T.	T.	.15	.23	4.93
Newport	White	....	....	....	.12	....	....	....	.50	....	....	....	....	.10	.02	....	....	....	....	.20	....	....	1.15	....	....	....	....	....	....	....	.15	....	2.24
Osceola	Mississippi	....	....	....	....	....	....	T.	....	.04	..	T.	....	....	....	....	.05	..	....	....	....	2.10	....	....	....	T.	....	.16	....	....	....	2.08	4.43
Ozark	Arkansas	..	..	....	1.11	1.18	T.	....	.08	....	....	....	....	.21	....	.60	....	....	....	....	....	.30	.80	.02	....	....	....	....	.28	....	.42	....	5.00
Patterson	White	....	....	....	....	....	....	....	.46	..	....	....	....	....	.05	.30	....	....	....	.21	....	.77	.23	....	....	....	....	.82	....	....	....	.30	3.14
Piggott	Mississippi	....	....	....	....	....	....	....	.15	..	.61	....	....	....	....	....	....	....	....	....	.63	....	....	....	....	.85	.12	.12	....	....	.12	....	2.60
Pindall	White	....	....	.27	.04	.03	....	....	....	....	.89	....	....	.63	.17	....	....	....	.11	.62	.04	.53	....	.03	....	....	....	.63	....	....	.09	....	4.08
Pine Bluff	Arkansas	....	....	.51	....	T	.01	..	....	.08	.35	....	....	....	.06	.10	.45	.81	....	.50	1.42	T	.56	.75	.01	T.	....	.15	.09	.57	....	.22	6.64
Pocahontas	White	....	....	....	....	.05	.05	....	.10	....	....	....	....	.20	....	....	....	....	....	.05	.07	.15	....	....	....	....	.10	....	....	....	.08	.20	1.05
Portland	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.24	....	....	....	....	....	.21	....	.67	....	....	....	.08	....	.07	....	....	....	1.27
Prescott	Ouachita	....	T.	....	.12	T.	....	....	T.	T.	....	....	....	.20	....	....	....	....	....	.92	T.	.31	....	.17	.07	....	....	....	2.15	.19	.22	.06	4.41
Princeton	Ouachita	....	....	1.32	....	....	....	....	....	....	.08	....	....	....	.89	....	....	....	....	.81	1.19	...	.80	1.07	....	....	....	....	1.07	1.05	....	.89	9.17
Rison	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	.70	....	.24	.15	....	....	1.95	.40	....	.84	....	T.	....	....	....	2.50	....	1.45	....	7.33
Rogers	Arkansas	....	....	....	.70	.05	....	.09	....	....	T.	....	....	.20	....	....	....	....	.24	.35	.05	.54	....	.11	....	....	.05	.25	....	....	.10	....	2.75
Searcy	White	....	....	T.	....	T.	....	....	.50	....	....	....	....	.50	....	.40	....	....	....	.40	.10	.50	.05	....	T.	T.	T.	.10	T.	....	.05	....	2.60
Springbank	Red	.54	....	T.	....	....	.12	....	....	T.	.26	....	.3	....	....	.32	T.	....	....	.65	T.	....	....	....	....	....	....	....	.40	1.55	3.50	.16	7.80
Story	Ouachita	..	....	.26	....	....	T.	....	....	....	....	.38	....	.32	....	....	....	....	....	1.55	....	....	.98	1.48	....	....	....	.70	....	T.	....	....	5.67
Stuttgart	Arkansas	....	....	....	....	.15	....	....	.12	....	....	....	....	.03	....	.05	....	....	....	....	.60	....	.22	1.02	.27	....	....	....	.37	....	.47	3.30
Subiaco	Arkansas	.51	.13	.22	.06	....	....	....	....	....	.60	....	.08	.22	....	....	....	....	.51	....	.80	2.43	.09	.02	....	....	....	.33	....	....	.74	....	6.74
Texarkana	Red	....	....	....	....	....	....	....	....	....	.60	....	.52	....	.15	.40	....	....	....	....	....	....	....	....	....	....	....	....	.10	1.60	1.72	....	5.09
Thornburg	Arkansas	....	....	.30	1.00	....	....	....	.90	....	.20	....	....	.20	.30	....	....	....	....	1.50	....	....	3.30	.05	....	....	....	....	.30	....	.40	....	8.45
Waldron	Arkansas	....	.04	....	.05	..	....	.64	....	.02	.04	....	....	1.40	....	.41	....	....	.05	.33	....	.87	4.17	.03	....	....	....	.02	.17	....	.56	....	8.80
Warren	Ouachita	....	.15	....	....	....	....	....	....	....	T.	....	....	.14	.15	....	....	....	....	.85	....	....	.55	T.	....	....	....	....	1.35	..	....	....	3.19
Waters	Ouachita	....	....	....	....	1.10	....	....	....	.70	....	....	....	....	....	....	....	....	....	.40	....	....	2.40	....	....	....	....	....	.65	.10	1 05	....	....	6.40
Whitecliffs	Red	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	.80	....	....	....	....	....	....	....	....	....	....	....	2.80	.30	.90	....	....	4.90
Wynne	Mississippi	....	....	....	....	.45	....	....	....	T.	....	....	....	.02	T.	....	....	....	....	.10	....	.73	1.41	....	....	....	.15	.02	.65	T.	....	.90	4.43
Yancopin	Arkansas	....	....	....	....	.04	.11	..	....	.04	....	....	....	....	T	....	....	.05	....	.08	.09	.04	.93	.27	.26	....	....	.69	T.	.61	....	.25	3.46

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Included in next regular measurement.

Daily Temperatures for July, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	101	98	95	92	95	101	104	100	103	100	91	100	98	97	96	103	97	94	90	90	89	85	85	92	100	102	95	89	84	79	77	94.
	Minimum	68	69	71	71	71	71	73	70	75	73	76	67	74	71	70	72	70	62	70	74	75	73	74	75	70	71	76	71	71	70	68	71.
Batesville§§	Maximum	101	104	102	96	92	96	94	98	95	93	91	99	89	93	97	99	91	91	88	85	84	85	85	90	99	86	86	83	86	77	77	91.
	Minimum	63	68	68	70	69	72	72	78	73	73	73	69	74	72	70	68	58	57	66	71	73	71	65	71	71	73	72	72	56	64	61	68.
Bee Branch	Maximum	105	104	102	98	99	100	97	97	97	97	95	97	95	95	96	100	95	90	88	89	83	89	87	92	98	94	88	87	89	90	76	93.
	Minimum	68	69	69	69	67	71	72	71	73	62	70	70	73	69	68	72	64	61	65	70	72	72	67	72	70	75	74	72	61	68	69	69.
Bentonville	Maximum	97	95	95	94	93	92	84	94	97	90	91	92	89	92	92	92	89	74	90	85	77	84	79	93	93	94	80	81	85	72	72	88.
	Minimum	68	69	72	70	69	70	74	71	71	70	69	71	70	67	68	63	56	63	66	71	69	64	69	68	74	76	69	64	58	61	56	67.
Booneville	Maximum	102	99	97	97	96	96	98	95	100	97	93	97	95	95	96	102	96	94	93	94	85	79	83	93	101	100	93	87	83	80	81	93.
	Minimum	68	66	74	68	71	70	72	75	71	74	71	70	72	70	70	71	69	63	68	73	73	71	72	74	71	74	77	70	69	69	61	70.
Brinkley	Maximum	103	101	100	101	94	100	100	100	100	100	94	100	94	101	102	103	95	96	92	94	85	90	85	91	101	94	91	84	90	85	81	95.
	Minimum	72	73	70	73	70	73	83	74	74	74	72	72	74	71	70	72	68	62	67	71	73	72	66	73	73	78	74	74	64	69	69	71.
Calico Rock§§	Maximum	106	105	104	97	93	99	93	99	98	95	91	98	91	94	95	97	90	87	87	81	83	91	84	93	98	87	85	86	89	80	80	92.
	Minimum	65	68	68	70	68	70	72	76	72	73	71	71	73	68	69	71	60	60	64	69	74	69	67	70	71	74	74	71	58	61	60	68.
Camden§§	Maximum	96	97	97	99	97	99	97	101	95	94	93	101	104	101	91	100	94	96	84	90	88	83	89	90	100	102	95	81	77	88	85	93.
	Minimum	67	71	70	74	73	74	76	76	73	70	74	70	71	71	69	72	75	62	68	70	76	75	74	77	71	75	77	70	71	70	69	72.
Center Point	Maximum	100	98	97	99	96	100	100	100	99	95	90	101	99	97	92	100	99	93	87	91	91	84	89	95	103	103	97	86	78	86	80	94.
	Minimum	69	72	71	71	72	73	75	78	73	72	73	70	70	71	70	74	76	73	69	72	76	72	73	75	73	76	78	69	71	70	67	72.
Conway	Maximum	103	101	101	99	95	99	97	95	95	96	92	96	94	98	94	99	95	98	86	90	84	84	91	90	97	96	84	86	84	78	73	3.
	Minimum	71	70	70	75	70	73	73	74	74	74	72	71	76	69	69	72	67	63	65	72	66	70	71	70	72	76	76	74	64	69	63	70.
Corning	Maximum	100	104	93	101	101	99	95	102	98	95	94	98	95	100	105	102	93	96	97	87	90	92	93	94	100	94	92	89	92	90	76	96.
	Minimum	62	71	73	70	71	75	77	74	73	75	72	73	75	67	73	64	57	56	68	70	71	66	83	74	73	74	72	70	50	67	60	69.
Dardanelle	Maximum	100	98	99	96	95	98	98	99	99	97	99	97	94	94	99	100	98	92	96	93	95	94	91	98	100	99	94	96	96	92	92	6.
	Minimum	71	70	71	69	71	70	73	76	75	77	70	74	71	68	69	74	72	67	64	67	70	69	70	6	72	78	75	72	72	70	66	70.
Dumas	Maximum	101	102	102	103	97	102	96	99	97	99	98	102	99	98	96	100	95	97	85	95	85	84	86	93	100	102	96	81	96	88	81	95.
	Minimum	69	71	70	76	74	72	75	78	71	72	73	71	73	72	72	74	69	69	72	67	72	74	69	71	70	73	75	71	72	72	73	71.
Dutton	Maximum	94	92	92	92	93	90	83	94	95	91	87	88	86	87	90	92	86	76	83	83	78	81	76	87	92	77	76	81	82	74	72	85.
	Minimum	61	60	63	61	63	66	67	67	63	69	62	62	67	59	62	60	50	54	62	65	68	64	64	66	64	68	67	66	67	60	5.	62.
El Dorado	Maximum	98	99	99	100	96	101	101	95	96	92	91	97	100	100	100	99	97	97	92	91	90	86	93	93	101	103	101	95	78	90	8.	95.
	Minimum	69	72	73	71	74	74	77	76	72	70	72	73	75	76	69	74	76	66	68	72	77	75	74	76	74	79	77	70	71	76	68	73.
England	Maximum	101	99	100	100	94	100	99	97	97	98	95	99	93	102	95	101	93	94	83	85	91	94	84	85	91	106	98	90	84	89	80	93.
	Minimum	67	70	67	72	72	72	76	73	71	71	70	69	73	70	69	70	69	60	66	70	75	70	69	71	70	75	74	72	73	73	73	71.
Eureka Springs	Maximum	99	97	97	98	95	95	90	99	94	91	93	91	90	91	94	94	91	82	88	86	83	86	78	92	94	91	85	83	86	75	72	89.
	Minimum	69	72	72	71	66	69	72	71	71	72	70	73	76	66	64	69	58	61	63	69	68	62	66	68	73	84	68	64	55	65	52	67.
Fayetteville	Maximum	97	95	94	96	92	94	88	95	89	91	88	89	90	92	90	95	90	92	86	88	92	87	86	93	97	98	88	87	89	82	71	90.
	Minimum	78	78	72	69	69	74	71	82	68	72	76	78	76	72	74	66	56	64	66	66	71	67	69	69	72	79	73	62	71	58	55	70.
Fort Smith	Maximum	100	98	95	95	96	98	91	97	99	93	89	95	95	93	93	98	94	83	95	89	80	79	81	98	101	100	82	85	87	76	77	91.
	Minimum	71	73	75	73	72	72	77	78	77	76	73	74	72	70	72	75	69	68	68	73	73	73	72	73	76	79	76	78	69	67	64	72.
Grannis	Maximum	94	93	94	94	88	94	94	97	96	95	90	100	94	89	94	99	93	91	91	91	90	90	83	85	92	102	92	84	77	77	75	90.
	Minimum	63	66	68	65	63	66	78	73	72	76	84	69	66	66	63	69	71	63	63	62	67	69	70	63	76	67	79	70	63	62	67	68.
Gravette	Maximum	99	95	96	96	94	99	88	98	100	94	92	93	92	93	94	94	90	87	94	87	84	86	80	95	96	96	85	82	86	80	72	90.
	Minimum	67	65	68	68	66	69	72	68	66	73	69	69	73	65	66	62	50	53	66	70	69	63	66	68	72	76	68	65	57	69	47	66.
Helena§§	Maximum	106	107	105	106	100	103	97	103	99	97	99	104	106	104	108	109	101	102	96	98	83	90	92	98	104	100	99	87	95	84	87	98.
	Minimum	67	68	71	71	70	74	75	76	73	73	72	72	76	73	73	74	70	64	70	76	78	73	80	92	98	104	100	99	87	95	84	87.
Hope	Maximum	98	97	100	99	101	101	102	97	101	97	. .	94	102	98	95	93	106	95	97	89	90	93	95	98	102	104	97	89	98	83	95	95.
	Minimum	69	74	72	73	73	74	76	78	75	70	....	73	73	73	71	70	73	76	65	71	71	72	76	73	76	73	74	70	77	71	70	72.
Hot Springs	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Huttig	Maximum	....	....	....	103	103	103	104	99	98	98	100	102	105	98	101	100	101	98	97	90	94	86	92	97	100	....	103	95	87	92	92	97.
	Minimum	....	....	....	70	70	74	76	72	72	72	72	71	74	74	71	74	78	63	72	69	69	74	78	76	73	....	77	71	72	70	68	72.
Jonesboro	Maximum	102	106	105	104	100	102	99	103	99	97	93	102	95	98	97	103	95	97	96	94	91	93	96	98	105	93	90	89	87	88	82	96.
	Minimum	67	76	74	72	71	75	77	75	73	74	72	74	77	71	73	70	64	63	68	70	74	72	69	73	71	76	74	73	62	65	60	71.
Junction	Maximum	102	103	103	101	102	101	100	103	104	93	101	103	102	104	93	102	94	96	86	93	92	88	93	96	102	105	95	84	90	92	84	96.
	Minimum	69	67	68	70	71	72	73	78	75	68	73	72	78	72	75	73	74	62	75	70	77	75	76	77	75	78	76	74	73	72	74	72.
Little Rock	Maximum	99	97	96	96	91	95	94	95	93	92	91	86	87	96	94	99	90	96	53	88	81	85	81	89	97	99	89	83	86	77	77	90.
	Minimum	74	74	72	72	72	75	75	74	75	74	74	73	75	68	70	76	76	74	70	67	71	76	74	74	74	80	78	72	68	70	67	72.
Lutherville	Maximum	99	97	96	95	91	95	95	100	99	97	92	94	86	91	92	95	89	84	85	87	87	85	78	91	95	95	81	85	87	86	74	90.
	Minimum	71	70	70	68	68	72	73	75	78	73	70	72	67	68	71	68	65	65	78	74	71	67	72	73	75	78	74	71	64	68	66	72.
Magnolia	Maximum	102	98	102	101	100	102	102	99	98	93	90	98	102	100	93	99	98	98	87	93	92	93	96	....	102	107	100	96	79	87	82	96.
	Minimum	68	65	73	72	73	72	77	78	72	70	66	70	73	75	70	75	73	64	71	73	77	75	74	....	75	67	69	62	62	62	57	70.
Malvern	Maximum	100	101	97	100	97	100	98	98	94	97	95	100	101	101	95	102	95	94	87	90	86	84	87	91	100	103	97	95	88	79	81	94.
	Minimum	69	71	69	72	71	73	78	76	74	72	73	69	74	70	69	76	74	67	73	77	75	74	73	75	73	76	78	75	72	76	73	73.
Mammoth Spg. §§	Maximum	99	98	96	91	94	95	90	98	91	86	92	97	92	91	92	93	88	88	88	89	86	87	84	95	95	88	88	84	87	79	76	90.
	Minimum	64	68	68	69	68	70	72	74	72	74	69	69	75	66	68	67	59	59	62	68	70	66	65	67	70	72	70	68	54	68	58	67.
Marianna	Maximum	100	100	100	98	97	100	96	97	94	93	95	99	99	98	99	103	93	93	93	88	83	87	81	91	98	96	96	85	88	84	80	94.
	Minimum	68	73	71	72	71	71	73	74	71	75	73	73	72	72	73	70	71	64	70	69	74	72	69	74	74	76	77	71	68	66	61	71.
Marked Tree §§	Maximum	101	101	100	96	100	96	98	97	94	92	100	99	98	100	100	94	96	91	90	88	90	93	91	101	95	88	85	88	87	82	81	95.
	Minimum	....	....	70	72	73	76	74	73	75	72	72	75	70	72	69	62	60	65	71	72	71	67	70	72	75	73	72	59	63	64	55	69.
Marshall	Maximum	100	101	99	102	95	96	96	97	97	93	90	96	92	92	91	95	89	87	86	87	82	85	86	92	97	91	88	81	86	82	74	91.
	Minimum	76	68	68	68	65	71	74	76	75	72	71	70	72	68	63	68	68	58	55	72	71	69	66	72	71	74	70	74	68	65	72	71.
Mena	Maximum	95	94	95	94	89	95	93	97	98	93	92	95	98	95	96	97	91	89	91	88	89	82	85	95	98	100	96	84	84	76	76	91.
	Minimum	67	67	70	68	68	72	75	76	71	68	71	69	72	67	69	69	68	62	68	71	74	71	72	72	75	73	74	68	70	67	61	69.
Morrillton	Maximum	104	100	99	99	100	98	96	98	98	99	99	99	98	100	100	101	99	96	95	96	95	96	95	94	102	103	101	100	99	100	97	98.
	Minimum	75	71	69	69	70	73	73	74	75	75	73	72	70	68	68	73	70	64	66	72	76	70	70	74	73	77	73	76	66	68	64	71.
Mt. Home	Maximum	100	101	99	100	95	99	92	100	98	89	92	94	90	94	94	95	89	83	87	85	82	86	81	93	94	86	84	82	86	81	77	90.
	Minimum	61	67	65	65	65	68	70	71	79	72	67	68	69	64	65	67	58	58	64	67	71	63	64	68	70	70	70	67	55	61	54	65.
Mt. Ida	Maximum	97	96	96	99	94	95	99	97	96	97	93	96	101	99	95	104	99	94	89	92	89	82	86	92	101	102	96	86	86	73	80	93.
	Minimum	64	65	68	67	70	70	69	63	70	69	69	64	68	67	69	69	69	57	68	70	72	72	71	71	73	69	74	70	72	67	58	68.
Newport	Maximum	103	96	98	105	96	101	98	100	99	100	97	100	94	87	95	94	94	90	90	84	86	81	82	86	89	85	85	87	87	82	78	91.
	Minimum	67	72	70	70	71	76	76	74	74	75	75	71	74	72	73	70	62	62	66	71	71	72	67	72	73	75	74	74	61	66	62	70.
Osceola	Maximum	93	100	97	98	94	96	93	94	95	93	91	96	97	96	95	97	99	91	90	99	87	86	88	89	91	90	89	89	89	84	83	92.
	Minimum	68	76	75	7.	74	74	78	77	75	76	74	75	76	72	7.	72	63	65	71	74	74	73	72	77	75	76	75	74	64	69	63	72.
Ozark	Maximum	101	100	98	97	95	95	93	95	99	98	93	96	88	95	96	101	92	85	....	....	....	91	82	82	91	100	102	90	86	88	80	79	92.
	Minimum	78	69	70	69	70	71	74	75	74	75	74	71	72	68	7.	72	62	65	....	....	....	66	68	7.	73	75	76	72	67	68	58	59	0.
Pine Bluff	Maximum	102	97	99	100	97	101	99	100	99	97	96	101	97	95	98	102	94	92	85	90	84	82	82	88	99	103	91	86	86	85	85	93.
	Minimum	71	73	70	67	74	76	78	77	74	72	73	72	78	72	72	74	71	66	69	71	78	73	71	75	73	79	75	74	70	71	66	72.
Pocahontas	Maximum	101	102	101	98	95	97	94	99	95	94	91	98	95	98	99	98	91	94	89	89	89	91	91	94	100	91	91	89	91	85	81	93.
	Minimum	65	72	72	69	72	74	72	74	72	74	69	72	73	68	72	67	64	59	67	69	71	68	66	70	70	75	71	72	59	65	61	69.
Portland	Maximum	102	101	102	103	102	102	100	101	98	92	99	100	10.	100	96	104	100	101	96	94	89	85	91	94	103	106	98	91	81	95	8.	97.
	Minimum	67	69	69	76	75	73	73	77	71	73	76	72	73	70	73	74	74	62	71	70	75	72	75	75	72	79	75	73	71	70	70	72.
Prescott	Maximum	98	96	98	100	98	99	99	100	98	96	98	99	103	100	94	102	99	97	95	95	89	90	87	94	99	105	96	86	82	85	84	95.
	Minimum	68	72	70	72	73	70	75	77	75	70	75	70	74	72	69	72	76	65	71	71	77	75	74	73	71	73	73	69	70	70	69	73.
Rison	Maximum	104	101	101	101	98	103	98	100	100	101	100	102	101	100	94	100	94	97	86	90	85	84	84	91	....	102	93	86	89	85	81	95.
	Minimum	69	73	70	76	75	75	71	77	72	73	72	73	74	71	69	72	71	64	67	70	76	72	73	75	....	73	78	71	70	70	66	71.
Rogers	Maximum	97	95	91	96	92	92	86	93	98	89	91	92	88	93	93	93	90	77	89	83	80	85	80	94	95	92	84	81	87	77	72	88.
	Minimum	66	65	73	69	67	69	73	69	69	72	67	68	71	65	67	65	54	60	66	66	69	65	65	67	70	73	69	69	59	66	55	66.
Searcy	Maximum	103	106	104	101	99	101	104	96	99	97	94	101	97	98	96	101	92	92	86	98	81	88	81	90	97	89	84	87	86	79	79	92.
	Minimum	67	67	67	68	71	72	71	71	73	71	71	68	72	69	68	71	65	60	65	68	71	70	65	70	70	73	71	72	69	65	64	68.
Stuttgart	Maximum	100	102	102	102	96	100	97	97	98	97	95	99	93	101	100	103	95	97	89	92	82	78	86	90	99	99	93	83	89	81	80	94.
	Minimum	70	73	69	74	72	74	76	76	72	73	72	71	76	69	70	72	72	66	67	71	77	72	70	73	73	79	77	72	68	69	64	71.
Subiaco	Maximum	102	97	99	95	99	99	95	101	100	95	98	95	95	98	101	95	88	93	94	88	82	84	94	99	100	87	88	87	88	81	78	93.
	Minimum	71	73	70	69	71	74	76	74	75	70	71	73	69	69	73	68	66	66	76	73	69	71	72	72	73	79	77	72	68	69	62	71.
Texarkana	Maximum	99	99	99	100	100	100	101	100	101	94	88	96	101	101	100	102	100	100	96	96	97	96	98	98	104	107	106	96	87	85	86	98.
	Minimum	62	66	73	72	73	73	73	77	77	69	68	68	73	72	70	73	75	70	67	70	73	75	73	75	75	73	76	73	70	67	65	71.
Warren	Maximum	99	99	100	100	99	101	98	99	97	94	97	101	101	98	97	101	101	98	99	93	89	86	87	89	100	102	100	94	84	89	86	96.
	Minimum	69	71	70	80	76	76	78	77	70	....	....	....	....	....	....	....	....	....	....	....	....	74	65	69	70	77	74	74	75	71	78	78	72.
Wynne	Maximum	102	104	102	99	93	98	93	100	98	96	93	102	91	99	101	104	101	97	93	93	82	90	88	92	100	95	87	86	87	85	81	95.
	Minimum	66	71	69	70	71	74	75	75	73	74	72	71	75	69	73	69	63	70	67	71	75	71	68	74	71	77	75	74	62	63	61	70.

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, ARK., AUGUST, 1925 No. 8

GENERAL SUMMARY

The month opened unseasonably cool, temperatures being about 11° below normal and continued near or somewhat below during the first week, with 47° recorded at Dutton on the 1st. There was another cool period about the 21st to 24th when temperatures were slightly below normal, but during the remainder of the month daily means were generally somewhat above normal. Precipitation was light, the monthly totals averaging about 47% of the normal. The annual deficiency up to August 31st is 12.82 inches. Despite the fact that July's precipitation total was 1.07 inches above normal the State as a whole was very dry at the close of August, all streams being near record low stages and stock water scarce in many localities.

The weather during the first three weeks of the month was generally favorable for crops. Cotton continued to make good progress. Boll weevil infestation was light in most sections and the damage not serious. In the uplands there was some shedding but this did not reach serious proportions until during the last week of the month when hot winds damaged the crop seriously over a large section of the State. Much of the August crop dropped off, the plants ceased blooming, and in some sections bolls began opening prematurely. At the close of the month picking was general throughout the State. Late corn was badly injured except in a few localities in the northwest where rainfall was more abundant. Meadows, pastures, and vegetables deteriorated rapidly the last week. Rice was doing moderately well and some had been harvested at the close of the month.

W. C. H.

TEMPERATURE

The mean temperature for the month of August, as determined from the records of 53 stations, was 80.3° which is 0.9° above normal. Negative departures were recorded at four stations south of the Arkansas River and at several north, but positive departures prevailed in most sections. Monthly means ranged from 73.2° at Dutton to 84.6° at Junction, a difference of 11.4° between the temperature of the mountains in the northwest and the southern border. The highest temperature recorded was 108° at Helena and Pine Bluff on the 19th and later dates. The lowest was 47° at Dutton the 1st. Extremes occurred near these dates in most sections. The greatest daily range was 48° at Calico Rock on the 29th.

PRECIPITATION

The average precipitation, as determined from the records of 81 stations, was 1.81 inches which is 2.02 inches below normal, all stations except Booneville, Corning, Gravette, Marshall, and Ozark showing negative departures. Monthly totals ranged from 7.14 inches at Marshall to none at Amity and Whitecliffs. The greatest amount measured in 24 consecutive hours was 2.80 inches at Ozark on the 8th. The average number of rainy days was 4.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 2d, 8; 3d, 11; 4th, 9; 5th, 2; 6th, 1; 7th, 15; 8th, 22; 9th, 20; 10th, 19; 11th, 14; 12th, 6; 13th, 17; 14th, 12; 15th, 10; 16th, 15; 17th, 3; 19th, 5; 20th, 27; 21st, 17; 30th, 4; 31st, 4.

Solar Halos:- 15th, 1.

Dense Fog: 10th, 2.

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MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean	Pressure (Sea-level) Highest	Pressure (Sea-level) Date	Pressure (Sea-level) Lowest	Pressure (Sea-level) Date	Wind Total movement miles	Wind Maximum velocity	Wind Direction	Wind Date	Relative humidity 7 a. m.	Relative humidity 7 p. m.	Percentage of sunshine
Bentonville..	30.06	30.34	25	29.73	12	2,744	36	sw.	20	.....	.....	83
Fort Smith...	30.01	30.28	25	29.74	12	4,814	38	w	10	77	52	81
Little Rock	30.04	30.28	25	29.79	12	3,999	30	nw.	15	76	43	86
Memphis....	30. [illegible]	30.31	25	29.81	12	3,668	54	nw.	11	74	52	80

COMPARATIVE DATA FOR AUGUST

Year	Temperature Monthly average	Temperature Departure	Temperature Highest	Temperature Lowest	Precipitation Monthly average	Precipitation Departure	Number of days Clear	Number of days Partly cloudy	Number of days Cloudy	Number of days Precipitation or more
Extremes and Extremes	79.4		115	39	3.83		15	10	6	7
1901.....	76.4	−3.0	108	39	2.75	−1.08	21	8	2	5
1902.....	78.3	−1.1	106	40	4.39	+0.56	13	11	7	9
1903.....	77.3	−2.1	102	48	3.08	−0.75	18	9	4	5
1904.....	78.1	−1.3	104	48	4.63	+0.80	12	11	8	8
1905.....	77.1	0.9	102	55	2.64	−1.19	18	9	4	4
1906.....	72.6	+3.2	112	48	2.52	−1.51	17	9	5	5
1907.....	79.6	+0.2	111	45	2.59	−1.24	17	10	4	5
1908.....	79.4	0.0	108	54	4.35	+0.52	13	13	5	7
1909.....	75.2	+2.8	112	51	2.04	−1.79	19	9	3	4
1910.....	82.1	+1.7	108	57	2.95	−0.88	16	12	3	5
1911.....	80.5	+1.1	109	52	2.95	−0.88	14	13	4	6
1912.....	80.7	+1.3	108	51	2.55	−1.28	19	9	3	4
1913.....	78.7	−0.7	105	47	4.34	+0.51	15	12	4	5
1914.....	77.1	−1.3	105	46	2.81	−1.07	16	12	3	6
1915.....	79.1	−0.3	103	51	3.73	−0.10	18	10	3	6
1916.....	77.9	−1.5	100	42	4.92	+1.09	14	10	7	10
1917.....	82.0	+2.6	113	54	2.92	−0.91	16	10	5	6
1918.....	79.3	−0.1	103	52	4.48	+0.65	15	10	6	8
1919.....	82.4	+3.0	111	47	1.27	−2.56	20	8	3	4
1920.....	79.2	−0.2	104	43	3.92	+0.09	13	12	6	8
1921.....	78.0	−1.4	107	45	8.19	+4.36	11	11	9	12
1922.....	78.7	−0.7	105	45	3.30	−0.53	15	10	6	7
1923.....	82.1	+2.7	107	46	1.62	−2.21	20	10	1	3
1924.....	78.5	−0.9	104	57	6.81	+2.98	8	11	12	12
1925.....	74.7	−4.7	102	40	10.44	+6.61	9	9	13	11
1926.....	81.8	+2.4	107	46	2.63	−1.20	17	9	5	5
1927.....	77.1	−2.3	104	43	4.10	+0.27	16	7	8	8
1928.....	82.9	+3.5	115	52	3.90	+0.07	15	9	7	7
1929.....	80.6	+1.2	113	55	4.29	+0.46	16	8	7	7
1930.....	76.8	−2.6	102	46	4.08	+0.25	13	9	9	8
1931.....	81.5	+2.1	106	56	5.46	+1.63	15	9	7	8
1932.....	80.4	+1.0	111	51	1.90	−1.93	18	8	5	5
1933.....	81.9	+2.5	109	49	2.43	−1.40	18	8	5	4
1934.....	82.2	+2.8	108	43	2.46	−1.43	20	8	3	5
1935.....	80.3	+0.9	108	47	1.81	−2.02	22	7	2	4

Based on 30 years record.

Climatological Data for August, 1925

Stations	Counties	Elevation, feet	Length of record yea	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	Number of days with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	29	79.4	— 0.6	100	18	56	22	37	0.00	−4.36	0.00	0	0	26	2	3	e.	G. C. Thrash.
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	0.60	−3.92	0.35	0	2	21	2	8	n.	F. J. Carpenter.
Arkansas City	Desha	145	41	.....	.....	.....	.....	.....	.....	.....	1.75	−2.17	0.95	0	6	23	5	3	s.	Geo. E. Payne.
Arlberg	Stone	700	3	.....	.....	.....	.....	.....	.....	.....	1.75	.....	1.10	0	4	18	13	0	nw.	J. D. Reeves.
Batesville	Independence	277	26	78.1	− 1.4	102	19†	52	1	45	1.97	−2.28	0.72	0	6	21	4	7	e.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	33	80.4	+ 1.0	103	19	56	1	40	3.70	−0.17	1.95	0	7	21	9	1	w.	J. E. Scanlan.
Bentonville	Benton	1303	20	77.3	+ 0.9	98	20	54	1	32	4.80	+0.76	2.91	0	7	22	9	0	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	23	.....	.....	.....	.....	.....	.....	.....	2.22	−2.13	0.47	0	6	27	0	4	.....	Vernon C. Howe.
Booneville	Logan	465	11	80.6	− 0.5	105	20	57	1	40	2.62	−0.37	1.57	0	7	26	4	1	e.	J. F. Randolph.
Brinkley	Monroe	205	38	82.5	+ 2.3	105	20†	57	22	45	0.68	−2.84	0.59	0	2	29	0	2	s.	H. L. D. Whitson.
Calico Rock	Izard	361	21	79.1	+ 0.2	105	19	54	1†	48	2.90	−2.20	1.73	0	5	20	9	2	sw.	W. J. Copp.
Camden	Ouachita	158	40	80.8	+ 0.6	103	29	58	27	42	0.62	−2.64	0.45	0	2	20	9	2	s.	A. B. Quarterman
Center Point	Howard	470	27	83.2	+ 1.8	105	20	59	1	33	0.12	−3.23	0.09	0	3	18	10	3	e.	John C. Floyd.
Clarendon	Monroe	200	21	.....	.....	.....	.....	.....	.....	.....	2.93	−1.28	2.56	0	7	20	6	5	e.	J. W. Bishop.
Clinton	Van Buren	516	4	.....	.....	.....	.....	.....	.....	.....	1.49	.....	0.94	0	3	23	7	1	s.	Dr. R.M. Hunter.
Conway	Faulkner	309	42	80.0	− 1.4	102	20	56	23	36	0.74	−2.77	0.48	0	3	27	4	0	s.	E. E. Cordrey.
Corning	Clay	293	32	79.2	+ 1.1	106	18	52	1	40	4.19	+0.55	2.24	0	5	24	5	2	w.	Winfred D. Polk.
Dam No. 1 ‡‡	White	190	2	....	.....	.....	.....	.....	.....	.....	2.13	.....	1.07	0	4	27	2	2	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.12	−1.41	1.50	0	3	28	0	3	s.	C. P. Evans.
Dardanelle	Yell	330	39	82.6	+ 2.6	101	9	60	22	34	1.65	−2.08	1.40	0	2	27	0	4	s.	J. D. Riley.
Dumas	Desha	162	19	81.4	+ 0.8	104	20	58	24†	43	0.97	−2.99	0.62	0	3	14	16	1	s.	Ben Johnson.
Dutton	Madison	1590	22	73.2	− 1.5	95	20	47	1	37	4.34	−0.11	2.66	0	6	21	9	1	s.	J. M. Ricketts.
El Dorado	Union	270	24	83.4	+ 2.3	103	19†	62	1†	37	0.08	−3.24	0.03	0	5	11	14	6	ne.	J. J. Babb.
England	Lonoke	229	18	80.0[a]	− 0.3	103[a]	20†	54[a]	22	45[a]	0.27	−4.33	0.15	0	3	21[a]	4[a]	2[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	25	77.6	− 0.4	99	18†	52	1	36	4.08	−1.04	1.90	0	8	17	13	1	sw.	Geo. W. Nichoalds.
Fayetteville	Washington	1451	37	76.6	− 1.0	98[a]	18	50	1	38	2.32	−1.89	1.94	0	2	24	4	3	sw.	University of Arkansas.
Fort Smith	Sebastian	457	44	82.0	+ 1.5	103	20	60	1	31	0.76	−2.90	0.39	0	5	23	5	3	e.	U. S. Weather Bureau.
Freeman Springs	Pope	2240	1	.....	.....	.....	.....	.....	.....	.....	3.28	.....	2.03	0	3	23	7	1	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	2.18	−0.44	2.30	0	2	23	6	2	.....	T. J. Logan.
Georgetown	White	200	13	.....	.....	.....	.....	.....	.....	.....	0.65	−3.57	0.55	0	2	22	4	5	s.	W. R. Owens.
Gilbert	Searcy	675	2	.....	.....	.....	.....	.....	.....	.....	4.62	.....	2.44	0	6	19	11	1	.....	Ben F. Battenfield.
Grady	Lincoln	172	1	.....	.....	.....	.....	.....	.....	.....	1.20	.....	0.80	0	3	22[e]	1[e]	2[e]	.....	O. C. Des Jardin.
Grannis	Polk	900	7	78.3	....	100	20	58	3	34	0.47	....	0.30	0	2	14	15	2	s.	W. E. Mc Vay.
Gravette	Benton	1250	28	76.4	− 0.8	98	20	48	1	37	4.72	+0.74	1.67	0	8	12	14	5	sw.	A. F. Stevens.
Harrison	Boone	1052	24	76.2	.....	99	17†	51	27	44	3.16	−0.56	1.65	0	5	19	10	2	.....	G. L. Wright.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	2.08	−0.34	1.10	0	3	27	2	2	sw.	Claude Jones.
Helena	Phillips	193	53	82.7	+ 2.1	108	19†	58	1†	45	1.26	−2.58	0.54	0	6	23	3	5	n.	James A. Burnett.
Higden	Cleburne	445	7	.....	.....	.....	.....	.....	.....	.....	1.86	.....	1.25	0	5	26	4	1	sw.	J. A. Ingram.
Hope	Hempstead	377	54	82.1	− 0.7	102	16	60	1†	38	0.08	−3.52	0.08	0	1	21	9	1	e.	N. P. O' Neal.
Hot Springs	Garland	600	34	81.0[j]	+ 0.6	103[j]	20	57[j]	1	37[j]	0.79	−3.11	0.38	0	3	17[h]	6[h]	0[h]	...	P. P. Patraw.
Huttig	Union	175	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	J. L. Collett.
Jonesboro	Craighead	345	30	80.8	+ 0.9	106	19	56	1	36	2.43	−1.11	0.78	0	8	21	8	2	se.	Benedictine Sisters.
Junction ‡‡	Union	182	31	84.6	+ 3.8	105	19†	64	1	39	0.85	−2.71	0.84	0	2	26	4	1	sw.	J. A. Lowderback.
Lambrook	Phillips	155	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. A. Newton.
Little Rock	Pulaski	357	46	81.1	+ 1.3	100	20	62	1	31	0.94	2.71	0.74	0	6	23	7	1	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	26	80.2	+ 1.4	100	17†	55	1	32	3.33	−0.84	2.35	0	5	21	9	1	e.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	1.07	....	0.82	0	3	26	4	1	.....	P. T. Simons.
Magnolia ††	Columbia	315	6	82.6	.....	105	29	63	23†	41	0.05	.....	0.05	0	1	14	14	3	e.	State Agri. School.
Malvern	Hot Springs	277	38	80.9	+ 1.2	104	20	56	22	41	0.58	−3.07	0.38	0	3	29	2	0	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	20	78.2	+ 1.0	104	19	52	1	41	1.21	−3.23	0.57	0	6	18	10	3	s.	F. M. Daniel.
Marianna	Lee	235	13	80.2	+ 0.8	101	20	58	22	37	1.74	−0.87	0.82	0	3	13	18	0	s.	C. N. Houck.
Marked Tree	Poinsett	229	20	79.4	.....	104	19	56	20	41	0.74	−3.23	0.50	0	3	21	9	1	se.	Charles Walton.
Marshall	Searcy	1070	11	76.8	− 1.9	98	20	53	1	42	7.14	+2.34	1.95	0	8	18	11	2	s.	A. J. Park.
Mena	Polk	1185	38	80.1	+ 0.7	102	20†	56	1	37	0.86	−4.04	0.32	0	6	26	4	1	sw.	E. W. St. John.
Morrillton	Conway	347	5	83.0	.....	103	20	60	1†	40	1.95	.....	1.60	0	3	25	4	2	sw.	Henry Harless.
Mountain Home	Baxter	800	11	77.0	− 0.8	102	20	49	1	44	2.03	−1.87	0.65	0	5	20	7	4	sw.	B. S. Halbert.
Mount Ida	Montgomery	650	26	79.0	− 0.3	107	20	52	22	43	0.69	−3.04	0.25	0	5	23	8	0	sw.	G. A. Whittington.
Murfreesboro	Pike	367	10	. .	.....	.....	.....	.....	.....	.....	0.41	−3.43	0.41	0	1	22	8	1	.....	Henry A. Davis.
Newport	Jackson	231	41	79.2	− 0.6	101	29	58	1	44	1.25	2.23	0.55	0	5	18	13	0	n.	V. C. Wilker on.
Osceola	Mississippi	240	27	79.8	+ 0.8	100	21	53	4	35	0.98	−1.85	0.45	0	4	20	1	10	s.	June Thomason.
Ozark	Franklin	450	30	80.6[b]	− 0.9	102[b]	19†	56[b]	1	38[b]	4.31	+0.25	2.80	0	5	20[b]	5[b]	4[b]	se.	Isham Burrow.
Patterson	Woodruff	196	9	.....	.....	.....	.....	.....	.....	.....	1.49	-1.24	0.80	0	3	25	2	4	s.	W. E. Baker
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	3.67	.....	1.20	0	8	23	8	0	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	2.04	.....	1.38	0	6	23	7	1	se	W. W. Wood
Pine Bluff	Jefferson	215	38	83.7	+ 2.3	108	20	61	1	38	0.65	−2.69	0.46	0	3	23	4	4	sw.	Miss Theresa Scherr.
Pocahontas	Randolph	300	32	81.0	0.0	106	19	56	2	36	1.73	-2.83	0.65	0	5	14	15	2	n.	Benedictine Sisters.
Portland	Ashley	122	19	81.6	+ 0.5	104	20	58	2	40	2.90	−1.67	1.57	0	4	13	13	5	s.	W. E. Edmiston.
Prescott	Nevada	329	37	82.7	+ 1.5	106	20	61	1	36	0.66	−2.72	0.36	0	3	25	4	2	w.	C. D. Calhoun.
Princeton	Dallas	287	19	.....	.....	.....	.....	.....	.....	.....	0.85	-2.49	0.85	0	1	19	6	6	.....	Foote Coleman.
Rison	Cleveland	243	24	81.8	+ 0.8	104	20†	60	1†	39	1.34	−2.03	1.00	0	3	26	4	1	ne.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	77.0	0.0	100	18	51	1	41	2.93	-0.63	0.84	0	6	20	9	2	s.	Carl A. Starck.
Searcy	White	236	13	82.6[j]	+ 2.7	106	19	55[j]	1	28[j]	0.04	-3.69	0.04	0	1	23	6	2	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	0.94	−3.25	0.90	0	2	27	1	3	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	1.14	.....	0.51	0	4	25[a]	4[a]	1[a]	s.	S. C. Story.
Stuttgart	Arkansas	228	38	81.1	+ 0.8	104	20	57	21	38	1.31	−2.27	0.47	0	4	21	9	1	w.	Adam F. Buerkle.
Subiaco	Logan	1050	27	80.8[a]	0.0	103[a]	20	58[a]	1	34[a]	3.25	−0.63	2.58	0	5	20[a]	6[a]	4[a]	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	83.0	+ 1.1	105	17	58	1	39	1.88	−1.32	1.88	0	1	25	5	1	s.	H. S. Brashear.
Thornburg	Perry	350	1	.....	.....	.....	.....	.....	.....	.....	0.70	.....	0.40	0	2	24	6	1	s.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	1.46	...	1.15	0	4	13	13	5	se.	Dr. Cheves Bevill.
Warren	Bradley	206	29	83.2[e]	+ 2.1	104	20	61[j]	2	37[j]	0.50	−3.70	0.50	0	1	22	8	1	s.	W. L. Shide.
Waters	Montgomery	800	1	. .	.....	.....	.....	.....	.....	.....	1.05	.....	1.05	0	1	18	9	4	sw.	J. R. Huddleston.
Whitecliffs	Little River	290	21	.....	.....	.....	.....	.....	.....	.....	0.00	−3.41	0.00	0	0	22	5	4	se.	Nannie O. Schirmer.
Wynne	Cross	250	17	80.2	+ 0.4	103	20	55	1	40	2.69	−1.29	1.48	0	4	24	4	3	s.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	2.24	.....	1.23	0	6	21	3	7	.....	W. E. Barton.
State Means and Extremes				80.3	+ 0.9	108	19†	47	1	48	1.81	−2.02	2.80	0	4	22	7	2	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[e], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for August, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Forrt Smith	Arkansas	22	5.1	5.3	7.0	9.7	8.9	7.8	6.9	6.2	6.0	6.5	6.2	8.9	8.8	7.5	6.5	6.6	6.6	6.1	6.6	6.6	6.1	6.5	6.6	5.2	5.0	4.7	4.5	4.4	4.3	4.2	3.9
Dardanelle	do	20	2.3	2.3	2.2	2.0	2.0	5.8	5.0	4.4	4.6	4.4	3.9	3.9	3.5	4.5	5.1	4.3	3.5	3.5	3.3	3.1	3.0	2.8	2.8	2.8	2.6	2.4	2.2	2.1	2.0	1.8	1.5
Little Rock	do	23	†0.1	†0.7	†1.1	†1.0	†0.9	†0.7	1.7	2.7	2.4	1.8	2.4	1.4	1.0	0.9	1.3	2.6	1.9	1.0	0.4	0.3	0.1	0.0	0.0	0.0	†0.3	†0.8	†1.0	†1.1	†1.3	†1.6	†1.7
Pine Bluff	do	25	3.8	3.7	3.5	3.2	3.0	2.8	2.9	5.9	6.9	6.4	6.2	6.4	5.9	5.5	5.3	5.5	6.6	6.2	5.5	4.8	4.5	4.2	4.1	4.3	4.3	3.9	3.5	3.1	2.9	2.8	2.5
Yancopin	do	14	7.0	6.8	6.9	6.9	6.6	6.3	6.0	6.0	6.9	7.5	9.9	9.6	9.7	9.4	8.9	8.3	8.2	9.4	9.7	8.9	8.0	7.5	7.3	7.0	6.9	6.8	6.6	6.4	6.1	5.8	5.5
Danville	Petit Jean	30	3.0	2.4	2.4	2.3	2.3	2.2	1.9	2.3	6.7	6.4	7.1	5.1	4.8	4.5	4.2	4.0	3.8	3.8	3.5	3.0	2.8	2.5	2.5	2.5	2.0	2.0	2.0	1.8	1.8	1.6	1.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	†0.1	0.0	†0.1	0.0	†0.1	†0.3	†0.3	†0.2	0.5	0.1	0.0	0.9	0.5	0.4	1.0	0.5	0.5	0.5	0 2	0.2	0.1	0.5	0.3	0.5	0.5	0.2	0.1	0.0	0.0	†0.1	†0.3
Batesville	do	23	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.7	5.2	5.0	4.6	5.3	5.3	5.1	5.6	5.3	5.2	5.0	4.9	4.9	4.8	4.9	5.0	5.0	5.1	4.9	4.8	4.7	4.6	4.6
Newport	do	26	1.4	1.3	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.5	1.4	1.3	1.3	1.3	1.3	1.5	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	1.0
Dam No. 1	Little Red		0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgetown	White	22	0.9	0.6	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.4	0.6
Clarendon	do	30	7.8	7.5	7.3	7.0	6.9	6.7	6.7	6.6	6.6	6.7	6.6	6.5	6.5	6.6	6.7	6 7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5
Gilbert	Buffalo	30	3.4	3.3	3.3	3.3	3.8	3.3	3.3	3.4	3 4	3.4	3.3	3.3	3.3	3.8	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1
Corning	Black	..	5.3	5.3	5.3	5.4	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.3	5.6	5.7	6.0	6.0	6.0	6.0	5.9	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.1
Black Rock	do	14	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7
Patterson	Cache	9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Arkadelphia	Ouachita	18	1.5	1.5	0.2	0.1	0.3	†0.4	†0.4	†0.2	†0.2	†0.2	†0.5	†0.4	†0 4	†0.3	†0.6	†0.5	†0.4	†0.6	†0.5	†0.3	0.0	†0.6	†0.4	†0.5	†0.6	†0.6	†0.6	†0.2	†0.6	†0.6	†0.6
Camden	do	30	6.0	6.2	6.4	6.2	6.0	6.0	5.9	5.7	5.6	5.5	5.4	5.2	5.0	5.0	5.0	4.9	4.8	4.7	4.5	4.4	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2
Fulton	Red	28	8.1	9.2	9.5	9.0	8.3	7.7	7.0	6.7	6.3	6.1	7.8	8.0	9.4	9.5	12.1	13.0	11.8	10.4	9.8	9.3	8.9	8.4	7.8	7.4	7.1	7.0	6.7	6.4	6.2	6.1	6 0
Springbank	do	..	5.6	6.1	6.6	7.8	7.4	6.8	6.7	5.9	5.0	4.3	4.0	4.4	5.4	5.8	6.8	8.8	11.4	10.1	9.6	8.4	7.6	7.0	6.6	6.2	5.7	5.2	4.8	4.4	4.2	4.0	4.0
Whitecliffs	Little	..	6.5	6.4	6.2	4.5	3.4	2.7	1.8	1.2	1.0	1.0	0.8	0.8	0.6	0 6	0.6	2.0	1.8	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Marked Tree	St. Francis	..	2.0	2.0	2.0	1.9	1.6	1.7	1.7	1.6	1.7	1.8	1.7	1.8	1.7	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.3	1.1	1.0	1.0
Helena	Mississippi	44	11.0	10.8	10.5	10.2	9.8	9.0	8.0	7.0	6.4	5.7	5.2	4.8	4.5	4.4	4.3	4.3	4.5	4.8	5.1	5.3	5.4	5.6	6.0	6.2	6.1	5.6	5.1	5.1	5.4	5.4	5.0
Arkansas City	do	48	12.9	12.9	12.9	12.8	12.5	12 1	11.5	11.0	10.5	10.0	9.5	9.0	8.5	8.0	8.2	8 2	8.2	8.0	8.2	8.6	9.0	9.3	9.4	9.5	9.7	9.7	9.5	9.3	9.0	9.0	9.0

† Below zero of gage.

Daily Precipitation for August, 1925

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita																																0.00
Arkadelphia	Ouachita														.35							.25											0.60
Arkansas City	Mississippi								.20	.95		.03			.52		.02							.03									1.75
Arlberg	White							1.10			.20				.35						.10												1.75
Batesville	White				T.			T.	.27		.32		.02	.20			.72					.44											1.97
Bee Branch	Arkansas		.05					.87	1.95		.10		.35	.35								.03											3.70
Bentonville ***	Arkansas		T.	1.17			.28	.45	.03	.84			T.		.02						2.01												4.80
Black Rock	White				.03			.47	.45		.02		.42					.20				.63											2.22
Booneville	Arkansas						.13	1.57	.25	.54	.08		.03									.02											2.62
Brinkley	White																	.59				.09											0.68
Calico Rock	White				T.			.27	.89		T.		.01									1.73											2.90
Camden	Ouachita														.45	.17																	0.62
Center Point	Red							.02	.01				.09				T.					T.											0.12
Clarendon	White			.03				T.	.01	2.56				.12		.01	.10					.10											2.93
Clinton	White							.94	T.	T.	.30		.25								T.												1.49
Conway	Arkansas							.48	.10				.16																				0.74
Corning	White							2.24			.18		.28				1.11				.38												4.19
Dam No. 1	White							.55	1.07				.26								.25												2.13
Danville	Arkansas							1.50	.12		.50		T.									T.											2.12
Dardanelle	Arkansas							.25	1.40																								1.65
Dumas	Mississippi						T.	T.	.62				T.	.15								.20											0.97
Dutton	White			.05			.10	2.66	1.16	.25		T.	.04								T	T.										.19	4.34
El Dorado	Ouachita				.01	.01	.02										.03								.01								0.08
England	Arkansas								.15						.05	T.						.07											0.27
Eureka Springs	White			.03				.28	1.10	.10	.07	.55		.05								1.90											4.08
Fayetteville	White			T.					1.94	.38			T.	T.		T.															T.	T.	2.32
Fort Smith ***	Arkansas		.18	T.			.07	.32	.07	T.											.12												0.76
Freeman Springs	Arkansas								2.03		.19				1.06																		3.28
Fulton	Red									.18					T.	2.30																	2.48
Georgetown	White								T.						.55							.10											0.65
Gilbert	White					.09			.88	.53		T.		T.	.05		.63					2.44											4.62
Grady	Arkansas									.30					.10		.80																1.20
Grannis	Red			T.		T.			.17	.30				T.	T.																		0.47
Gravette	Arkansas		.05	T.	T.			.20	1.39	.47		.86		.07							1.67	.01											4.72
Harrison	White								.85		.08			.02			.56				1.65												3.16
Heber Spring	White									.69		1.00		.39																			2.08
Helena	Mississippi									.20	.14				.20	.54						.04	.14										1.26
Higden	White							1.25	.18		.15		.12								.10												1.80
Hope	Red			.08									T.																				0.08
Hot Springs	Ouachita		T.											.34	.07							.38											0.79
Jonesboro	White							.35	.78			.01		.15			.09			.03	.71	.31											2.43
Junction	Ouachita								.84	T												.01											0.85
Little Rock ***	Arkansas								.03	.05				.01	.02	.72					T.	.11											0.94
Lutherville	Arkansas		.65	T.				T.	2.35	.28	T			.02		T.						.03											3 33
McGehee	Mississippi								.16	.82					.09																		1.07
Magnolia	Red																					.05											0.05
Malvern	Ouachita										.15				.38							.05											0.58
Mammoth Spg.	White			T.				.50	.07		.06		.13								.40											.05	1.21
Marianna	Mississippi									.82				.70	.22																		1.74
Marked Tree	Mississippi								T.	.50					.15							.09											0.74
Marshall	White					.81			1.32			1.20		1.95	.17	.12	1.26					.28										T	7.14
Mena	Ouachita								.09	.24		.01		T.	.15	.32						.05											0.86
Morrilton	Arkansas								1.00					.55		.40																	1.95
Mountain Home	White							.40	.62		T.	.65					T.				.14											.22	2.03
Mount Ida	Ouachita		.06						.25					.10	.08							.20											0.69
Murfreesboro	Ouachita															.41																	0.41
Newport	White								.18			.55		.27			.05					.20											1.25
Osceola	Mississippi				T.					.25				.45		.11								.17									0.98
Ozark	Arkansas				.02				1.25	2.80	.19										.05												4.31
Patterson	White									.80					.54							.15											1.49
Piggott	Mississippi		.03	.25				.15	.08			1.20		.15			1.08				.73												3.67
Pindall	White				.03				1.38			.15					.13			.07	.28												2.04
Pine Bluff	Arkansas									T.	.46				.09							.10											0.65
Pocahontas	White				.05				.30					.25			.48				.65												1.73
Portland	Ouachita				.94					1.57	.18						.21																	2.90
Prescott	Ouachita										.24				.36							.06												0.66
Princeton	Ouachita														.85																			0.85
Rison	Ouachita									1.00					.22							.12												1.34
Rogers	Arkansas		.07	.77			T.	.84	T.	86			.04								.35												2.93
Searcy	White												T.				T.					.04											0.04
Springbank	Red	.04								.90																T.						T.	0.94
Story	Ouachita		.27						.34		.51				.02																		1.14
Stuttgart	Arkansas								.21	.42					.47						.21												1.31
Subiaco	Arkansas							T.	2.58		.40	.09		.08		.10					T.	T											3.25
Texarkana	Red						1.88																										1.88
Thornburg	Arkansas								.30		.40																						0.70
Waldron	Arkansas								1.15	.04				.03							.24												1.46
Warren	Ouachita									.50																						T.	0.50
Waters	Ouachita														1.05																		1 05
Whitecliffs	Red																																0.00
Wynne	Mississippi								.26	1.48					T.			.48				.47											2.69
Yancopin	Arkansas								.17	.03	.73				1.23	.04						.04											2.24

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily Temperatures for August, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	81	80	87	86	89	90	92	85	90	92	96	98	93	94	98	98	95	100	98	98	89	88	92	89	92	93	95	96	98	96	96	92.4
	Minimum	61	62	60	63	65	65	69	73	70	71	70	72	70	72	71	70	72	71	70	69	70	56	58	67	71	58	59	60	61	62	60	66.4
Batesville§§	Maximum	83	88	89	92	91	95	97	83	95	94	96	98	88	93	94	95	98	101	102	101	86	89	93	94	96	97	99	100	102	95	98	94.4
	Minimum	52	56	55	55	56	59	64	73	67	68	69	71	71	67	61	68	67	67	69	68	65	55	56	57	55	56	51	55	59	55	56	61.8
Bee Branch	Maximum	82	86	89	91	94	95	95	89	88	95	96	98	96	91	95	100	100	102	103	103	97	91	96	94	97	99	100	101	102	98	100	96.6
	Minimum	56	59	58	60	60	62	67	70	70	71	69	70	71	66	67	72	68	69	72	71	66	58	62	61	61	63	62	61	64	67	65	65.1
Bentonville	Maximum	81	84	85	85	87	90	92	83	85	91	92	94	91	86	90	93	98	98	97	98	84	83	85	87	86	90	92	94	95	93	92	89.5
	Minimum	54	56	60	58	61	64	71	69	69	69	69	74	68	64	66	73	73	72	71	66	63	59	60	63	59	61	60	61	64	66	66	66.0
Booneville	Maximum	83	88	90	90	92	94	97	86	86	96	96	98	92	90	90	102	99	102	104	105	92	90	94	93	94	97	100	101	101	97	99	94.7
	Minimum	57	58	59	60	62	63	67	71	71	73	71	74	76	70	72	73	73	76	68	69	71	58	69	73	61	59	60	63	64	68	66	66.5
Brinkley	Maximum	82	90	92	93	94	97	97	91	92	99	100	101	95	97	98	101	101	101	103	105	96	92	96	98	96	100	101	102	103	100	97	97.5
	Minimum	58	60	61	62	64	67	68	76	72	72	74	76	74	74	74	70	72	70	74	74	70	68	57	58	61	61	62	66	65	70	71	67.5
Calico Rock§§	Maximum	84	91	90	94	95	96	98	82	93	94	100	100	94	94	93	97	102	104	105	104	88	86	87	87	91	95	97	99	100	104	97	95.5
	Minimum	54	57	57	60	58	60	65	70	71	72	70	72	72	65	60	66	67	66	67	64	64	57	56	58	55	57	51	53	56	58	59	64.2
Camden§§	Maximum	83	89	90	92	93	94	96	92	91	96	98	97	95	95	97	100	100	99	106	102	89	93	97	91	95	97	100	101	102	98	97	96.5
	Minimum	60	61	61	63	64	65	69	75	71	70	72	74	73	69	70	72	76	71	71	68	70	59	59	60	61	64	66	67	68	71	71	67.6
Center Point	Maximum	83	89	92	90	92	93	95	84	92	99	100	100	96	93	102	102	102	102	103	105	93	93	97	92	94	97	100	101	102	95	97	95.8
	Minimum	59	62	66	67	69	70	74	76	72	71	74	75	74	74	74	75	73	75	74	73	72	64	65	72	72	71	70	69	71	71	70	69.9
Conway	Maximum	81	86	88	90	91	91	93	87	89	95	95	97	93	97	96	97	96	98	104	102	84	87	93	85	89	91	92	95	96	98	99	93.6
	Minimum	57	60	60	62	63	64	65	69	71	72	72	72	74	72	67	73	69	76	76	75	67	64	65	63	67	68	65	66	67	69	70	68.3
Corning	Maximum	87	79	79	78	96	100	102	87	92	96	101	103	98	92	96	98	98	104	104	102	87	85	86	87	88	90	91	92	94	96	97	94.7
	Minimum	52	57	57	54	57	61	70	74	70	70	72	73	67	68	68	68	68	65	76	72	70	61	60	62	60	62	58	57	65	65	66	64.8
Dardanelle	Maximum	91	90	90	91	94	97	98	100	101	99	99	99	98	95	95	96	97	99	100	101	93	91	94	95	92	96	98	99	97	94	95	95.8
	Minimum	65	65	64	68	70	69	71	73	76	75	73	72	75	73	73	73	72	73	72	73	72	64	65	66	66	67	61	62	64	66	66	67.0
Dumas	Maximum	81	90	92	93	95	97	97	91	89	95	100	101	98	97	98	97	96	101	102	104	91	92	96	97	95	98	99	102	100	95	95	95.8
	Minimum	62	59	62	63	64	61	74	73	71	70	73	75	73	71	69	71	69	74	74	73	70	56	61	57	64	58	60	59	72	72	68	67.0
Dutton	Maximum	77	83	81	86	80	88	89	85	87	88	89	91	87	87	86	84	92	97	96	95	85	83	86	87	88	90	91	91	92	94	92	87.9
	Minimum	47	49	50	50	52	53	61	62	64	66	66	66	66	67	57	65	67	62	62	62	58	46	49	56	58	58	61	57	58	58	61	58.5
El Dorado	Maximum	87	90	91	91	94	97	98	97	93	99	99	99	99	97	100	102	102	101	105	105	98	93	98	98	92	93	99	99	101	103	97	97.0
	Minimum	62	62	67	65	66	68	73	77	74	70	75	76	73	71	73	72	74	74	74	73	65	64	63	64	65	64	70	70	70	69	68	70.8
England	Maximum	83	90	91	92	94	91	....	87	87	92	92	99	99	93	95	97	101	100	101	102	103	91	91	95	93	96	98	99	101	103	96	96.5
	Minimum	57	59	60	60	70	62	....	73	70	68	74	72	73	71	68	70	68	70	68	70	68	54	55	60	60	58	59	56	60	64	65	64.9
Eureka Springs	Maximum	81	83	87	89	92	90	90	84	85	91	92	93	89	89	89	94	95	98	98	99	83	83	85	88	90	90	91	94	96	96	97	91.0
	Minimum	52	58	59	56	59	65	69	65	64	70	64	75	66	63	64	71	71	74	74	69	62	55	56	58	55	58	61	59	63	65	70	64.1
Fayetteville	Maximum	82	84	86	89	90	86	89	86	82	87	92	....	90	87	87	91	95	97	95	98	82	86	92	92	85	86	95	95	97	98	94	89.5
	Minimum	58	54	58	55	59	61	67	64	68	70	72	70	67	66	68	71	74	71	72	71	72	57	54	59	60	57	60	62	65	65	65	63.8
Fort Smith	Maximum	83	82	87	89	91	94	95	82	88	95	98	99	95	94	94	97	97	100	103	103	87	91	91	93	95	97	99	95	97	99	95	94.5
	Minimum	60	63	66	66	66	69	73	72	72	73	75	78	72	74	74	77	76	78	76	74	73	63	65	66	68	68	68	68	70	68	72	70.5
Grannis	Maximum	77	83	87	87	87	89	91	87	89	92	93	93	89	91	94	97	97	97	100	106	89	90	94	91	91	94	96	96	98	92	91	91.5
	Minimum	61	64	58	65	63	62	66	70	67	66	75	67	70	66	66	68	68	67	65	66	67	65	59	61	64	64	64	61	62	64	65	65.1
Gravette	Maximum	81	84	85	86	90	91	93	89	85	91	93	93	87	87	91	96	94	97	97	98	87	87	92	92	85	86	95	95	97	98	94	89.2
	Minimum	47	53	59	58	59	62	70	70	67	71	69	75	67	65	64	73	74	69	70	67	63	56	56	63	54	56	55	59	59	61	63	62.5
Helena§§	Maximum	86	96	97	99	101	101	102	90	90	93	103	101	102	96	95	102	105	104	108	107	93	92	93	98	100	102	104	106	106	103	101	99.5
	Minimum	55	58	59	62	67	68	68	68	73	75	71	78	78	73	73	76	74	70	69	72	73	71	58	58	60	58	61	61	64	62	70	69.5
Hope	Maximum	85	86	90	89	93	95	95	91	95	96	98	98	90	93	98	102	101	106	107	106	92	93	98	99	98	101	99	98	99	98	101	96.9
	Minimum	60	60	64	65	65	66	70	74	72	70	73	78	78	74	73	72	71	72	72	73	72	61	61	67	71	61	60	63	66	66	67	68.3
Hot Springs	Maximum	....	....	....	....	....	....	....	....	....	....	....	98	97	96	95	98	97	99	102	103	95	95	97	99	101	103	96	97	99	101	93	96.0
	Minimum	52	60	60	....	....	....	....	....	....	....	....	78	73	72	69	72	71	72	72	73	69	58	60	63	64	63	62	62	64	68	68	66.1
Huttig	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jonesboro	Maximum	85	92	99	92	96	102	95	87	91	97	102	101	97	94	94	93	101	105	106	105	87	87	92	92	93	93	97	100	96	97	97	95.1
	Minimum	56	62	61	60	63	67	63	72	68	70	73	71	73	71	68	71	68	72	75	72	67	61	63	62	62	62	61	64	69	67	68	66.5
Junction	Maximum	91	93	94	96	95	96	97	96	98	97	98	102	98	101	100	104	103	105	105	104	93	94	97	99	103	101	105	104	102	95	96	99.1
	Minimum	64	69	70	71	72	71	72	73	72	73	72	73	74	73	74	72	73	72	68	69	72	71	70	68	61	67	66	67	68	68	69	70.0
Little Rock	Maximum	78	85	87	88	90	91	92	88	93	95	97	98	93	93	93	95	96	97	98	98	87	88	93	94	95	96	97	98	99	100	98	94.4
	Minimum	62	63	65	68	69	70	72	72	73	71	76	76	76	73	73	75	75	73	75	75	70	65	67	71	68	69	66	68	71	71	70	70.4
Lutherville	Maximum	79	80	85	85	86	87	90	93	94	97	98	97	94	94	96	99	97	98	99	98	93	94	95	96	97	98	99	100	101	102	103	96.2
	Minimum	55	59	58	61	64	64	69	71	73	75	78	78	74	72	73	74	77	75	75	72	67	62	60	62	64	67	68	68	71	72	74	68.4
Magnolia	Maximum	81	90	92	93	92	94	96	95	97	97	97	97	97	97	97	100	102	103	104	104	93	93	96	96	97	97	98	100	102	98	98	98.0
	Minimum	67	70	66	66	65	66	70	73	73	73	73	73	73	72	72	73	73	73	71	71	70	69	69	69	70	69	69	69	69	69	69	69.6
Malvern	Maximum	83	89	89	91	94	95	95	93	93	97	98	98	97	97	97	99	99	101	103	104	91	91	93	94	95	96	97	98	99	100	98	96.2
	Minimum	59	60	61	63	63	64	66	66	67	68	68	68	68	68	68	68	68	68	68	68	68	67	67	67	67	67	67	67	67	67	67	67.0
Mammoth Spg. §§	Maximum	83	87	87	91	92	97	96	92	93	97	98	98	97	97	97	99	99	101	104	104	91	91	93	94	95	96	97	98	99	100	98	96.4
	Minimum	52	54	56	59	58	61	66	66	67	68	68	68	68	68	68	68	68	68	68	68	68	67	67	67	67	67	67	67	67	67	67	67.0
Marianna	Maximum	85	89	89	91	93	94	95	91	91	95	96	96	95	95	95	97	98	99	101	102	89	90	94	95	96	97	98	98	95	92	96	94.4
	Minimum	58	61	60	64	66	65	67	70	70	72	72	74	73	72	72	76	68	74	76	77	70	68	70	72	73	74	75	76	77	78	76	74.5
Marked Tree §§	Maximum	85	88	87	90	90	92	93	89	90	93	96	96	94	94	95	97	97	98	99	101	89	90	94	95	96	97	98	99	97	96	97	94.0
	Minimum	58	58	58	60	60	62	67	71	71	71	71	71	71	68	68	68	67	68	72	71	65	56	59	59	57	58	57	60	64	68	64	62.6
Marshall	Maximum	82	86	86	87	88	88	89	87	88	89	93	93	89	89	90	92	93	95	96	97	86	86	89	90	91	92	93	94	95	96	96	92.5
	Minimum	53	56	56	55	57	57	61	71	68	68	69	72	70	68	68	70	71	72	73	73	63	56	55	55	55	56	56	54	56	58	60	62.6
Mena	Maximum	81	87	86	89	91	91	94	93	91	93	96	97	93	93	95	97	101	99	102	103	89	90	93	94	91	91	94	96	97	97	96	93.5
	Minimum	61	63	63	64	67	67	69	71	69	70	71	72	71	69	72	75	72	69	71	70	70	63	64	64	61	62	65	65	68	68	68	67.7
Morrilton	Maximum	84	90	90	92	93	95	97	93	93	96	98	100	96	96	97	100	101	101	102	103	91	92	96	97	98	98	99	100	101	102	99	98.3
	Minimum	58	62	63	64	65	66	66	72	71	71	74	75	73	70	71	74	76	74	76	75	70	71	70	71	72	69	68	66	68	69	68	68.2
Mt. Home	Maximum	85	87	85	91	91	93	93	92	91	92	96	98	94	89	90	93	98	98	101	102	84	87	90	91	93	94	95	96	97	97	97	93.2
	Minimum	42	52	51	54	55	57	58	62	62	64	67	69	67	65	66	67	68	67	68	67	63	60	61	62	63	63	63	63	64	65	65	63.9
Mt. Ida	Maximum	85	86	86	89	91	92	94	91	91	95	97	101	97	97	97	101	103	104	106	107	91	91	93	94	95	96	97	98	99	100	97	95.6
	Minimum	55	56	56	57	58	59	61	71	69	67	69	71	69	67	66	67	68	67	66	66	64	52	53	55	55	56	56	55	56	58	58	60.5
Newport	Maximum	78	83	84	87	88	89	91	87	89	94	97	98	93	94	96	98	98	99	100	101	89	90	93	95	96	98	99	101	102	103	98	94.2
	Minimum	57	58	61	63	64	64	69	71	71	72	73	74	72	71	66	72	68	74	75	73	69	61	61	61	62	64	66	67	68	69	67	67.9
Osceola	Maximum	83	81	85	86	88	89	91	87	89	94	97	98	94	94	96	98	98	99	101	102	84	84	91	90	92	94	95	96	95	96	94	93.4
	Minimum	63	68	68	68	64	67	72	72	73	73	74	75	73	74	73	75	75	75	77	75	69	62	67	67	67	68	69	72	73	73	73	73.3
Ozark	Maximum	84	83	88	89	92	94	96	92	94	97	98	98	96	96	98	101	102	103	104	105	89	89	92	93	94	96	97	98	99	100	98	95.3
	Minimum	55	60	60	62	63	64	68	71	73	73	75	75	73	72	71	73	75	74	71	71	67	62	64	66	67	68	69	70	71	72	73	68.3
Pine Bluff	Maximum	77	85	86	87	89	91	92	90	91	94	97	98	94	94	96	98	98	99	101	102	87	88	93	93	95	97	98	99	101	102	99	95.9
	Minimum	61	65	67	67	68	68	72	72	73	73	74	75	73	73	73	74	74	76	75	76	69	62	62	64	66	66	64	65	64	67	68	68.9
Pocahontas	Maximum	78	90	90	92	94	95	97	93	93	96	98	101	96	94	96	97	100	101	103	104	89	90	93	94	95	96	97	98	99	100	97	96.0
	Minimum	57	59	59	57	59	61	69	69	72	70	68	64	69	70	68	64	69	70	72	69	62	62	62	60	63	63	65	67	65	65	67	65.3
Portland	Maximum	82	87	90	91	92	95	97	93	93	96	98	98	95	94	97	98	98	99	102	103	89	91	95	96	97	98	99	100	101	102	97	96.0
	Minimum	62	58	64	65	64	66	70	73	73	73	73	73	73	71	73	73	73	73	71	73	71	62	63	64	65	67	68	69	70	71	67	67.9
Prescott	Maximum	87	90	91	91	92	94	96	94	94	97	98	99	96	96	98	99	99	100	102	103	91	92	95	96	97	98	99	100	101	102	99	96.5
	Minimum	61	62	66	67	68	67	71	71	73	73	74	75	73	73	74	75	74	72	72	70	71	62	63	64	65	67	68	69	70	71	68	69.9
Rison	Maximum	82	82	82	83	93	94	96	95	94	97	98	98	95	95	96	98	98	99	101	102	88	88	89	90	89	93	95	97	98	98	95	94.5
	Minimum	60	61	62	63	63	65	66	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68.0
Rogers	Maximum	77	82	87	89	91	91	91	91	91	92	93	93	91	91	93	95	96	97	98	99	84	85	88	89	90	91	92	93	94	95	93	91.1
	Minimum	51	54	58	55	58	61	67	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68.0
Searcy	Maximum	81	90	91	92	93	95	97	93	95	96	98	98	95	94	97	98	98	99	101	102	89	90	93	94	95	96	97	98	99	100	98	95.9
	Minimum	52	57	57	58	62	62	66	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68.0
Stuttgart	Maximum	85	88	91	92	92	95	96	95	95	97	98	98	95	95	96	98	98	99	101	102	88	88	91	92	93	95	96	97	98	99	96	95.2
	Minimum	61	62	62	62	64	64	69	72	72	72	72	72	72	72	72	73	73	73	73	73	69	61	62	63	64	65	66	67	68	69	67	67.8
Subiaco	Maximum	82	86	89	90	90	91	91	91	91	93	96	97	93	92	94	96	97	99	101	102	88	89	92	93	94	96	97	98	99	100	96	94.4
	Minimum	58	62	63	64	64	64	67	70	70	70	70	70	70	70	70	70	70	70	70	70	69	61	60	60	62	64	64	65	66	70	....	67.3
Texarkana	Maximum	87	91	90	91	92	93	95	94	94	96	98	99	96	96	99	102	103	105	102	103	104	95	98	100	96	97	100	102	104	105	99	100.5
	Minimum	72	76	77	77	77	77	77	77	77	77	77	77	77	77	77	78	78	78	78	78	74	74	66	66	68	70	64	64	65	62	62	70.5
Warren	Maximum	87	88	90	92	93	95	95	94	95	96	100	102	100	97	96	99	98	94	99	101	101	97	96	95	94	96	97	98	99	100	97	97.4
	Minimum	61	66	68	69	70	71	73	75	76	75	77	81	82	85	81	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	Maximum	87	89	90	91	93	94	95	95	96	96	97	98	96	95	92	96	95	99	100	101	102	92	88	91	91	93	95	97	100	98	95	97.1
	Minimum	59	59	59	61	62	63	67	73	72	71	73	75	72	71	68	67	71	73	72	71	69	59	62	60	60	62	58	60	64	70	68	66.3

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

. XXX LITTLE ROCK, ARK., SEPTEMBER, 1925 No. 9

GENERAL SUMMARY

he month of September, 1925, was marked by unusually
day temperatures and high monthly means throughout
State. The mean temperature for the State was 80.5° which
e highest September mean on record, 0.2° above the August
n this year, and 0.9° above the previous warm September
921. Helena recorded a temperature of 113° on the 6th
ch is the highest temperature on record for September,
at Conway on September 3, 1899, being the previous high
ember temperature. With the exception of a few days a-
the 11th to the 15th and again from the 24th to the 26th
temperature was above normal throughout the month with
ima 100° to 113° at numerous stations from the 1st to the
h.

here was practically no rain during the first decade, but
n the 11th to the 15th and from the 22d to the 28th show-
were frequent. The average precipitation for the State was
siderably above normal, all stations in the upper Arkansas
ley and the northern counties showing positive departures,
le there were lighter totals in numerous eastern and south-
localities.

he weather for the month as a whole was unfavorable for
st crops. The extremly high temperatures which charac-
zed the first of the month caused cotton to deteriorate over
greater portion of the State and much of it opened prema-
ely. Practically all growth was stopped and in many sections
top crop matured. The rains the latter portion of the month
ayed picking and the continued warm weather caused some
d to sprout in the boll. It was also too wet for corn and rice
rvest and rice especially was damaged. Conditions at the
se of the month were favorable for meadows, pastures, truck,
d fruit and for the preparation of the soil for sowing wheat,
s and rye.

All rivers of the State were at low stages until late in the
nth when heavy rains brought moderately high stages in
e White, Red, and Little Red. The Arkansas at Little Rock,
e White at Batesville, and the Ouachita at Arkadelphia
ached record low stages.

W. C. H.

TEMPERATURE

The mean temperature for the month of September, as de-
rmined from the records of 54 stations, was 80.5° which is
6° above normal, all stations showing positive departures.
onthly means ranged from 72.5° at Dutton to 85.2° at Hel-
na, a difference of 12.7° between the mountains of the north-
est and the lowlands along the Mississippi. The highest tem-
erature recorded was 113° at Helena on the 6th, the lowest,
7° at Harrison on the 12th. The highest occurred in all sec-
ons of the State during the first decade, the lowest in most
ections from the 12th to the 14th or from the 23d to the 26th.

Late report, August, 1925: Huttig, Mean temperature 81.9°.
Total precipitation 3.00 inches.

PRECIPITATION

The average precipitation, as determined from the records of 77 stations, was 5.96 inches which is 2.63 inches above normal. Several negative departures occurred in White County and from Lee and Phillips counties southwestward, positive elsewhere. Monthly totals ranged from 15.61 inches at Lutherville to 0.58 inch at Princeton. The greatest amount measured in 24 consecutive hours was 4.60 inches at Arlberg on the 15th. The average number of rainy days was 7.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 1st, 1; 7th, 1; 8th, 19; 9th, 20; 10th, 8; 11th, 26; 12th, 11; 13th, 2; 14th, 18; 15th, 21; 20th, 2; 21st, 6; 22d, 11; 23d, 23; 24th, 17; 25th, 20; 26th, 13; 27th, 2; 28th, 10; 29th, 5; 30th, 1.

Dense Fog: 16th, 2; 22d, 7; 24, 1; 27th, 1; 28th, 2; 29th, 1.

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MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean.	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville..	29.97	30.32	28	29.72	10	2,958	15	w.	10	.....	.....	68
Fort Smith...	29 94	30.28	28	29.75	9	4,211	54	sw.	10	80	57	70
Little Rock	29.95	30.27	28	29.75	9	4,180	26	s.	9	77	51	71
Memphis....	29.97	30.27	28	29.79	9	3,966	27	sw.	25	74	53	68

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Monthly average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
†Means and Extremes	73.9		109	28	3.33		17	7	6	6
1891.....	73.4	−0.5	102	40	0.94	−2.39	22	6	2	2
1892.....	70.8	−3.1	96	32	2.14	−1.19	23	4	3	3
1893.....	74.0	+0.1	103	36	3.75	+0.42	19	5	6	5
1894.....	73.1	−0.8	109	38	3.56	+0.23	14	8	8	6
1895.....	77.1	+3.2	105	32	1.36	−1.97	19	7	4	4
1896.....	73.3	−0.6	106	35	3.25	−0.08	11	9	10	10
1897.....	76.6	+2.7	108	33	0.60	−2.73	21	7	2	2
1898.....	75.2	+1.3	104	40	7.35	+4.02	15	6	9	8
1899.....	71.9	−2.0	109	28	1.21	−2.12	20	7	3	3
1900.....	78.0	+4.1	104	48	4.25	+0.92	12	12	6	7
1901.....	72.6	−1.3	101	32	3.08	−0.25	18	8	4	4
1902.....	68.4	−5.5	99	30	5.06	+1.73	15	8	7	8
1903.....	70.7	−3.2	102	34	2.47	−0.86	18	7	5	5
1904.....	75.4	+1.5	101	37	2.46	−0.87	15	9	6	5
1905.....	74.2	+0.3	100	44	3.90	+0.57	16	7	7	8
1906.....	75.7	+1.8	100	47	6.24	+2.91	11	9	10	10
1907	73.9	0.0	106	38	2.22	−1.11	19	8	3	4
1908.....	73.4	−0.5	101	29	4.00	+0.67	13	8	9	7
1909.....	74.7	+0.8	108	31	2.84	−0.49	18	7	5	5
1910.....	76.4	+2.5	101	44	2.41	−0.92	18	8	4	5
1911.....	79.0	+5.1	102	46	3.67	+0.34	18	9	3	6
1912.....	78.5	+4.6	106	32	2.40	−0.93	18	8	4	4
1913.....	71.7	−2.2	108	33	10.10	+6.77	9	9	12	13
1914.....	74.4	+0.5	101	38	3.19	−0.14	16	9	5	5
1915.....	74.9	+1.0	100	34	1.43	−1.90	16	8	6	3
1916.....	72.5	−1.4	102	30	3.40	+0.07	19	6	5	6
1917.....	71.8	−2.1	99	37	1.76	−1.57	18	7	5	4
1918.....	67.3	−6.6	104	29	4.63	+1.30	16	5	9	7
1919.....	74.6	+0.7	108	40	2.72	−0.61	15	8	7	4
1920.....	74.9	+1.0	100	39	3.56	+0.23	17	6	7	6
1921.....	79.6	+5.7	104	35	3.38	+0.05	14	9	7	6
1922.....	76.2	+2.3	106	37	1.25	−2.08	22	5	3	3
1923.....	73 0	−0.9	98	45	5.56	+2.23	12	7	11	9
1924	69.7	−4.2	103	29	3.99	+0.66	17	5	8	7
1925.....	80.5	+6.6	113	47	3 64	+2.63	16	7	7	7

† Based on 30years record.

Climatological Data for September, 1925

Stations	Counties	Elevation, feet	Length of record yea	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	29	79.5	+ 5.3	102	6†	63	2	38	3.20	−0.09	0.85	0	6	20	1	9	w.	G. C. Thrash.
Arkadelphia ††	Clark	250	30	...	.....	.....	.....	.....	.....	.....	4.57	+1.93	1 80	0	5	16	7	7	sw.	F. J. Carpenter.
Arkansas City	Desha	145	41	.....	.....	.....	.....	.....	.....	.....	2.83	−0.09	0.87	0	6	17	4	9	s.	Geo. E. Payne.
Arlberg	Stone	700	3	.....	.....	.....	.....	.....	.....	.....	13.50	.....	4.60	0	9	13	11	6	ne.	J. D. Reeves.
Batesville	Independence	277	26	79.0	+ 6.0	107	6†	59	13	44	6.74	+2.84	1.80	0	13	11	6	13	e.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	33	79.8	+ 5.4	108	7	57	13	39	9.44	+6.32	2.32	0	8	15	8	7	sw.	J. E. Scanlan.
Bentonville	Benton	1303	20	75.6	+ 5.7	100	7†	54	13	35	5.79	+2.32	1.59	0	9	18	7	5	sw.	U. S. Weather Bureau.
Black Rock	Lawrence	259	23	.....	.....	.....	.....	.....	.....	.....	8.52	+5.28	1.76	0	11	15	4	11	.....	Vernon C. Howe.
Booneville	Logan	465	11	80.2	+ 4.6	107	5†	58	13	42	5.85	+2.67	2.35	0	9	16	8	6	s.	J. F. Randolph.
Brinkley	Monroe	205	38	83.6	+ 9.0	109	6	64	13	39	4.05	+0.82	2.21	0	5	23	5	2	s.	H. L. D. Whitson.
Calico Rock	Izard	361	21	79.0	+ 7.2	108	8	54	13	46	6.33	+2.76	1.50	0	10	9	15	6	sw.	W. J. Copp.
Camden	Ouachita	158	40	82.4	+ 7.0	109	6	63	2†	44	2.64	−0.68	1.26	0	6	18	4	8	s.	A. B. Quarterman
Center Point	Howard	470	27	83.2	+ 6.5	107	6†	64	26	32	3.12	−0.55	0.89	0	6	13	12	5	sw.	John C. Floyd.
Clarendon	Monroe	200	21	.....	.....	.....	.....	.....	.....	.....	4.23	+0.63	2.08	0	6	13	8	9	s.	J. W. Bishop.
Clinton	Van Buren	516	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	.....	6[1]	8[1]	4[1]	.....	Dr. R.M. Hunter.
Conway	Faulkner	309	42	81.4	+ 6.4	107	7	59	13	41	4.20	+0.69	1.15	0	7	20	7	3	s.	E. E. Cordrey.
Corning	Clay	293	32	78.5	+ 6.1	107	4†	61	28	42	11.05	+7.33	3.24	0	8	18	3	9	s.	Winfred D. Polk.
Dam No. 1 ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	5.37	.....	1.90	0	8	23	2	5	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	9.93	+6.98	2.35	0	11	17	0	13	s.	C. P. Evans.
Dardanelle	Yell	330	39	81.9	+ 7.5	105	9	64	2†	37	10.46	+7.17	4.00	0	8	19	0	11	w.	J. D. Riley.
Dodd City	Marion	1175	42	76.2	+ 4.4	103	5†	51	14	39	7.43	+3.57	2.00	0	6	6	15	9	s.	Neal Dodd.
Dumas	Desha	162	19	83.0	+ 7.4	109	8	62	3	42	3.70	−0.10	1.26	0	9	9	17	4	s.	Ben Johnson.
Dutton	Madison	1590	22	72.5	+ 3.8	101	7	53	13	46	9.35	+5.25	2.41	0	7	20	6	4	s.	J. M. Ricketts.
El Dorado	Union	270	24	83.2	+ 6.8	106	6†	66	12	36	4.02	+1.16	1.40	0	6	10	14	6	sw.	J. J. Babb.
England	Lonoke	229	18	82.4[d]	+ 7.3	108[d]	6†	61[d]	13	42[d]	2.88	−0.82	0.87	0	...	16[d]	7[d]	3[d]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	25	76.6	+ 4.8	102	4†	51	13	31	6.78	+2.82	2.67	0	9	17	9	4	sw.	Geo. W. Nicholds.
Fayetteville	Washington	1451	37	75.6	+ 3.2	101[a]	7	51	14	31[a]	5.74	+2.56	2.72	0	6	19[a]	5[a]	5[a]	sw.	University of Arkansas.
Fort Smith	Sebastian	457	44	79.8	+ 5.8	104	7	60	13	33	7.52	+4.35	3.10	0	8	13	11	6	e.	U. S. Weather Bureau.
Freeman Springs	Pope	2240	1	.....	.....	.....	.....	.....	.....	.....	14.16	.....	4.44	0	13	20	4	6	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	3 58	+1.14	1.32	0	5	16	6	8	.....	T. J. Logan.
Georgetown	White	200	13	.....	.....	.....	.....	.....	.....	.....	3.80	−0.18	1.40	0	7	13	6	11	s.	W. R. Owens.
Gilbert	Searcy	675	2	.....	.....	.....	.....	.....	.....	.....	12.12	.....	3.79	0	10	16	7	7	.....	Ben F. Battenfield.
Grady	Lincoln	172	1	.....	.....	.....	.....	.....	.....	.....	3.14	.....	1.50	0	5	14	9	7	.....	O. C. Des Jardin.
Grannis	Polk	900	7	79.2	.....	103	6	59	27	40	4.74	.....	1.80	0	6	15	12	3	sw.	W. E. Mc Vay.
Gravette	Benton	1250	28	74.4	+ 3.6	100	7	48	13	41	4.71	+1.30	1.38	0	8	17	8	5	sw.	A. F. Stevens.
Harrison	Boone	1052	24	75.8	.....	104	4†	47	12	44	8.02	+4.43	2.60	0	7	17	9	4	.....	G. L. Wright.
Heber Springs	Cleburne	485	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Claude Jones.
Helena	Phillips	193	53	85.2	+10.4	113	6	66	1†	44	1.90	−1.53	0.86	0	6	15	4	11	n.	James A. Burnett.
Higden	Cleburne	445	7	.....	.....	.....	.....	.....	.....	.....	9.27	.....	2.38	0	9	17	8	5	sw.	J. A. Ingram.
Hope	Hempstead	377	54	82.2	+ 6.2	108	7	65	23†	38	4.80	+1.81	1.40	0	6	18	7	5	n.	N. P. O' Neal.
Hot Springs	Garland	600	34	81.2	+ 5.8	105	6†	60	13	34	4.71	+1.24	1.93	0	8	20	6	4	.....	P. P. Patraw.
Huttig	Union	175	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Collett.
Jonesboro	Craighead	345	30	82.0	+ 7.7	110	6†	60	18†	45	5.84	+2.35	2.96	0	10	13	11	6	w.	Benedictine Sisters.
Junction ‡‡	Union	382	31	82.4	+ 6.8	110	6†	62	4	45	4.34	+2.06	1.71	0	5	20	5	5	w.	J. A. Lowdenback.
Little Rock	Pulaski	357	46	81.9	+ 7.8	104	7	65	24	29	3.38	+0.12	1.54	0	8	16	7	7	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	26	80.0	+ 6.4	104	5†	57	13	31	15.61	+12.16	4.02	0	9	17	4	9	se.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	1.92	.....	0.48	0	7	.....	.....	.....	.....	P. T. Simons.
Magnolia	Columbia	315	6	82.2	.....	107	6	59	25	39	2.62	.....	0.95	0	6	4	22	4	se.	State Agri. School.
Malvern	Hot Springs	277	38	81.8	+ 7.5	109	7	61	26	44	4.37	+1.19	1.90	0	7	22	4	4	ne.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	20	77.2	+ 5.8	106	9	59	13	44	8.14	+4.53	1.40	0	11	10	10	10	n.	F. M. Daniel.
Marianna	Lee	235	13	82.6	+ 9.6	106	7	66	24	35	1.33	−1.91	0.46	0	5	3	14	13	s.	C. N. Houck.
Marked Tree	Poinsett	229	21	80.2	.....	106	6	62	12†	39	6.36	+3.92	2.28	0	9	14	11	5	ne.	Charles Walton.
Marshall	Searcy	1070	11	77.4	+ 4.9	104	6	51	13	47	13.58	+9.70	4.41	0	7	14	10	6	sw.	A. J. Park.
Mena	Polk	1185	38	80.2	+ 6.4	107	8	58	27	38	5.00	+1.41	2.37	0	10	17	6	7	sw.	E. W. St. John.
Morrillton	Conway	347	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Henry Harless.
Mountain Home	Baxter	800	11	77.3	+ 6.3	107	6†	53	13†	47	8.65	+4.59	3.40	0	6	15	8	7	sw.	B. S. Halbert.
Mount Ida	Montgomery	650	26	78.3	+ 5.4	107	6	58	27	47	9.78	+6.59	2.71	0	7	15	8	7	sw.	G. A. Whittington.
Murfreesboro ††	Pike	367	10	.....	.....	.....	.....	.....	.....	.....	3.84	+1.09	1.76	0	7	10	10	10	.....	Henry A. Davis.
Newport	Jackson	231	41	82.0	+ 8.2	109	4†	61	1	41	5.55	+1.80	2.06	0	8	16	7	7	n.	A. C. Wilkerson.
Osceola	Mississippi	240	27	82.9	+ 8.5	105	7	64	24	35	6.29	+3.63	1.80	0	6	14	7	9	s.	June Thomason.
Ozark	Franklin	450	30	80.2[a]	+ 4.1	105[a]	6†	61[a]	27	40[a]	5.95	+2.96	2.62	0	6	17[a]	6[a]	6[a]	sw.	Isham Burrow.
Patterson	Woodruff	196	9	.....	.....	.....	.....	.....	.....	.....	4.71	+1.95	1.05	0	8	20	0	10	s.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	10.58	.....	3.25	0	10	18	4	8	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	8.75	.....	3.55	0	9	19	4	7	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	38	84.8	+11.7	110	5†	67	1†	38	2.68	−0.93	1.12	0	8	16	6	8	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	309	32	80.0	+ 5.2	107	5†	58	13	41	7.24	+3.66	1.45	0	12	13	8	9	w.	Benedicitine Sisters.
Portland	Ashley	122	19	82.4	+ 6.0	106	7	64	1	37	6.13	+3.38	2.42	0	7	15	10	5	s.	W. E. Edmiston.
Prescott	Nevada	329	37	83.4	+ 7.6	107	5†	65	13†	38	2.91	−0.07	0.96	0	5	16	7	7	sw.	C. D. Calhoun.
Princeton ††	Dallas	287	19	.....	.....	.....	.....	.....	.....	.....	0.58	−2.75	0.37	0	2	21	3	6	.....	Foote Coleman.
Rison	Cleveland	243	24	81.2[a]	+ 5.4	109[a]	6†	61[a]	1	40[a]	3.05	−0.32	1.29	0	5	22[a]	4[a]	3[a]	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	75.2	+ 4.1	101	4†	53	13	42	6.36	+2.86	2.20	0	10	16	10	4	s.	Carl A. Starck.
Searcy	White	236	13	83.5	+10.1	111	7	62	23	37	2.66	−0.63	1.10	0	6	20	7	3	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	2.77	−0.53	1.07	0	5	20	3	7	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	8.18	.....	2.02	0	9	16	6	8	s.	S. C. Story.
Stuttgart	Arkansas	228	38	83.6	+ 8.8	109	7	80	26	39	1.27	−2.17	0.41	0	6	10	15	5	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	81.2	+ 7.6	108	5†	58	13	38	6.46	+3.22	2.22	0	9	18	5	7	s.	New Subiaco Abbey.
Texarkana	Miller	332	39	81.8	+ 5.0	108	6	62	12	38	4.15	+1.42	1.76	0	6	18	7	5	s.	H. S. Brashear.
Thornburg	Perry	350	1	.....	.....	.....	.....	.....	.....	.....	7.20	.....	2.30	0	6	22	5	3	w.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	5.20	.....	3.41	0	7	13	7	10	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	29	83.8	+ 7.8	107	6	68	11	34	4.18	0.00	1.60	0	6	17	6	7	s.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	6.08	.....	3.65	0	5	15	10	5	sw.	J. R. Hudolestor.
Whitecliffs	Little River	290	21	.....	.....	.....	.....	.....	.....	.....	2.49	+0.10	1.06	0	5	19	1	10	se.	Nannie O. Schirmer.
Wynne	Cross	250	17	82.2	+ 8.4	109	6	62	13	40	3.64	+0.21	1.50	0	6	18	7	5	s.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	3.71	.....	1.22	0	6	17	3	10	.....	W. E. Barton.
State Means and Extremes				80.5	+ 6.6	113	6	47	12	47	5.96	+2.63	4.60	0	7	16	7	7	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post-office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for September, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.8	3.7	3.7	3.5	3.4	3.4	3.3	3.2	3.1	3.0	3.5	3.5	3.4	3.6	7.0	12.5	11.7	9.7	8.9	6.7	6.5	4.8	5.3	5.2	7.0	8.7	11.3	9.7	9.4	8.7	....
Dardanelle	do	20	1.5	1.4	1.0	1.0	1.0	0.9	0.8	0.7	0 6	0.5	0.4	0 4	0.6	0.7	0.8	5.4	9.0	9.0	7.0	6.3	5.2	4.9	4.2	3.7	6.2	7.8	7.8	8.0	7.8	7.0	....
Little Rock	do	23	−1.9	−2.0	−2.0	−2.2	−2.3	−2.4	−2.5	−2.6	−2.6	−2.8	−2.8	−2.8	−2.8	−2.5	−2.3	−2.2	−1.1	4.8	7.1	5.6	4.1	3.0	2.0	1.0	0.6	1.8	6.1	7.7	7.2	7.0	....
Pine Bluff	do	25	2.2	2.0	1.8	1.8	1.6	1.5	1.4	1.3	1.1	0.9	0.8	0.8	0.7	0.7	0.7	1.2	1.3	2.5	9.2	10.9	9.5	7.9	7.2	6.4	5.5	5.0	6.4	10.6	11.7	11.2	....
Yancopin	do		5.3	5.0	4.8	4.6	4.5	4.3	4.2	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.5	3.6	3.8	3.9	9.9	13.8	13.3	12.1	11.1	10.0	9.1	8.3	8.4	13.4	15.4	....
Danville	Petit Jean		1.5	1.3	1.0	0.7	0.5	0.4	0.3	0.3	0.3	0.3	0.3	1.0	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.8	10.7	14.4	12.2	6.4	4.4	4.2	....

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ico Rock	White	18	-0.4	-0.4	-0.5	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.7	-0.8	-0.8	-0 6	0.0	0.3	1.5	0.8	0.5	0.1	-0.1	-0.2	0.7	0.5	1.3	12.3	16.6	10.4	6.2	5.2	....
tesville	do	23	4.4	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.1	4.0	4.0	4.5	4.0	4.0	4.7	5.3	5.1	6.0	5.5	5.2	4.8	4.6	4.6	5.1	5.5	12.0	20.9	21.5	14.8	11.5	....
wport	do	26	0.9	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	0.8	1.9	1.9	1.8	1.8	1.7	1.6	1.4	1.3	1.4	1.5	2.4	11.0	17.0	17.7	14.7	....
m No. 1	Little Red		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.0	3.0	2.0	1.5	1.2	1.0	0.9	0.8	0.8	1.0	20.0	24.0	12.0	8.0	....
rgetown	White	22	-0.6	-0 6	-0.6	-0.8	-0.8	-0.8	-1.0	-1.0	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.0	-1.0	-0.8	1.6	1.8	1.6	1.4	1.0	0.8	0.6	0.6	0.6	4.0	14.6	17.4	17.2	....
rendon	do	30	6.4	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.8	5.7	5.7	5.7	5.8	5.9	6.1	7.0	7.8	7.9	7.9	7.7	7.5	7.2	7.0	7.0	8.4	14.0	16.8	....
bert	Buffalo	30	3.1	3.0	3.0	3.0	3.0	3 0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	3.3	3.7	4.8	4.4	4.0	3.9	3.8	3.7	3.7	3.7	3.7	8.6	12.5	6.8	6.3	5.7	....
rning	Black	15	5.1	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.8	4.8	4.8	5.0	5.4	5.5	5.7	6.0	6.3	6.2	6.1	6.0	5.8	5.7	5.7	5.8	5.9	6.2	6.8	8.5	9.8	10.0	....
ack Rock	do	14	1.4	1.2	1.0	0.8	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.7	1.0	1.5	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.5	2.3	2.4	4.9	4.7	4.9	4.8	4.8	....
tterson	Cache	9	2 4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.8	5.1	....
kadelphia	Ouachita	18	-0.7	-0.6	-0.3	-0.3	-0.5	-0.6	-0.5	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7	-0.6	-0.6	-0.7	-0.2	1.5	-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	0.0	0.0	0.3	2.0	2.5	2.9	....
nden	do	30	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.6	2.9	3.0	3.0	2.9	2.8	2 8	5.1	5.0	4.8	4.7	4.7	4.8	5.2	4.7	4.7	5.8	6.8	....
lton	Red	28	5.8	5.7	5.6	5.3	5 2	5.1	5.0	5.0	5.0	5.0	4.8	4.7	4.6	4.6	4.6	5.0	5.0	16.6	20.6	22.2	21.2	19.0	16.8	14.9	13.5	12.9	12.1	11.4	10.9	12.3	....
ringbank	do	37	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	17.3	23.3	25.3	24.1	22.3	19.8	17.8	15.3	14.3	13.8	13.3	12.8	....
hitecliffs	Little	28	0.8	0.8	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.1	9.6	12.0	12.4	10.0	8.2	6.2	4.0	3.0	2.0	1.5	1.1	0.8	...
arked Tree	St. Francis	17	0.5	0.9	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.7	0.9	0.9	1.0	1.7	2.3	2.4	2.6	2.9	2.9	2.9	2.8	2.7	2.6	2.5	2 6	2.9	3.1	3.4	3.7	....
elena	Mississippi	44	4.8	4.2	3.5	2.9	2.4	1.9	1.6	1.1	0.7	0.3	0.2	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0 1	0.0	0.5	1.2	2.0	2.7	3.0	3.0	3.0	2.8	2.7	2.8	....
rkansas City	do	48																															

Daily Precipitation for September, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.55	....	.30	.35	...	....	....	....	....	....	....	....	.85	.35	.80	....	....	....	....	....	3.20
rkadelphia ‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	1.80	.57	1.40	.70	....	....	....	....	....	4.57
rkansas City ‖	Mississippi	....	....	....	....	....	....	T.	....	....	....	....	.76	.45	....	....	....	....	....	....	....	....	....	....	.87	.43	.07	.25	T.	....	....	....	....	2.83
rlberg	White	....	....	....	....	....	....	....	....	....	....	.15	.25	....	.85	4.60	....	....	....	....	....	....	....	1.10	2.00	2.50	.90	....	1.15	....	....	....	13.50
atesville ‖	White	....	....	....	....	....	....	T.	.30	.02	....	1.80	.39	....	1.50	.46	....	....	....	....	....	....	....	.40	.12	.68	.45	.54	.02	.06	T.	....	6.74
ee Branch	Arkansas	....	....	....	....	....	....	....	T.	....	1.20	1.70	....	.54	.94	....	....	....	....	....	....	....	....	.44	1.04	2.32	1.22	....	....	....	....	....	9.40
entonville ***	Arkansas	....	....	....	....	....	....	....	....	1.07	.52	....	....	....	1.59	.93	....	....	....	....	....	....	T.	....	.54	.68	.44	....	....	....	.01	.01	....	5.79
lack Rock. ‖	White	....	....	....	....	....	....	....	.02	.26	....	1.18	1.19	....	1.52	.47	....	....	....	....	....	....	....	1.26	.06	.24	1.76	.56	....	....	....	....	8.52
oone ville	Arkansas	....	....	....	....	....	....	.03	....	....	1.96	....	....	.34	.38	.02	....	....	....	....	....	....	....	.04	2.35	.66	.07	....	....	....	....	....	5.85
rinkley	White	....	....	....	....	....	....	....	....	....	....	2.21	....	....	.08	....	....	....	....	....	....	....	....	....	.24	....	.98	.54	....	....	....	....	4.05
alico Rock ‖	White	.01	....	....	....	....	....	T.	T.	....	....	.27	T.	T.	1.50	.61	....	....	....	....	....	....	.16	.27	.16	.91	1.49	.95	....	T.	....	....	6.33
amden	Ouachita	....	....	....	....	....	....	....	....	....	....	.29	....	....	....	....	....	....	....	....	....	....	....	....	.56	.24	1.26	.25	....	....	.04	....	2.64
enter Point	Red	....	....	....	....	....	....	....	....	....	....	.67	....	.38	....	....	....	....	....	....	....	....	....	.06	.89	.52	.60	....	....	....	....	....	3.12
larendon ‖	White	....	....	....	....	....	....	....	....	....	....	2.08	.03	T.	.03	....	....	....	....	....	....	....	....	....	.02	....	.87	.41	....	.79	....	....	4.23
linton	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.80	1.45	3.15	.80	....	....	....	....	....	....
onway	Arkansas	....	....	....	....	....	....	....	....	....	.03	.65	....	....	.17	....	....	....	....	....	....	....	....	....	1.07	1.15	1.09	.04	....	....	....	....	4.20
orning	White	....	....	....	....	....	....	....	....	.56	....	1.11	3.24	....	.76	1.49	....	....	....	....	....	....	1.01	....	....	.32	....	2.56	....	....	....	....	....	11.05
am No. 1. ‖	White	....	....	....	....	....	....	....	....	....	.24	.65	....	....	.88	....	....	....	....	....	....	....	.36	....	.34	1.90	.67	....	.33	....	....	....	5.37
anville	Arkansas	....	....	....	....	....	....	....	....	.15	.68	....	1.78	.34	.12	.36	.10	....	....	....	....	....	....	....	1.90	2.35	2.00	.15	....	....	....	....	....	9.93
ardanelle ‖	Arkansas	....	....	....	....	....	....	....	....	....	....	....	1.50	....	.70	.60	....	....	....	....	....	....	.20	.74	1.12	4.00	1.60	....	....	....	....	....	....	10.46
odd City	White	....	....	....	....	....	....	....	....	....	....	....	....	....	1.59	....	....	....	....	....	....	....	....	.50	1.00	2.00	2.00	....	....	....	.34	....	7.43
unnas	Mississippi	....	....	....	....	....	....	.15	T.	....	.32	.20	.03	....	....	....	....	....	....	....	....	....	....	.08	1.22	1.26	.29	.15	....	....	....	....	....	3.70
utton	White	....	....	....	....	....	....	....	....	....	.97	....	....	2.36	2.41	....	....	....	....	....	....	....	....	1.41	.90	1.13	.17	....	....	....	....	....	....	9.35
l Dorado	Ouachita	T.	....	....	....	....	....	....	....	....	....	1.35	.19	....	....	....	....	....	....	....	....	....	....	....	.64	.44	1.40	.09	....	....	....	....	....	4.02
ngland	Arkansas	....	....	....	....	....	....	....	....	....	....	.85	....	.15	....	....	....	....	....	....	....	....	....	....	.32	.87	‡	‡	‡	.69	....	....	....	2.88
ureka Springs	White	....	....	....	....	....	....	....	....	....	.76	....	....	2.67	.35	....	....	....	....	....	....	.10	....	.67	.35	.65	.22	....	....	1.01	....	....	6.78
vening Shade	White	....	....	....	....	....	....	....	....	....	....	....	....	1.00	1.02	....	....	....	....	....	....	1.01	....	.94	1.00	.75	1.00	....	....	....	....	....	....
ayetteville	White	....	....	....	....	....	....	T.	....	....	1.20	....	....	2.72	.12	....	....	....	....	....	....	....	....	.83	.33	.54	....	....	....	....	....	....	5.74
ort Smith ***	Arkansas	....	....	....	....	....	....	....	....	.76	.31	....	T.	1.46	3.10	....	....	....	....	....	....	.01	....	.62	.69	.57	....	....	....	....	....	....	7.52
reeman Springs	Arkansas	....	....	....	....	....	....	....	....	T.	....	.13	.05	.83	1.98	1.05	....	....	....	....	....	....	.41	.51	1.10	4.44	3.20	.24	....	.20	.02	....	14.16
ulton	Red	....	....	....	....	....	....	....	....	....	....	1.10	....	....	T.	....	....	....	....	....	....	....	....	....	.80	.13	1.32	.23	....	....	....	....	....	3.58
eorgetown	White	....	....	....	....	....	....	....	....	....	....	1.40	.15	....	.45	....	....	....	....	....	....	....	....	....	.25	....	55	.60	....	.40	....	....	....	3.80
ilbert	White	....	....	....	....	....	....	....	.23	....	....	.08	T.	1.08	2.19	.80	....	....	....	....	....	....	....	.11	.49	3.79	2.90	1.35	....	....	....	....	....	12.12
rady	Arkansas	....	....	....	....	....	....	....	....	....	.49	....	....	....	....	....	....	....	....	....	....	....	....	.44	.10	1.50	.70	....	....	....	....	....	....	3.14
rannis	Red	....	....	....	....	....	....	....	....	....	.11	....	....	1.06	....	....	....	....	....	....	....	....	....	1.27	1.80	.46	....	....	....	....	.04	....	....	4.74
ravette	Arkansas	....	....	....	....	....	....	....	.35	1.18	....	....	....	1.38	.36	....	....	....	....	....	....	....	....	.52	.24	.62	.06	....	....	....	....	....	....	4.71
arrison	White	....	....	....	....	....	....	....	....	....	....	....	....	2.50	.18	....	....	....	....	....	....	....	.06	....	.36	2.60	1.58	....	....	....	.74	....	....	8.02
elena	Mississippi	....	....	....	....	....	....	....	....	....	.10	.20	....	....	....	....	....	....	....	....	....	....	....	....	.30	.42	.02	.86	....	....	....	....	....	1.90
igden	White	....	....	....	....	....	....	....	....	....	.92	.60	....	1.40	2.38	....	....	....	....	....	....	....	....	.62	1.07	1.02	1.22	.04	....	....	....	....	....	9.27
ope	Red	....	....	....	....	....	....	....	....	....	.02	1.10	....	.01	....	....	....	....	....	....	....	....	....	....	1.40	.87	1.40	....	....	....	....	....	....	4.80
ot Springs	Ouachita	....	....	....	....	....	....	....	....	....	.05	.49	....	.61	....	....	....	....	....	....	....	....	....	.13	1.80	.66	.91	....	.06	....	....	....	....	4.71
onesboro	White	....	....	....	....	....	....	....	....	....	.02	.64	.10	.52	2.96	....	....	....	....	....	....	....	.14	.03	.07	....	1.28	.08	....	....	....	....	....	5.84
unction	Ouachita	....	....	....	....	....	....	....	....	....	....	1.71	....	....	....	....	....	....	....	....	....	....	.24	1.10	T.	1.07	.22	....	....	....	T.	....	....	4.34
Little Rock ***	Arkansas	....	....	....	....	....	....	....	....	....	.35	T.	....	.31	....	....	....	....	....	....	....	....	....	.46	.29	1.25	.70	....	.01	....	.01	....	3.38
utherville	Arkansas	....	....	....	....	....	....	T.	.50	....	.70	....	....	.90	4.02	....	....	....	....	....	....	.73	....	.91	3.04	2.75	2.06	....	....	....	....	....	15.61
cGehee	Mississippi	....	....	....	....	....	....	....	....	....	.30	.48	....	....	....	....	....	....	....	....	....	....	....	.30	.34	.24	.20	.06	....	....	T.	....	....	1.92
agnolia	Red	....	....	....	....	....	....	....	....	....	.95	.70	....	.05	....	....	....	....	....	....	....	....	....	....	.42	.45	.10	....	....	....	....	....	....	2.62
alvern	Ouachita	....	....	....	....	....	....	....	....	....	....	.18	....	....	.35	....	....	....	....	....	....	....	....	....	.50	.55	1.90	.49	....	.40	....	....	....	4.37
ammoth Spg. ‖	White	....	....	....	....	....	....	....	T.	....	.40	....	....	1.15	1.22	....	....	....	....	.72	1.40	.12	.18	.75	.65	.35	....	....	....	1.20	....	....	8.14
arianna	Mississippi	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	....	....	....	....	....	.16	.31	.26	.46	....	....	....	....	....	1.33
arked Tree ‖	Mississippi	....	....	....	....	....	....	....	....	T.	....	2.28	.02	....	1.86	.01	....	....	....	....	....	....	....	....	.13	.28	.65	.94	.19	....	....	....	....	6.36
arshall	White	....	....	....	....	....	....	.36	....	....	T.	T.	....	1.39	4.41	....	....	....	....	....	....	T.	....	.64	1.33	3.81	1.64	....	....	....	....	....	....	13.58
ena	Ouachita	....	....	....	....	....	....	....	.02	....	....	.12	.24	.03	.97	....	....	....	....	....	....	....	....	.05	2.37	.69	.47	.04	....	....	....	....	....	5.00
ountain Home	White	....	....	....	....	....	....	....	....	....	....	....	....	2.00	.50	....	....	....	....	....	....	....	....	.22	.53	3.40	2.00	....	....	....	....	....	....	8.65
ount Ida	Ouachita	....	....	....	....	....	....	.21	....	....	....	2.71	....	.81	....	....	....	....	....	....	....	....	....	1.20	2.65	1.35	.85	....	....	....	....	....	....	9.78
urfreesboro ‖	Ouachita	....	....	....	....	....	....	....	....	....	.19	.31	....	....	.60	....	....	....	....	....	....	....	....	....	.13	.57	1.76	.28	....	....	....	....	....	3.84
ewport	White	....	....	....	....	....	....	....	....	....	....	1.10	....	.21	2.06	....	....	....	....	....	....	.08	....	.22	.15	1.32	.41	....	....	....	....	....	....	5.55
sceola	Mississippi	....	....	....	....	....	....	....	....	....	....	1.80	.12	....	1.92	....	....	....	....	....	....	....	....	....	....	.24	.49	1.72	....	....	....	....	....	6.29
zark	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.96	2 62	....	....	....	....	....	....	....	....	.38	1.18	.56	.25	....	....	....	....	....	....	5 95
atterson	White	....	....	....	....	....	....	....	....	....	....	.55	.81	....	.65	....	....	....	....	....	....	....	.30	....	.28	....	.87	1.05	....	.25	....	....	....	4.71
iggott	Mississippi	....	....	....	....	....	....	....	.26	....	2.35	.60	....	1.38	.66	....	....	....	....	....	....	.55	....	.15	.42	3.25	.96	....	..	....	....	....	....	10.58
indall	White	....	....	....	....	....	....	....	....	....	.02	....	....	1.10	1.31	....	....	....	....	....	....	.21	.02	.35	1.04	3.55	1.15	....	....	....	....	....	....	8.75
ine Bluff	Arkansas	....	....	....	....	....	....	....	....	....	....	1.12	.03	....	.03	....	....	....	....	....	....	....	....	....	.02	.05	.65	.75	T.	.03	....	..	2.68
ocahontas	White	.40	....	....	....	....	....	....	....	.05	.30	1.02	.05	1.35	1.20	....	....	....	....	....	....	.05	....	.15	.30	.92	1.45	....	....	....	....	....	....	7.24
ortland	Ouachita	....	....	....	....	....	....	....	....	....	....	1.40	.95	....	....	....	....	....	....	....	....	....	....	....	.76	2.42	.31	.19	.10	....	....	....	....	6.13
rescott	Ouachita	....	....	....	....	....	....	....	....	....	.46	....	....	T.	....	....	....	....	....	....	....	....	....	....	.39	.65	.96	.45	....	....	....	....	....	2.91
rinceton	Ouachita	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.21	.37	....	....	....	....	....	....	0.58
ison	Ouachita	....	....	....	....	....	....	....	....	....	....	.66	....	....	....	....	....	....	....	....	....	....	....	....	.25	.35	1.29	.50	..	....	....	....	....	3.05
ogers	Arkansas	....	....	....	....	....	....	....	....	.13	1.08	....	....	2.08	.12	....	....	....	....	....	....	.09	....	1.10	.28	1.05	.13	....	....	.30	....	....	....	6.36
earcy	White	....	....	....	....	....	....	....	....	....	....	.25	....	.20	.09	....	....	....	....	....	....	....	T.	T.	.12	1.10	.90	....	....	....	....	....	....	2.66
pringbank	Red	....	....	....	....	....	....	T.	....	....	T.	.72	....	....	....	....	....	....	....	....	....	....	....	....	.26	.12	1.07	.60	....	....	....	....	....	2.77
tory	Ouachita	....	....	....	....	....	....	....	....	....	.82	.98	....	.41	....	....	....	....	....	....	....	....	....	.93	1.05	1.59	2.02	.38	....	....	....	....	....	8.18
uttgart	Arkansas	....	....	....	....	....	....	....	....	....	.21	....	....	.15	....	....	....	....	....	....	....	....	....	.15	T	41	.32	....	....	....	.03	....	1.27
ubiaco	Arkansas	....	....	....	....	....	....	....	.02	.02	....	.55	....	....	.29	1.53	....	....	....	....	....	....	T.	....	.23	2.22	1.26	.34	....	....	....	....	....	6.46
exarkana	Red	....	....	....	....	....	....	....	....	....	....	1.76	....	....	....	....	....	....	....	....	....	....	....	....	.20	.70	.40	.70	....	....	....	....	....	4.15
Thornburg	Arkansas	....	....	....	....	....	....	....	....	....	2.30	1.00	....	.20	....	....	....	....	....	....	....	....	....	....	1.70	.60	1.40	....	....	....	....	....	....	7.20
Waldron	Arkansas	....	....	....	....	....	....	.01	.02	....	.91	T.	....	.33	....	....	....	....	....	....	....	....	....	....	3.41	.48	....	....	.04	....	....	....	....	5.20
Warren	Ouachita	T.	....	....	....	....	....	....	....	....	....	.31	....	.12	....	....	....	....	....	....	....	....	....	....	1.20	.50	1.60	.45	T.	....	T.	....	....	4.18
Waters	Ouachita	....	....	....	....	....	....	....	....	....	....	1.48	.10	....	....	....	....	....	....	....	....	....	....	....	3.65	20	.65	....	....	....	....	....	....	6.08
Whitecliffs	Red	....	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	....	....	....	....	....	....	....	....	.40	.25	.75	.09	....	....	....	....	....	2.49
Wynne	Mississippi	....	....	....	....	....	....	....	....	....	....	1.50	.03	....	.16	....	....	....	....	....	....	....	T	....	.25	..	1.26	.44	....	....	....	....	....	3.64
Yancopin	Arkansas	....	....	....	....	....	....	....	....	....	....	.50	.15	....	....	....	....	....	....	....	....	....	....	....	1.14	.50	1.22	.20	T.	....	....	....	....	3.71

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Included in next mesurement.

Daily Temperatures for September, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	95	98	100	100	100	102	102	101	101	94	90	88	87	85	88	92	93	93	92	93	97	97	90	75	72	70	81	85	83	85	....	91.0
	Minimum	65	63	66	65	65	64	65	67	69	72	77	70	67	72	70	67	70	69	69	73	69	67	72	66	67	65	65	67	69	68	....	68.0
Batesville§§	Maximum	99	103	105	106	106	107	107	106	104	96	99	80	87	86	79	94	95	96	96	95	92	93	72	68	74	74	85	89	88	89	...	92.3
	Minimum	63	65	66	64	66	63	64	64	67	69	74	69	59	63	64	65	67	66	66	68	70	68	66	63	65	65	65	65	67	66	....	65.7
Bee Branch	Maximum	100	103	106	106	106	106	108	107	106	97	95	78	86	84	78	93	96	97	97	96	95	95	90	73	68	69	85	87	89	90	....	92.9
	Minimum	64	68	68	67	68	71	69	72	71	67	70	68	57	65	67	64	68	67	67	68	70	66	68	63	63	63	63	66	67	66	..	66.7
Bentonville	Maximum	92	95	97	98	98	100	100	98	97	93	80	71	78	76	79	89	90	91	90	89	87	84	65	64	64	76	84	85	84	87	....	86.0
	Minimum	67	64	64	66	72	71	65	70	71	65	64	58	54	61	66	67	70	70	70	76	68	65	60	60	61	61	59	60	66	66	....	65.2
Booneville	Maximum	97	102	105	106	107	107	107	107	105	97	90	86	89	85	81	96	97	98	96	99	99	96	85	68	70	81	88	88	86	89	....	93.6
	Minimum	67	64	66	65	67	65	65	70	66	71	68	69	58	69	69	65	68	67	67	77	71	68	66	64	65	65	59	67	67	68	....	66.8
Brinkley	Maximum	103	105	105	107	106	109	108	108	104	100	92	82	90	89	93	98	100	100	99	99	99	99	93	76	86	79	88	85	90	93	...	96.2
	Minimum	66	69	70	73	72	73	69	70	74	74	75	72	64	70	74	70	72	72	72	74	72	69	68	65	67	69	68	72	68	84	....	70.9
Calico Rock§§	Maximum	102	103	106	107	107	107	106	108	107	99	92	83	90	90	87	81	84	99	99	96	98	96	90	67	70	70	89	91	90	92	....	93.7
	Minimum	63	63	64	65	65	62	60	64	65	64	73	69	54	57	64	67	68	66	65	67	71	67	68	63	63	63	59	60	65	66	....	64.3
Camden§§	Maximum	100	103	104	105	106	109	108	106	105	98	92	82	90	90	96	100	102	101	101	99	101	100	101	85	78	72	91	94	94	98	....	97.0
	Minimum	64	68	63	64	65	65	65	71	70	68	73	67	66	69	71	68	69	68	68	69	70	72	65	67	70	69	67	69	69	68	....	67.7
Center Point	Maximum	97	103	105	104	105	107	102	107	107	97	93	85	90	85	95	98	98	99	98	98	100	100	98	72	72	73	90	92	83	93	....	94.9
	Minimum	71	72	74	74	75	77	79	76	75	73	74	67	67	69	71	72	74	72	73	73	74	71	72	65	66	64	65	70	69	70	....	71.4
Conway	Maximum	98	101	104	105	106	106	107	106	106	96	97	82	88	87	89	96	100	100	101	100	100	100	87	74	72	72	86	90	90	92	....	94.6
	Minimum	64	67	70	65	67	65	66	69	69	72	76	69	59	68	71	69	66	68	69	74	70	66	72	65	67	66	66	67	68	67	....	68.3
Corning	Maximum	100	104	105	107	107	106	105	100	105	105	95	79	79	80	75	88	95	95	88	94	84	85	73	75	77	75	81	87	90	90	....	91.0
	Minimum	66	66	68	65	70	67	65	67	68	68	70	69	60	62	66	66	68	68	69	72	63	65	62	62	62	66	68	61	66	66	....	66.0
Dardanelle	Maximum	90	99	101	103	104	104	103	104	105	103	100	94	92	94	91	95	98	98	97	98	93	91	90	89	91	93	92	96	94	97	....	96.6
	Minimum	67	64	67	68	67	67	68	67	70	71	69	69	66	64	68	64	66	64	70	70	72	68	67	64	65	67	66	68	66	67	....	67.2
Dodd City	Maximum	97	98	98	101	103	103	103	100	97	95	92	84	82	81	86	90	92	92	91	90	92	92	93	79	75	65	83	84	87	86	....	90.0
	Minimum	64	64	64	64	66	67	64	70	67	66	65	68	65	51	52	64	63	64	63	65	62	62	63	59	56	56	57	60	60	64	....	62.5
Dumas	Maximum	98	102	104	107	108	107	105	109	107	100	95	76	87	93	96	100	103	103	103	104	102	103	103	98	84	85	79	85	89	93	....	97.3
	Minimum	63	65	62	67	68	67	70	70	71	70	72	69	68	69	71	70	70	70	72	70	73	67	67	64	70	68	67	73	70	69	....	68.7
Dutton	Maximum	90	94	96	98	96	99	101	99	97	91	82	79	82	75	74	86	88	89	88	89	88	88	89	88	76	65	66	74	80	85	83	85	....	86.1
	Minimum	57	55	56	55	58	56	55	59	58	60	62	61	53	59	64	58	60	60	59	68	64	60	62	58	60	60	55	55	60	60	....	58.9
El Dorado	Maximum	100	102	104	105	104	106	106	105	105	98	96	80	89	89	95	98	99	99	98	97	98	97	97	86	77	75	87	91	90	91	....	95.5
	Minimum	68	68	68	73	72	71	75	75	75	70	71	66	67	70	72	74	74	72	73	71	74	73	72	68	70	69	68	69	70	69	....	70.9
England	Maximum	99	102	105	107	106	108	108	107	106	97	97	85	89	96	95	99	101	102	100	....	100	99	89	77	85	....	....	....	....	90	93	....	97.8
	Minimum	62	67	65	65	66	66	67	68	69	70	73	68	61	67	71	66	68	67	68	....	70	66	67	64	66	....	....	....	....	65	68	....	66.9
Eureka Springs	Maximum	97	96	98	102	100	101	102	99	100	94	83	76	80	77	79	91	90	91	90	89	86	87	71	63	64	78	85	89	87	87	....	87.7
	Minimum	66	65	68	76	76	78	67	71	75	69	62	58	51	59	64	63	69	73	70	76	67	63	60	58	59	60	57	59	63	64	....	65.5
Fayetteville	Maximum	87	92	93	91	94	100	101	96	98	....	84	87	80	81	79	88	88	90	87	88	90	82	76	71	64	76	84	87	88	86	....	86.5
	Minimum	65	64	69	70	68	71	70	71	72	69	64	61	59	51	58	65	66	71	68	70	72	67	61	59	56	59	58	63	62	61	....	64.8
Fort Smith	Maximum	95	98	101	101	103	103	104	102	99	90	83	82	84	81	74	94	97	97	94	95	93	91	76	68	68	81	84	88	86	88	....	90.2
	Minimum	74	70	72	72	74	72	71	74	72	66	68	67	60	66	69	67	72	73	72	78	74	70	66	65	65	64	63	68	69	70	....	69.4
Grannis	Maximum	95	98	101	101	100	103	102	102	102	94	87	87	88	84	89	93	94	93	92	91	95	95	94	82	66	78	81	85	87	89	....	91.7
	Minimum	65	61	64	64	64	63	73	72	78	64	78	74	78	63	67	65	66	70	73	69	66	66	63	60	62	60	59	60	65	65	....	66.6
Gravette	Maximum	94	95	96	98	98	99	100	97	98	93	80	75	79	76	79	88	89	90	88	89	85	84	72	64	64	74	82	84	84	85	....	85.9
	Minimum	64	59	59	60	64	65	59	65	70	65	65	59	48	61	66	65	67	71	68	75	70	68	60	58	58	58	57	57	67	63	....	63.1
Harrison	Maximum	97	100	101	104	102	102	101	103	98	91	80	84	80	81	94	95	96	94	93	89	91	69	65	64	79	87	89	85	90	91	....	89.9
	Minimum	60	61	61	62	63	58	68	62	67	66	62	47	57	62	62	63	63	64	70	64	65	63	61	59	59	56	57	62	59	64	....	61.6
Helena§§	Maximum	104	105	105	109	111	113	109	111	107	101	93	80	92	92	99	103	104	103	104	104	104	103	98	87	92	85	86	93	96	99	....	99.7
	Minimum	66	69	74	75	75	69	70	71	73	74	74	72	69	67	72	70	72	73	72	71	73	70	67	68	68	69	69	70	66	....	70.6
Hope	Maximum	99	103	104	105	106	105	108	104	105	99	92	86	93	94	94	96	98	98	98	96	97	97	95	75	74	74	85	90	89	8	....	94.9
	Minimum	67	69	66	69	68	68	70	72	70	73	74	67	68	73	72	69	73	70	72	73	73	70	65	67	66	65	65	70	70	69	....	69.4
Hot Springs	Maximum	96	100	102	103	103	105	105	102	104	95	93	82	90	85	91	96	97	99	98	96	98	98	86	72	74	69	86	87	86	89	....	92.9
	Minimum	66	69	72	69	70	71	72	72	71	73	75	68	60	70	71	68	71	72	73	75	72	68	71	65	68	65	65	68	68	67	....	69.4
Jonesboro	Maximum	100	103	106	107	108	110	110	108	105	103	102	98	81	87	84	81	93	99	99	96	98	90	94	74	70	80	76	84	85	86	....	93.5
	Minimum	70	71	75	74	74	65	71	73	74	77	74	69	60	64	69	68	73	89	74	72	73	60	65	63	65	67	68	69	68	78	....	70.4
Junction	Maximum	102	103	106	107	107	110	110	107	108	100	92	82	90	91	96	98	98	99	98	98	99	99	97	89	82	85	87	90	91	92	....	97.1
	Minimum	66	64	63	62	65	66	67	66	68	71	66	65	68	71	72	70	69	70	68	70	68	71	70	67	69	67	68	70	67	68	....	67.7
Little Rock	Maximum	95	100	102	102	102	103	104	103	102	94	91	81	88	84	91	96	97	98	98	96	96	96	81	71	74	70	83	87	89	90	....	91.8
	Minimum	71	73	75	73	74	76	76	79	78	76	71	68	66	70	74	72	76	74	74	73	72	70	66	65	67	67	68	72	69	70	....	72.6
Lutherville	Maximum	98	100	102	103	104	102	103	104	99	92	88	80	84	81	77	91	95	94	92	93	92	90	80	79	71	69	83	88	85	86	....	90.2
	Minimum	75	79	90	80	87	71	75	74	71	69	68	68	57	66	65	65	70	70	68	73	71	68	67	63	62	63	60	67	67	67	....	69.9
Magnolia	Maximum	101	91	104	104	105	107	105	104	104	98	90	84	88	90	93	98	99	99	99	100	98	97	97	83	73	72	88	90	93	93	....	94.9
	Minimum	67	63	65	71	66	68	82	78	70	72	72	67	67	71	72	73	73	69	71	72	74	68	66	69	59	66	68	70	70	68	....	69.6
Malvern	Maximum	98	102	103	105	106	108	109	107	107	98	96	86	94	88	96	100	101	102	100	100	101	101	92	79	74	74	88	88	87	95	....	96.2
	Minimum	64	66	68	64	65	64	65	69	69	69	76	68	60	70	69	68	69	67	68	70	69	68	67	66	67	66	67	69	68	67	....	67.4
Mammoth Spg. §§	Maximum	98	100	101	104	105	104	104	104	106	99	94	79	79	80	77	87	94	97	97	97	97	73	81	67	66	69	75	84	86	86	....	89.2
	Minimum	64	66	66	65	67	64	62	66	62	73	76	69	59	65	65	68	70	66	66	67	69	64	64	63	60	60	63	63	63	65	....	65.3
Marianna	Maximum	97	98	101	104	104	105	106	105	103	96	92	82	87	89	93	96	99	100	99	98	98	97	88	81	86	82	83	87	86	90	....	94.4
	Minimum	68	70	71	73	74	74	70	80	72	74	75	74	73	67	67	73	69	72	73	74	70	70	69	70	66	67	70	68	68	70	....	70.8
Marked Tree §§	Maximum	100	102	104	105	105	106	105	104	97	95	83	87	86	84	94	98	99	97	98	95	96	79	76	84	77	84	83	90	92	75	....	92.7
	Minimum	67	69	69	68	67	67	68	71	73	74	68	62	62	66	67	70	70	70	71	72	70	66	63	64	66	68	69	67	64	65	....	67.8
Marshall	Maximum	97	98	101	103	103	104	103	103	103	94	92	85	85	91	82	92	94	94	96	95	96	91	89	66	66	68	84	83	74	91	...	90.8
	Minimum	52	62	54	56	65	66	65	68	69	74	75	59	51	64	66	64	66	67	66	74	74	65	65	63	62	64	56	63	64	63	....	64.1
Mena	Maximum	97	100	103	103	104	106	104	107	105	95	94	81	91	82	96	96	96	98	96	96	96	98	87	67	68	81	84	87	87	88	....	92.9
	Minimum	66	65	68	67	69	68	70	72	71	72	69	68	59	66	71	65	70	70	71	72	72	69	68	64	64	62	58	62	67	67	....	67.4
Mt. Home	Maximum	99	101	104	105	105	107	107	106	105	99	94	85	90	82	79	93	96	97	95	95	95	91	75	66	66	68	85	88	88	90	....	91.9
	Minimum	63	64	63	65	65	64	60	68	65	64	69	62	53	59	65	65	65	64	64	64	67	65	61	60	58	61	53	59	64	63	....	62.7
Mt. Ida	Maximum	98	103	105	103	103	107	104	105	105	94	89	78	78	84	91	95	96	97	97	96	98	98	87	79	78	68	84	80	84	86	....	92.3
	Minimum	60	60	62	60	61	60	60	61	65	65	74	66	60	67	70	64	66	68	66	71	66	63	67	64	65	64	58	61	65	64	....	64.3
Newport	Maximum	100	104	105	109	109	109	109	109	109	100	99	82	87	86	86	89	100	100	99	100	95	96	80	71	80	79	87	89	90	94	....	95.1
	Minimum	61	69	71	69	69	68	69	73	71	76	75	71	69	65	68	68	70	69	69	74	72	69	67	64	65	68	68	69	68	66	..	69.0
Osceola	Maximum	98	99	102	103	101	104	105	101	100	94	93	90	92	84	81	92	96	99	96	97	91	94	93	75	84	80	84	83	90	91	....	93.1
	Minimum	70	73	73	73	72	72	70	71	77	76	75	69	71	67	68	70	74	74	75	73	74	71	67	64	67	68	69	67	70	66	....	70.9
Ozark	Maximum	98	100	103	104	104	105	105	104	104	98	89	89	89	84	81	94	96	99	97	....	96	94	84	71	70	80	87	91	89	91	....	93.0
	Minimum	64	65	66	65	69	66	65	79	67	75	71	67	66	65	68	65	65	66	68	....	71	70	68	65	65	65	61	67	69	69	....	67.3
Pine Bluff	Maximum	102	106	107	109	110	110	108	109	107	98	94	81	92	91	97	103	103	104	103	102	103	103	95	77	84	75	88	90	91	96	....	97.9
	Minimum	67	72	74	73	72	73	75	74	74	75	75	69	67	71	73	71	73	73	73	73	75	71	71	68	70	69	75	77	84	89	89	89	....	71.8
Pocahontas	Maximum	101	101	105	106	107	107	107	107	106	98	96	79	83	83	78	91	97	98	96	96	94	89	80	69	75	77	84	89	89	89	....	92.6
	Minimum	68	70	70	66	69	67	66	69	69	74	73	69	58	62	68	67	79	69	68	70	70	65	63	62	62	66	69	68	67	65	....	67.3
Portland	Maximum	95	100	100	102	104	105	106	105	103	96	91	77	85	89	92	94	95	96	95	92	104	102	100	91	91	87	88	90	91	94	....	95.3
	Minimum	64	67	66	66	68	70	75	68	74	70	72	68	68	69	70	72	72	72	73	69	73	68	68	67	69	69	70	69	69	69	....	69.5
Prescott	Maximum	98	101	104	105	107	107	106	107	107	100	93	92	90	92	95	99	101	102	102	102	101	100	99	93	87	83	87	93	90	93	....	97.9
	Minimum	68	67	66	71	69	71	70	74	71	74	71	67	65	66	72	69	70	69	70	72	71	70	66	67	68	65	65	65	70	69	....	68.9
Rison	Maximum	100	103	105	106	107	109	109	108	108	98	94	80	90	....	97	102	102	102	102	102	103	102	96	83	80	76	89	90	90	94	....	94.2
	Minimum	61	89	69	71	69	72	76	68	73	74	72	66	67	....	71	69	72	73	73	72	74	69	68	66	69	68	68	71	68	68	....	68.2
Rogers	Maximum	96	98	99	101	100	100	101	99	99	95	81	75	78	78	78	89	91	91	90	90	88	87	74	64	64	74	85	87	85	87	....	87.6
	Minimum	64	61	61	61	64	62	59	70	67	66	63	59	53	61	61	63	66	66	67	77	68	66	62	60	61	61	55	57	63	62	....	62.9
Searcy	Maximum	100	104	107	109	108	110	111	110	109	99	97	84	89	85	89	97	101	101	100	100	99	97	86	79	79	72	84	90	88	91	....	95.8
	Minimum	74	72	70	74	74	75	75	75	76	73	72	69	65	65	75	76	77	72	74	72	71	71	62	65	67	69	70	69	69	68	....	71.2
Stuttgart	Maximum	98	102	105	107	107	108	109	108	107	98	96	86	91	91	98	99	102	102	101	99	100	100	90	82	88	80	98	88	87	91	....	97.3
	Minimum	69	71	70	73	69	70	70	73	73	73	70	65	69	72	68	71	71	70	73	74	67	68	65	68	68	67	71	67	67	71	....	69.8
Subiaco	Maximum	98	100	103	105	108	107	107	108	106	102	89	86	91	88	80	93	100	100	99	100	98	96	85	69	69	81	86	89	89	91	....	94.1
	Minimum	69	72	69	69	70	70	70	72	69	72	68	69	58	68	68	65	70	71	69	75	73	68	67	64	65	64	60	67	67	68	....	68.2
Texarkana	Maximum	100	103	105	103	103	108	105	103	104	99	92	80	92	92	93	96	98	96	96	96	96	96	80	71	70	83	93	91	92	....	94.4
	Minimum	70	68	67	72	72	71	72	73	71	72	74	62	64	72	66	70	71	70	71	72	73	71	66	65	66	63	64	70	71	69	....	69.3
Warren	Maximum	95	100	102	103	105	107	106	106	106	102	95	75	85	89	95	99	99	100	100	98	100	99	95	84	81	79	85	87	88	91	....	95.2
	Minimum	71	71	69	77	74	73	76	75	76	77	68	69	71	73	71	72	73	73	74	74	75	75	71	69	70	71	71	71	69	70	....	72.3
Wynne	Maximum	100	104	105	106	107	109	106	107	106	99	97	83	89	87	89	97	99	100	100	98	97	97	87	76	86	80	85	87	87	92	....	95.4
	Minimum	65	67	70	69	69	71	67	67	71	73	75	72	62	63	71	67	73	72	72	72	71	70	68	64	67	69	68	71	69	67	....	69.1

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, ARK., OCTOBER, 1925 No. 10

GENERAL SUMMARY

If the weather of October, 1925, is compared with that of October, 1924, quite a contrast is found. During October, 1924, the precipitation averaged only 0.29 inch, being the driest October on record while October, 1925, with the exception of 1919, is the wettest on record. In 1924 the greatest monthly total was 2.13 inches. In 1925 the least monthly total was 3.57 inches. The temperature during October, 1924, averaged 2.6° above normal, this year, 3.6° below normal. In 1924 only two stations reported a monthly mean below normal, this year only one above.

The month opened with temperatures above normal and daily means were generally above during the first week or ten days, thereafter generally below normal until about the 28th when abnormally cold weather overspread the State, the lowest temperatures on record for so early in the fall being recorded at several stations. Killing frost or freezing temperatures occurred in practically the entire State from the 28th to the 31st, but damage was not large, most crops being matured.

Rains occurred at frequent intervals from the 1st to the 17th and from the 24th to the 30th. Amounts from the 12th to the 17th were heavy and all streams of the State reached moderately high stages, the Black, White, Cache, Little Red, and Petit Jean passing flood stages at several points. Much of the crops had not been gathered and considerable damage occurred in the lowlands, a conservative estimate of the total loss being $185,000.

The weather during the month was very unfavorable for harvesting. At the first of the month cotton was sprouting in the boll in some localities and while the cooler weather stopped the sprouting the continued rains prevented picking and at the close of the month much still remained in the fields, a part of which will not be worth picking. Much corn was also damaged. Late potatoes, sweet potatoes, and truck were frosted in many places, but this loss will not be large. Rice harvest was delayed by wet ground. Dirt roads were in bad condition most of the month.

W. C. H.

TEMPERATURE

The mean temperature for the month of October, as determined from the records of 56 stations, was 58.8° which is 3.6° below normal, Portland being the only station with a positive departure. Monthly means ranged from 65.4° at Portland to 51.8° at Mammoth Spring, a difference of 13.6° between southeastern and extreme northern portions of the State. The highest temperature recorded was 98° at Dardanelle on the 1st and Dumas on the 4th. The lowest was 13° at Dutton on the 31st. Extremes approximated these dates throughout the State. The greatest daily range was 55° at Grannis on the 21st.

PRECIPITATION

The average precipitation, as determined from the records of 83 stations, was 7.73 inches which is 4.73 inches above normal, all sections showing positive departures. Monthly totals ranged from 13.89 inches at Clinton to 3.57 inches at Prescott. The greatest amount measured in 24 consecutive hours was 4.12 inches at Freeman Springs on the 8th. An appreciable amount of snow fell at 13 stations, averaging 0.7 inch.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 1st, 13; 4th, 22; 5th, 4; 6th, 4; 7th, 20; 8th, 16; 11th, 1; 12th, 14; 13th, 1; 14th, 12; 15th, 16; 16th, 22; 23d, 11; 24th, 7; 29th, 1; 30th, 1.

Sleet:- 29th, 8; 30th, 10.

Dense Fog:- 2d, 2; 13th, 5; 14, 1; 22d, 1; 23d, 4; 24th, 2.

Killing Frost:- Killing frost or freezing temperature most localities 29th or 30th.

MISCELLANEOUS DATA

Stations	Pressure (Sea-level) Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville..	30.04	30.49	10	29.51	16	3,585	16	s.	27	.....	.....	40
Fort Smith...	30 03	30.52	10	29.56	16	5,555	42	nw.	14	85	69	55
Little Rock	30.03	30.49	10	29.58	16	5,688	34	s.	16	83	70	45
Memphis....	30.04	30.50	10	29.61	16	5,515	43	sw.	16	85	73	45

COMPARATIVE DATA FOR OCTOBER

Year.	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Monthly average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
Means and Extremes	62.3		101	12	3.00		18	6	7	5
1891.....	60.4	−1.9	92	27	0.65	−2.35	25	4	2	2
1892.....	63.3	+0.9	92	27	3.26	+0.26	16	7	8	6
1893.....	60.5	−1.8	99	23	1.30	−1.70	24	4	3	3
1894.....	63.0	+0.7	96	24	1.52	−1.48	22	5	4	3
1895.....	57.1	−5.2	95	21	1.44	−1.56	19	6	6	4
1896.....	60.8	−1.5	98	25	3.59	+0.59	18	5	8	6
1897.....	67.6	+5.3	99	28	2.01	−0.99	21	6	4	3
1898.....	69.0	+2.3	100	23	5.44	+2.44	16	7	8	8
1899.....	65.6	+3.3	101	28	2.88	−0.12	19	7	5	5
1900.....	66.0	+3.7	97	32	4.31	+1.31	14	10	7	6
1901.....	63.7	+1.4	95	27	2.07	−0.93	18	9	4	4
1902.....	62.5	+0.2	90	27	2.68	−0.32	18	9	4	4
1903.....	60.9	−1.4	97	26	2.22	−0.78	17	8	6	4
1904.....	62.5	+0.2	100	20	0.94	−2.06	23	5	3	2
1905.....	61.1	−1.2	92	23	4.49	+1.19	15	11	5	7
1906.....	58.2	−4.1	94	25	2.38	−0.62	18	5	8	6
1907.....	61.9	−0.4	96	23	3.03	+0.03	16	7	8	6
1908.....	59.2	−3.1	93	24	0.48	−2.52	21	6	4	2
1909.....	63.0	+0.7	98	24	2.15	−0.85	21	6	4	3
1910.....	62.9	+0.6	96	16	5.19	+2.19	21	5	5	6
1911.....	62.7	+0.4	101	25	1.67	−1.33	14	9	8	5
1912.....	63.8	+1.5	96	22	2.97	−0.03	18	8	5	4
1913.....	60.1	−2.2	95	18	5.41	+2.41	13	9	9	9
1914.....	63.0	+0.7	93	21	1.74	−1.26	13	8	10	5
1915.....	63.4	+1.1	94	26	2.83	−0.17	22	4	5	4
1916.....	62.8	+0.5	96	21	2.30	−0.70	21	4	6	4
1917.....	56 6	−5.7	99	12	1.89	−1.11	21	5	5	5
1918.....	65.6	+3.3	100	30	3.99	+0 99	13	5	13	8
1919.....	66.6	+4.3	98	33	0.90	+7.90	6	5	20	14
1920.....	64 2	+1.9	93	25	4.29	+1.39	16	6	9	7
1921.....	63 6	−0.7	96	27	0.72	−2.28	23	4	4	3
1922.....	63.1	+0.8	98	29	1.47	−1.53	18	6	7	4
1923.....	59 2	−3.1	94	29	3.53	+0 53	12	9	10	7
1924.....	64.9	+2.6	96	23	0.29	−2.71	24	4	3	1
1925.....	58 7	−3.6	98	13	7.73	+4.73	12	5	14	10

† Based on 30 years record.

Climatological Data for October, 1925

Stations	Counties	Elevation, feet	Length of record yea	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	29	60.1	− 2.7	90	6	28	31	36	3.71	+0.73	0.80	0	8	14	0	17	n.	G. C. Thrash.
Arkadelphia	Clark	250	30	....	....	....	....	....	....	....	5.28	+2.45	1.42	0	12	10	1	20	.....	F. J. Carpenter.
Arkansas City	Desha	145	41	....	....	....	....	....	....	....	6.33	+4.13	1.40	0	11	14	2	15	s.	Geo. E. Payne.
Arlberg	Stone	700	3	....	....	....	....	....	....	....	10.30	.....	2.80	0	8	14	2	15	se.	J. D. Reeves.
Batesville	Independence	277	26	55.5	− 5.7	90	4	23	31	37	9.33	+6.47	1.68	T.	13	12	4	15	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	33	57.8	− 4.8	91	4	25	31	32	8.76	+5.94	2.30	T.	11	13	4	14	n.	J. E. Scanlan.
Bentonville	Benton	1303	20	52.5	− 5.5	86	3	21	31	37	5.85	+3.04	2.15	0.3	10	11	4	16	ne.	U. S. Weather Bureau.
Black Rock	Lawrence	259	23	....	....	....	....	....	....	....	11.56	+8.99	2.75	0.5	14	13	2	16	.....	Vernon C. Howe.
Booneville	Logan	465	11	59.5	− 3.8	96	4	23	31	39	5.73	+2.84	1.65	0	10	15	2	14	e.	F. H. Randolph.
Brinkley	Monroe	205	38	60.4	− 1.7	93	4	29	31	39	7.49	+4.57	1.96	0	10	16	1	14	n.	H. L. D. Whitson.
Calico Rock	Izard	361	21	55.6	− 4.6	92	5	22	31	42	9.43	+6.92	2.52	0.5	12	10	8	13	s.	W. J. Copp.
Camden	Ouachita	158	40	61.5	− 2.2	94	3	29	31	47	5.95	+3.14	1.88	0	9	9	5	17	sw.	A. B. Quarterman
Center Point	Howard	470	27	62.0	− 1.6	94	4	27	31	34	8.44	+5.58	2.43	0	11	11	3	17	ne.	John C. Floyd.
Clarendon	Monroe	200	21	....	....	....	....	....	....	....	7.21	+4.17	1.98	0	13	9	4	18	n.	J. W. Bishop.
Clinton	Van Buren	516	4	....	....	....	....	....	....	....	13.89	.....	3.85	0	10	12	6	13	w.	A. L. Stephens.
Conway	Faulkner	309	42	59.6	− 3.5	95	4	25	31	41	8.33	+5.68	3.09	T.	11	15	6	10	n.	E. E. Cordrey.
Corning	Clay	293	32	57.0	− 2.0	88	3	26	31	32	8.81	+5.54	2.75	2.1	9	14	3	14	nw.	Winfred D. Polk.
Dam No. 1 ‡‡	White	190	2	....	....	....	....	....	....	....	7.88	.....	2.06	0	10	14	2	15	sw.	J. O. Yingling.
Danville	Yell	327	9	....	....	....	....	....	....	....	9.19	+5.38	3.15	0	9	10	0	21	e.	C. P. Evans.
Dardanelle	Yell	330	39	61.4	− 1.6	98	1	27	31	40	7.33	+4.70	2.70	0	7	17	0	14	n.	J. D. Riley.
Dodd City	Marion	1175	42	54.4	− 5.6	94	1	18	31	38	5.31	+2.23	0.80	0.5	9	8	10	13	nw.	Neal Dodd.
Dumas	Desha	162	19	62.3	− 2.9	98	4	32	20	34	9.17	+5.89	1.67	0	18	6	12	13	n.	Ben Johnson.
Dutton	Madison	1590	22	52.6	− 5.5	87	4	13	31	42	10.18	+7.18	3.66	0	11	10	9	12	s.	J. M. Ricketts.
El Dorado	Union	270	24	64.0	− 0.8	92	4	32	30†	36	8.68	+5.85	2.10	0	12	6	11	14	sw.	J. J. Babb.
England	Lonoke	229	18	60.4	− 2.8	95	4	28	31	37	8.79	+5.91	1.90	0	13	13	4	14	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	25	54.2	− 6.1	85	3†	18	31	38	6.82	+3.79	1.57	T.	11	8	12	11	n.	Geo. W. Nichoalds.
Evening Shade	Sharp	340	3	54.6	.....	93	4	24	29	37	11.50	.....	2.80	0.1	12	6	11	14	nw.	B. F. Graddy.
Fayetteville	Washington	1451	37	53.8	− 7.1	86	4	19	31	34	5.32	+2.13	1.60	0	6	16	4	11	nw.	University of Arkansas
Fort Smith	Sebastian	457	44	57.8	− 5.0	91	3	27	31	31	5.42	+2.59	2.29	T.	9	11	5	15	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	1	....	....	....	....	....	....	....	9.77	....	4.12	0	13	11	7	13	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	....	....	....	....	....	....	....	4.19	+1.82	1.54	0	10	.....	.....	.....	s.	T. J. Logan.
Georgetown	White	200	13	....	....	....	....	....	....	....	5.95	+1.82	1.20	0	11	11	3	17	n.	W. R. Owens.
Gilbert	Searcy	675	2	....	....	....	....	....	....	....	11.08	.....	2.83	T.	13	13	3	15	.....	Ben F. Battenfield.
Grady	Lincoln	172	1	....	....	....	....	....	....	....	6.75	.....	1.30	0	8	9	1	21	.....	O. C. Des Jardin.
Grannis	Polk	900	7	57.8	.....	90	4	22	31	55	9.11	.....	2.43	0	9	12	9	10	w.	W. E. Mc Vay.
Gravette	Benton	1250	28	53.0	− 7.0	85	3	20	31	46	5.47	+2.43	1.77	T.	12	13	4	14	sw.	A. F. Stevens.
Harrison	Boone	1052	24	52.0	.....	89	3	17	30	42	7.82	+5.13	2.94	T.	8	13	2	16	.....	G. L. Wright.
Heber Springs	Cleburne	485	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Claude Jones.
Helena	Phillips	193	53	61.4	− 1.1	98	4	31	20†	42	7.72	+5.16	1.44	0	12	11	3	17	n.	James A. Burnett.
Higden	Cleburne	445	7	....	....	....	....	....	....	....	10.75	.....	2.52	T.	10	15	3	13	sw.	J. A. Ingram.
Hope	Hempstead	377	54	61.9	− 3.7	92	3	28	31	33	4.99	+1.64	1.63	T.	10	10	5	16	sw.	N. P. O' Neal.
Hot Springs	Garland	600	34	60.5	− 3.4	92	4	28	31	30	6.52	+3.41	1.90	0	11	13	3	15	.....	P. P. Patraw.
Huttig	Union	175	18	61.6[b]	− 3.8	90[a]	8	33[b]	30	36[b]	9.25	+6.20	3.00	9	6	5[b]	5[b]	13[b]	n.	J. L. Collett.
Jonesboro	Craighead	345	30	57.4	− 5.1	91	4	28	30	34	9.14	+5.81	2.47	0.2	14	17	4	10	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	31	61.6	− 2.6	94	2	31	20	40	3.77	+0.72	1.27	0	4	15	5	11	sw.	J. A. Lowderback.
Little Rock	Pulaski	357	46	59.3	− 4.3	91	4	29	31	31	5.73	+3.18	1.50	T.	14	10	6	15	n.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	26	57.0	− 4.8	89	4	23	31	40	7.41	+3.73	2.06	0	8	13	3	15	ne.	H. N. Lenhardt.
Mc Gehee	Desha	148	1	....	....	....	....	....	....	....	8.48	.....	1.77	0	13	12	9	10	.....	P. T. Simons.
Magnolia	Columbia	315	6	63.8	.....	92	3†	31	31	48	4.67	....	1.45	0	7	8	7	16	se.	State Agri. School.
Malvern	Hot Springs	277	38	61.1	− 1.7	94	4	27	31	37	6.66	+3.95	1.40	0	13	14	3	14	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	512	20	51.8	− 6.6	87	3	22	30	34	10.10	+7.25	2.80	1.5	5	10	9	12	n.	F. M. Daniel.
Marianna	Lee	235	13	59.2	− 4.4	93	4	31	20	37	6.77	+3.08	1.29	0	13	0	30	11	s.	C. N. Houck.
Marked Tree	Poinsett	229	20	55.2	.....	92	3	28	28†	34	8.30	+4.04	2.15	0	11	10	6	15	sw.	Charles Walton.
Marshall	Searcy	1070	11	58.8[b]	− 2.7	89[b]	4	20[b]	31	37[b]	11.43	+8.70	3.04	0	9	12[b]	0[b]	16[b]	sw.	A. J. Park.
Mena	Polk	1185	38	58.7	− 4.1	91	4	27	31	38	8.36	+4.99	3.59	0	15	10	7	14	w.	E. W. St. John.
Mountain Home	Baxter	800	11	54.0	− 5.3	90	3†	20	31	41	13.41	+9.96	2.90	0.2	11	9	2	20	n.	B. S. Halbert.
Mount Ida	Montgomery	650	26	....	....	92[1]	4	22	31	33[1]	5.99	+2.34	2.00	0	7	15	3	13	ne.	G. A. Whittington.
Murfreesboro	Pike	367	10	....	....	....	....	....	....	....	8.96	+5.45	2.40	0	12	7	9	15	....	Henry A. Davis.
Newport	Jackson	231	41	59.0	− 2.4	94	4	26	31	33	6.68	+4.01	1.65	0.5	10	11	6	14	s.	A. C. Wilkerson.
Osceola	Mississippi	240	27	58.0	− 3.6	90	1†	27	30	33	8.31	+6.06	1.95	0	11	8	8	15	s.	June Thomason.
Ozark	Franklin	450	30	58.8[a]	− 4.8	93[a]	4	24[a]	31	39[a]	7.45	+4.60	1.56	0	7	13	4	14	nw.	Isham Burrow.
Patterson	Woodruff	196	9	....	....	....	....	....	....	....	6.79	+2.60	1.24	0	11	13	0	18	n	W. E. Baker.
Piggott	Clay	397	1	....	....	....	....	....	....	....	10.44	.....	3.04	2.0	9	14	4	13	ne.	H. H. Harlan.
Pindall	Searcy	1500	3	....	....	....	....	....	....	....	10.72	.....	3.02	T.	11	12	2	17	se.	W. W. Wood.
Pine Bluff	Jefferson	215	38	62.6	0.0	96	4	30	31	35	6.99	+4.38	1.15	0	10	11	6	14	n.	Miss Theresa Scherr.
Pocahontas	Randolph	300	32	56.6	− 6.3	90	4	25	31	36	11.76	+8.94	2.45	0.5	11	10	7	14	n	Benedicitine Sisters.
Portland	Ashley	122	19	65.4	+ 0.6	96	4†	33	20	40	9.00	+6.26	2.00	0	10	10	7	14	n.	W. E. Edmiston.
Prescott	Nevada	329	37	62.8	− 1.6	94	4	28	31	43	3.57	+1.08	0.75	0	12	11	4	16	n.	C. D. Calhoun.
Princeton	Dallas	287	19	....	....	....	....	....	....	....	5.68	+2.90	1.49	0	9	12	0	19	.....	Foote Coleman.
Rison	Cleveland	243	24	62.6	− 1.0	93	3†	28	31	35	5.39	+2.51	1.20	T.	10	13	3	15	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	54.2	− 5.4	85	3†	19	31	41	5.11	+2.30	1.65	T.	8	11	4	16	n.	Carl A. Starck.
Searcy	White	236	13	59.9	− 1.4	94	4	30	31	33	8.06	+4.87	1.58	0	10	17	4	10	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	....	....	....	....	....	....	....	5.93	+2.87	2.00	0	8	12	1	18	.....	Miss Grace Field.
Story	Montgomery	700	1	....	....	....	....	....	....	....	5.27	.....	1.98	0	7	16	3	12	n.	S. C. Story.
Stuttgart	Arkansas	228	38	60.4	− 2.4	93	4	29	30	35	7.35	+4.42	1.21	0	12	9	9	13	n.	Adam F. Buerkle.
Subiaco	Logan	1050	27	60.0	− 3.4	95	4	24	31	35	7.21	+4.13	2.04	0	7	12	4	15	n	New Subiaco Abbey.
Texarkana	Miller	332	39	63.3	− 1.3	93	3	29	31	37	7.47	+4.76	1.40	0	10	14	2	15	n.	H. S. Brashear.
Thornburg	Perry	350	1	56.7[c]	.....	93[c]	4	24[c]	31	37[c]	8.70	.....	3.60	0.4	10	18	9	4	w.	T. Y. Powell.
Waldron	Scott	675	6	....	....	....	....	....	....	....	6.32	.....	2.26	0	8	9	5	17	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	29	63.0	− 0.8	92	3	32	31	33	9.33	+5.84	2.90	0	8	10	7	14	s.	W. L. Shide.
Waters	Montgomery	800	1	.....	...	.....	.....	.....	.....	.....	6.61	.....	3.25	0	4	11	4	16	w.	J. R. Huddleston.
Whitecliffs	Little River	290	21	....	....	....	....	....	....	....	4.72	+1.74	1.80	0	5	9	2	20	ne.	Nannie O. Schirmer.
Wynne	Cross	250	17	58.6	− 4.4	92	4	27	31	35	7.70	+3.81	1.98	0	12	12	6	13	n.	E. O. Allen.
Yancopin	Desha	167	1	....	....	....	....	....	....	....	8.94	.....	1.54	0	13	5	4	22	.....	W. E. Barton.
State Means and Extremes				58.7	− 3.6	98	1†	13	31	55	7.73	+4.73	4.12	0.7	10	12	5	14	n.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.0 inch rain or melted snow. ‡‡Received too late to be included in means and smmaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for October, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.7	7.8	8.0	7.4	7.0	8.0	7.6	7.9	11.2	11.6	11.2	9.8	8.9	8.5	8.5	8.2	9.3	10.4	9.5	9.0	7.8	6.8	6.4	6.1	5.8	5.5	5.4	5.4	5.3	5.2	4.9
Dardanelle	do	20	6.2	6.2	5.4	5.0	5.0	4.9	4.9	8.0	11.5	9.8	9.4	8.9	9.5	8.1	8.6	9.0	12.1	11.0	8.9	8.0	7.2	5.9	5.1	4.7	4.2	3.8	3.4	3.1	3.0	2.7	2.3
Little Rock	do	23	6.1	5.2	4.8	4.2	3.5	3.0	2.8	2.4	3.8	9.2	9.1	8.6	7.9	8.9	8.6	8.5	12.0	13.7	12.6	11.8	11.2	10.0	8.0	6.4	5.2	4.5	3.3	2.6	2.2	2.0	1.9
Pine Bluff	do	25	10.9	10.2	9.4	9.1	8.5	7.5	7.1	6.9	6.7	9.5	13.0	12.7	12.5	12.4	12.9	12.9	13.3	16.1	16.6	15.6	13.9	14.4	13.4	12.0	10.6	9.5	8.6	7.7	7.1	6.6	6.3
Yancopin	do	28	15.3	15.2	14.4	13.7	13.2	12.8	12.0	11.2	11.0	10.6	13.1	16.7	17.3	17.3	17.3	17.6	17.5	18.7	21.0	21.3	20.7	20.1	19.5	18.5	17.5	16.5	15.6	15.1	14.9	14.8	14.6
Danville	Petit Jean	20	4.2	10.1	8.9	6.5	5.2	4.8	2.4	2.4	3.2	3.0	2.8	2.8	14.2	16.1	18.0	21.0	23.0	23.4	22.4	20.6	17.2	12.1	10.1	8.4	5.2	3.7	3.7	3.7	3.5	3.7	3.8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	4.9	6.9	6.4	5.3	4.8	5.1	4.9	8.9	16.6	11.5	7.2	6.9	10.0	7.9	9.6	11.6	16.5	14.3	11.0	9.9	8.4	6.7	5.8	9.1	8.4	7.3	6.1	5.4	4.9	4.5	4.3
Batesville	do	23	10.6	12.3	12.0	11.6	11.6	11.5	10.7	13.9	21.4	22.7	15.6	12.9	16.9	16.2	15.3	18.8	25.5	24.2	20.5	17.5	16.2	14.1	12.6	12.9	15.1	14.3	12.9	11.7	11.0	10.6	10.2
Newport	do	26	9.1	9.1	9.5	10.0	9.3	9.7	9.4	9.8	15.0	19.7	20.9	18.7	17.4	18.6	18.9	19.7	23.0	25.1	26.1	26.0	25.3	24.5	23.2	21.9	21.7	21.5	20.9	20.0	19.0	18.1	17.2
Dam No. 1	Little Red		7.0	6.0	5.0	4.5	5.0	5.0	5.0	10.0	23.5	27.0	19.0	10.0	15.0	19.5	12.0	21 0	30.5	36.0	25.5	12.0	10.0	8.0	7.0	6.5	6.0	6.0	6.0	6.0	5.6	5.2	4.8
Georgetown	White	22	16.8	15.6	14.6	13.8	13.8	13.4	13.4	13.4	15.0	18.0	19.2	19.4	19.4	19.8	20.4	20.6	21.2	22.0	22.6	23.2	23.2	23.2	23.3	23.3	23.0	22.8	22.5	22.2	22.0	21.8	21.4
Clarendon	do	30	18.1	19.0	19.5	19.7	19 8	19.9	19.8	19.7	19.8	19.9	20.2	20.7	21.3	21.9	22.3	22.7	23.2	23.7	24 2	24.7	25.5	26.4	27.0	27.5	27.9	28.1	28.3	28.3	28.3	28.3	28.2
Gilbert	Buffalo	30	5.7	6.0	5.4	5.0	6.1	5.4	5.0	6.5	15.0	8.6	7.2	7.0	7.9	7.6	10.1	9.6	10.0	8.9	7.5	6.6	6 4	6.0	5.7	6.6	6.0	5.6	5.3	5.2	5.0	4.9	4.9
Corning	Black	15	9.7	9.4	9.8	10.2	10.4	10.1	9.5	9.0	8.8	8.5	8.2	8.0	8.4	10.2	11.5	11.8	12.2	12.6	13.1	13.2	13.0	12.9	12.7	12.6	12.5	12.5	12.7	12.6	12.4	12.2	12.0
Black Rock	do	14	4.8	5.6	5.0	5.0	6.0	5.0	5.0	8.5	8.5	7.0	6.0	5.0	11.4	11.7	12.8	14.5	20.0	20.7	19.0	17.7	16.9	16.0	15.5	18.1	19.0	18.0	17.3	16.5	15.8	14.8	13.6
Patterson	Cache	9	5.3	5.5	5.7	5.9	6.1	6.5	7.0	7.4	7.7	7.9	8.1	8.3	8.5	8.7	9.0	9.3	9.6	9.9	10.1	10.3	10.4	10.5	10.4	10.4	10.4	10.3	10.3	10.4	10.4	10.4	10.4
Arkadelphia	Ouachita	18	2.8	1.9	1.0	0.0	0.1	1.0	0.9	0.2	1.6	2.6	1.9	1.0	1.5	7.0	4.9	4.7	13.0	14.0	10.9	4.9	4.0	3.5	3 4	3.2	3.2	1.8	2.3	2.2	2.0	1.8	1.6
Camden	do	30	7.5	8.4	8.6	6.4	6.2	6.0	4.7	4.1	4.1	4.0	4.0	3.9	4.8	8.0	8.7	14.8	15.7	17.1	21.5	24.4	24.9	21.1	18.6	13.8	10.3	9.1	8.7	7.7	7.6	7.4	6.3
Fulton	Red	28	13.4	12.8	11.9	11.4	11.0	10.6	10.3	10.2	10.0	10.0	10.0	10.6	11.0	10.9	11.0	11.4	11.7	15.5	17.4	17.8	17.9	17.1	15.9	14.4	12.9	11.8	11.1	10.5	10.2	10.0	9.7
Springbank	do	37	13.6	15.8	15.5	15.0	14.5	13.5	11.0	10.0	9.5	9.2	9.0	8.9	8.8	9.2	9.2	9.7	10.0	12.0	14.2	16.7	18.7	18.8	18.5	16.5	15.3	14.2	13.2	11.4	10.8	10.4	10.2
Whitecliffs	Little	28	3.2	3.0	1.9	1.4	0.9	0.6	0.5	0.5	0.7	2.4	2.0	2.0	1 1	4.5	6.0	8 1	12.0	19.4	22.2	22.5	20.0	15.6	12.0	8.6	6.2	4.6	2.9	2.2	2.0	2.0	1.9
Marked Tree	St. Francis	17	3.8	4.0	4.2	4.4	4.6	4.7	5.0	5.6	6.3	6.9	7.5	7.9	8.4	8.7	9.0	9 2	9.7	10.0	10.2	10.5	10.8	11.0	11.4	11.9	12.4	12.9	13.4	13.8	14.2	14.6	14.9
Helena	Mississippi	44	3.0	3.8	4.8	5.4	5.7	5.6	5.3	5.4	6.2	7.8	9.3	9.8	9.6	9 3	8.9	8.9	9.1	9.2	8.9	9.0	9.7	10.5	11.3	12.6	14.0	15.2	15.9	16.4	16.3	16.2	16.0
Arkansas City	do	48																															

Daily Precipitation for October, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	.05						.22	.78				.75	.27		.09	.75							.80									3.71
Arkadelphia	Ouachita		.20						.20	.95	.10			1.42	.40	.22	.20	.95							.18	.22				.24			5.28
Arkansas City	Mississippi		1.10			.80			.12	.07				T.	1.40	.14	.85	.55								.50	.10				.70			6.33
Arlberg	White	.10			1.00			1.85	1.40				1.25		1.75		2.80								.15								10.30
Batesville	White	.11				.38		T.	1.56	.44			.18	1.52	.08	.98	1.10	1.68							.92	.96					.32		9.33
Bee Branch	Arkansas	.06			.61			1.05	1.84				1.51	.06	.05	.95	2.30							.30	.03				T.				8.76
Bentonville ***	Arkansas	2.15			T.		T.	.51	.36				.22		.67		1.25		.05					.59	.02				.03				5.85
Black Rock	White	.47	.26			.84		T.	2.75	.52			.30	1.38	.15	1.26	.86	1.35							1.19	.08					.15		11.56
Booneville	Arkansas	.65						.12	.90	.04			.92	.55	.30	.59	1.65								T.					.01			5.73
Brinkley	White		.26			.72			.18	.83				1.96	.56	1.22	T.	.64							.41						.71		7.49
Calico Rock	White	.98	.11			1.10		T.	2.52	.58				1.03	.06	.83	.59	1.03							.50	T.					.10		9.43
Camden	Ouachita		.40							.03				.04	.92		.19	1.88								.21	.58				1.70		5.95
Center Point	Red	.08	.09					1.53	2.43	.15			1.01	.13	.44	1.30	1.10														.18		8.44
Clarendon	White	.01	1.98			.48			.04	1.08				.95	.64	.08	.01	.55							.70	.01					.68		7.21
Clinton	White	.05			.68			3.85	1.71				2.30		.20	1.80	2.91							.24	.15				T.				13.89
Conway	Arkansas				1.11			.21	.56				1.51	.58	.13	.64	3.09							.07	.04					.39		8.33
Corning	White	1.80			.15			1.15	.25				1.75		.10	.65	2.75														.21		8.81
Dam No. 1	White	.08			1.36				.45				T.	2.06	.06	1.48	.70	1.19						.27						.23			7.88
Danville	Arkansas		.60			T			1.12	.48			.53	1.93	.08	1.12	3.15	.18													T.		9.19
Dardanelle	Arkansas		.75						.60	.45			.34	1.60		.90	2.70																7.54
Dodd City	White				.38				.80				.80		.80	.68	.80							.60	.40				.05				5.31
Dumas	Mississippi	.30	.08			.40		.10	1.30	.10			.06	.08	1.67	.78	1.40	.25						.40	.60	.34	.05			.04	1.22		9.17
Dutton	White	.69			T.			3.06	2.21	.04			1.32		.72	.80	1.24		.03					.04		.03							10.18
El Dorado	Ouachita	.12	.60				T.			.06	.01			.25	1.60	.02	1.00	1.68						T.		.72	.52			2.10			8.68
England	Arkansas	1.40				1.10		.86	1.17	.01			1.40	.66	.46	.02	.76							.37	.04					.54			8.79
Eureka Springs	White	1.57			.03			1.40	1.06				.47		.10	.70	.67		.12						.65				.05				6.82
Evening Shade	White	1.00			1.20	.20		1.00	1.50				2.00		.50	.50	2.80						.50		.10					.20		11.50
Fayetteville	White	.80						1.50	1 80				.30	T.			.80								.12								5.32
Fort Smith	Arkansas	.84					.01	1.46	1.01				.33		.82	.01	.93								.01			T.	T.				5.42
Freeman Springs	Arkansas		.44			.28		.11	4.12	.18			.92	.56	.21	.90	1.61	.12						.25	.07					T			9.77
Fulton	Red		.35						.11	T.	T.		.08	.44	.47	T.	1.54	.40							.17	.13					.50		4.19
Georgetown	White					1.10		.05	.30	.55				1.20	.15	.40	.65	.95							.15						.45		5.95
Gilbert	White	.40				1.36		.36	2.83	1.63			.42	.86	.32	1.28	1.04	.18							.33	T.					.07		11.08
Grady	Arkansas	.45			1.10				1.25					1.30			1.30							.20	.35					.80			6.75
Grannis	Red	1.23						.06	1.62	.20			1.53	.71	.51	.82	2.43													T.				9.11
Gravette	Arkansas	1.77						.44	.60				.15	.01	.24	.61	1 48	.03	.08					.05	.08					T.			5.47
Harrison	White	.97			.48			2.94	.05				.55		1.43	1.05									.35					T.			7.82
Helena	Mississippi		.62			.76			.10	1.30				.30	.80	.86	.04	1.44							.42	.52					.56		7.72
Higden	White				.02			2.52	1.65			2.25			.25	1.07	2.40							.35	.02				.20				10.75
Hope	Red	.83			.07				.13				.41	.55	.09	.05	1.63								T.	.11				1.12	T.		4.99
Hot Springs	Ouachita	T.				.09		.31	1.10	.02			1.90	.11	.60	.03	1.75							.30	T.					T.	.31		6.52
Jonesboro	White	.91			.08	.04		1.17	1.21				.66	.03	.23	.50	2.47							.17	1.61					.02	.04		9.14
Junction	Ouachita										T.			.87		1.03	.60								T.						1.27		3.77
Little Rock ***	Arkansas	.02			.77			.02	1.21				1.17	.15	.09	.04	1.49							.30	.04		.01		T.	.35	.07		5.73
Lutherville	Arkansas	.26			T.			1.00	1.42				1.28	.05	.58	.76	2.06								T.					T.	T		7.41
McGehee	Mississippi		.13		.35			1.77	.05				T.	.50	1.22	.38	.74							.98	.81		.25		.45	.85			8.48
Magnolia	Red		1 45						.25					1.20		.07	1.00								.03	.67							4.67
Malvern	Ouachita		.15			.15			.15	1.40			.04	1.40	.45	.43	.25	1.10							.49	.30					.35		6.66
Mammoth Spg	White	.05			.26		.49	1.24	.20			1.20	1.12	.06	.56	1.20	.67							2.80	.03				.22				10.10
Marianna	Mississippi	.22	.05			.58		.18	1.09	.02			.44	1.15	.65	1.29								.30	.09					.71			6.77
Marked Tree	Mississippi		.39			.55			2.15				T.	1.12	.22	.58	.25	1.11							1.31	.01					.61			8 30
Marshall	White	.48			3.04			1.23	1.64				1.06	T.	.65	.80	1.39								1.12						T.		11.41
Mena	Ouachita	.30	.07	.50					1.15	.42	.03		.40	1.03	.35	.21	3.59	.03								.01	.03				.24			8.36
Mountain Home	White	2.90			1.15			2.20	1.20				2.40		.45	1.38	1.21							.42	.07					.03			13.41
Mount Ida	Ouachita							.32	1.36				2.00	.12	.10	.09	2.00																5.99
Murfreesboro	Ouachita		.26	.10					1.08	2.40	.11	.13		1.23	.64	.98	.63	1.17									.23						8.96
Newport	White					.84			1.31	.51				.51	.08	.79	.45	1.65							.28						.26		6.68
Oseeola	Mississippi		.65			.22			1.95	.55			T.	.51	.62	1.90	.50	.49							1.20						.62		8.31
Ozark	Arkansas	1.56						1.37	1.17				.81		.19	1.25	1.10								T.								7.45
Patterson	White		.38			1.00			.44	.83				1.24	.21	.38	.05	.74							.08						.44			6.79
Piggott	Mississippi	1.86			T.			1.10	.24				1.62		.54		3.04							1.68	.05					.31			10.44
Pindall	White	1.21			.67			1.75	3.02				1.04		1.37	.42	1.04							.05	.11						.04		10.72
Pine Bluff	Arkansas					.70			T.	.95	.05			.22	1.15	T.	.53	.78							.85	.80					.96	T.		6.99
Pocahontas	White	1.15			.73			1.39	.70				1.75		.35	.97	2.45							1.87	..	.05					.35		11.76
Portland	Ouachita		1.04			.05				.04					3.65		1.25	.14						.03	.23		.57				2.00		9.00
Prescott	Ouachita	.06	.04		T.			.03	.32				.26	.56	.08	.66	.63								.15					.75	.08		3.57
Princeton	Ouachita		1.49						.32	.56				.15	1.02	.41								.38	.82						.53		5.68
Rison	Ouachita		.21			.75				.45				.30	1.20	T.	1.16			.05						.15	.10				1.02			5.39
Rogers	Arkansas	1.35					T.	.62	1.03				.37		.07	.73	.76		T.					T.	.18					T.			5.11
Searcy	White	.01			1.23				1.58				1.10	.94	27	.62	1.58							.43	T.						.30		8.06
Springbank	Red		.16						T.		T.		T.	.05	1.22		1.09	.50							T.	.50	.30				2.20		5 93
Story	Ouachita							.12	.98				1.52	.24	.22	1.98														.21			5.27
Stuttgart	Arkansas	.25			1.07			.17	1.21				1.05	1.14	.07	.05	.59							.88	.14					.73			7.35
Subiaco	Arkansas	.32						.56	.63				1.34		2.04	.54	1.78																7.21
Texarkana	Red		1.12							.10				.60	1.30		1.40	.43						.05	.25	.52				1.70			7.47
Thornburg	Arkansas					1.40			.10	.90	.10		1.40	.10	.10	.60	3.60														.40			8.70
Waldron	Arkansas	.08						T.	.76				1.83	.61	T	.65	2.26	.08						T.	T.					.05				6.32
Warren	Ouachita		.98		.55					T					2.90		.20	2.30							T.	.25	.60				1.55			9.33
Waters	Ouachita								1.38				1.68		.30		3.25																	6.61
Whitecliffs	Red									.30				1.24	.68		1.80														.70			4.72
Wynne	Mississippi		.32			1.98			1.16	.62				1.14	.31	.73	.13	.60							.10	.01					.60			7.70
Yancopin	Arkansas		.96			.71				1.50	.26			.06	1.54	.75	.11	.66							.44	.95	.05				.95			8.94

Precipitation is for 24 hours ending near sunset unless otherwise indicated *** For 24 hours ending midnight. †† For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily Temperatures for October, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	83	84	86	88	81	90	83	79	70	68	66	76	71	74	71	71	68	66	63	55	65	70	80	74	61	65	61	58	38	37	50	69.4
	Minimum	69	70	66	67	65	64	61	61	50	32	42	57	65	66	66	65	49	60	40	33	35	42	49	50	40	46	36	37	32	31	28	50.8
Batesville§§	Maximum	82	86	88	90	72	87	60	61	60	58	68	63	65	74	69	73	58	66	53	57	68	66	65	61	58	62	64	43	34	37	58	64.4
	Minimum	66	68	62	64	52	55	59	59	50	34	35	53	56	60	59	59	54	55	35	29	31	34	42	49	46	42	32	33	27	29	25	46.6
Bee Branch	Maximum	87	85	90	91	76	89	86	62	62	60	70	67	67	75	74	73	71	66	63	57	69	71	69	68	59	61	61	59	40	35	50	68.2
	Minimum	67	68	62	67	54	62	57	58	47	33	38	53	59	62	58	60	52	49	35	29	31	44	45	52	36	42	34	31	23	27	25	47.4
Bentonville	Maximum	72	85	86	83	76	84	62	60	51	55	64	68	71	73	58	66	56	50	47	55	71	76	63	58	58	58	62	37	18	36	56	61.6
	Minimum	64	61	67	54	50	59	57	51	34	29	46	56	63	55	54	50	43	34	28	29	34	45	50	52	32	34	32	22	25	24	21	45.4
Booneville	Maximum	80	89	92	96	80	91	83	67	64	58	74	65	71	78	68	77	66	66	60	59	73	77	77	70	65	64	66	58	40	46	55	70.0
	Minimum	68	60	65	64	60	62	64	62	49	34	42	57	62	65	60	63	53	50	36	50	54	45	54	52	34	42	33	33	32	27	23	49.0
Brinkley	Maximum	84	89	91	93	85	90	82	68	63	65	73	68	71	75	75	72	72	69	62	61	70	76	71	74	64	71	68	55	46	36	55	70.8
	Minimum	72	68	65	68	59	59	65	60	55	36	35	54	65	65	59	64	52	52	38	31	35	45	52	64	42	42	36	35	30	30	29	50.1
Calico Rock§§	Maximum	79	88	91	92	75	90	61	62	59	61	69	66	66	72	66	74	56	64	64	61	74	70	61	66	60	61	65	44	37	38	56	65.7
	Minimum	67	67	60	62	50	52	59	56	50	32	33	48	56	62	58	58	52	52	34	30	32	35	41	47	38	37	34	32	25	28	22	45.5
Camden§§	Maximum	91	86	94	93	74	92	93	77	66	64	75	81	79	78	77	74	64	73	59	59	70	83	80	82	63	70	65	57	57	37	41	72.7
	Minimum	68	68	67	67	67	63	63	66	59	36	36	39	57	56	63	66	55	47	46	32	33	56	50	63	43	43	37	37	36	32	29	50.3
Center Point	Maximum	91	90	93	94	83	90	91	70	68	60	70	68	72	78	71	72	67	72	67	57	69	86	81	76	65	69	64	57	39	40	54	71.5
	Minimum	70	67	70	69	65	62	70	65	54	36	43	58	65	66	65	64	52	49	38	36	35	50	61	65	37	46	42	37	33	31	27	52.5
Conway	Maximum	87	91	92	95	77	91	81	65	64	62	71	65	68	78	75	73	71	69	63	61	73	73	69	71	61	68	63	54	43	37	54	69.8
	Minimum	69	71	65	67	60	65	62	61	54	35	38	50	60	65	59	67	54	49	37	29	32	43	50	55	42	44	34	35	32	30	25	49.4
Corning	Maximum	84	86	88	86	66	85	80	60	56	60	67	62	85	83	71	71	70	62	60	60	62	61	61	61	64	61	60	56	50	46	45	66.7
	Minimum	67	67	67	71	50	53	56	56	46	32	38	54	53	59	54	56	52	47	34	30	37	37	46	53	42	40	41	38	36	28	26	47.2
Dardanelle	Maximum	98	95	91	91	80	87	89	86	82	74	71	74	76	74	76	75	85	78	67	62	74	75	68	69	64	67	64	59	54	48	53	74.7
	Minimum	69	67	65	62	59	60	62	60	54	38	43	41	46	49	51	61	56	54	38	32	35	35	52	56	37	43	41	37	33	30	27	48.2
Dodd City	Maximum	94	83	88	86	71	87	78	58	57	57	68	66	69	71	70	68	68	57	51	55	70	68	67	59	56	54	61	54	35	32	49	64.8
	Minimum	60	63	63	64	47	57	54	55	41	29	40	53	61	61	54	58	47	48	30	26	32	39	47	49	32	39	29	19	26	24	18	44.0
Dumas	Maximum	86	85	93	95	82	92	88	72	68	60	70	76	78	79	78	73	71	69	62	62	70	80	77	81	71	69	66	52	40	37	41	71.8
	Minimum	73	71	65	70	62	64	70	64	53	37	37	53	66	67	63	65	54	47	42	32	36	50	54	69	46	49	39	39	34	33	34	52.8
Dutton	Maximum	76	83	85	87	72	81	75	64	57	53	64	63	67	73	66	67	63	58	58	51	53	67	70	64	67	55	57	58	51	33	38	63.5
	Minimum	64	56	57	63	45	58	59	54	40	26	35	49	58	61	50	55	45	45	28	21	25	35	43	52	27	35	25	22	22	24	13	41.7
El Dorado	Maximum	86	86	91	92	85	91	91	84	74	63	77	81	74	78	77	74	73	71	64	54	70	83	80	80	67	70	67	56	44	37	41	73.3
	Minimum	71	70	69	71	66	66	73	69	58	37	41	58	69	66	67	65	56	57	46	34	38	52	58	65	43	51	40	42	35	32	32	54.7
England	Maximum	85	88	93	95	86	91	82	68	64	62	73	67	71	74	72	72	70	69	59	62	72	77	70	75	64	68	66	54	38	36	42	69.8
	Minimum	68	69	67	68	60	60	63	60	55	35	38	54	62	64	60	64	54	46	47	31	35	46	54	64	41	45	37	38	34	31	28	50.9
Eureka Springs	Maximum	78	84	85	85	77	83	79	60	55	59	68	69	69	75	65	68	61	52	50	57	71	79	66	59	62	63	66	54	31	40	56	65.4
	Minimum	62	59	64	55	47	56	54	53	38	29	43	53	60	61	51	58	43	44	27	25	35	43	52	40	31	40	31	21	23	23	18	45.0
Fayetteville	Maximum	79	85	85	86	75	84	78	63	55	55	66	67	70	65	71	68	59	55	53	52	69	75	69	65	52	56	60	56	31	39	51	64.3
	Minimum	64	61	62	66	49	59	56	52	39	29	43	52	60	52	49	55	43	44	28	27	34	41	44	42	31	43	30	22	25	25	19	43.4
Fort Smith	Maximum	76	88	91	91	73	89	68	66	58	56	73	63	69	76	65	73	57	58	51	56	71	77	71	65	61	60	66	48	37	46	50	66.4
	Minimum	68	66	68	68	59	63	63	57	43	36	47	56	62	61	58	57	50	42	37	34	40	48	58	44	37	44	38	30	33	30	27	49.2
Grannis	Maximum	84	86	86	90	80	88	82	79	67	57	59	68	72	74	69	70	62	60	69	52	87	80	80	74	66	61	54	36	42	42	56	68.8
	Minimum	64	65	63	63	61	58	66	64	46	32	36	48	61	62	58	57	49	46	42	30	32	40	52	49	33	75	31	29	28	27	22	46.7
Gravette	Maximum	77	82	85	83	82	83	78	63	55	55	58	70	71	71	63	53	57	42	42	25	23	26	42	52	40	28	32	28	21	24	22	42.2
	Minimum	63	57	63	61	48	58	56	54	38	26	39	45	61	63	53	57	42	42	25	23	26	42	52	40	28	32	28	21	24	22	20	42.2
Harrison	Maximum	85	89	88	75	87	60	58	55	59	70	71	74	75	65	73	52	57	48	58	70	76	64	51	62	56	65	70	39	31	35	54	63.0
	Minimum	62	59	67	46	46	54	55	40	28	30	50	57	62	54	56	46	47	28	24	30	32	46	49	30	39	28	23	24	24	17	22	41.1
Helena	Maximum	86	91	95	98	83	95	76	70	67	68	77	78	76	76	80	74	65	73	62	66	72	80	74	78	68	75	70	52	39	38	58	72.7
	Minimum	70	70	66	66	62	58	64	64	57	38	37	38	58	66	62	65	57	48	45	31	31	38	47	53	46	45	38	38	32	32	34	50.2
Hope	Maximum	89	86	92	91	78	90	90	74	68	59	70	74	72	76	75	75	69	71	60	55	71	78	84	81	69	69	65	54	40	37	42	71.1
	Minimum	67	66	67	71	66	62	72	66	52	38	41	56	65	69	75	72	72	70	70	68	58	70	77	80	72	62	67	63	57	37	35	52.6
Hot Springs	Maximum	82	85	91	92	86	89	83	66	66	59	70	65	69	75	72	72	70	70	68	58	70	77	80	72	62	67	63	57	37	35	52	69.7
	Minimum	68	70	66	68	62	62	65	62	55	37	40	55	64	66	64	65	54	47	38	32	37	49	55	60	40	45	41	36	33	30	28	54.3
Jonesboro	Maximum	89	84	90	91	70	88	81	61	59	56	69	61	65	74	69	71	70	61	61	57	61	65	70	66	55	63	60	51	35	37	48	65.7
	Minimum	68	69	63	70	53	54	56	58	51	35	36	55	60	64	58	60	55	49	35	44	44	47	46	54	40	43	35	32	38	28	34	50.2
Junction	Maximum	93	94	93	93	91	92	93	91	73	73	77	84	77	78	68	72	73	74	64	65	70	63	65	62	59	63	65	59	45	38	44	72.6
	Minimum	67	67	68	69	64	65	67	68	63	39	37	54	58	54	57	60	62	60	45	31	33	35	40	46	38	41	39	35	37	35	34	50.6
Little Rock	Maximum	80	86	88	91	73	87	78	66	60	58	70	65	69	73	74	72	65	66	72	75	76	77	71	74	61	65	62	51	37	36	51	67.2
	Minimum	72	70	69	69	60	65	62	59	44	38	44	59	63	65	61	65	53	52	40	38	37	48	57	49	43	46	38	35	32	30	29	51.4
Lutherville	Maximum	79	84	86	89	73	87	80	66	62	55	68	65	68	76	70	74	68	62	57	55	68	69	65	66	60	61	60	57	36	36	56	66.5
	Minimum	65	65	65	68	54	63	60	59	47	34	42	53	60	60	57	62	51	54	33	28	28	46	53	51	34	40	34	30	30	27	25	47.6
Magnolia	Maximum	88	87	92	92	84	90	90	81	71	60	76	80	74	79	77	75	67	74	75	68	70	82	80	80	75	69	68	59	42	36	59	74.1
	Minimum	70	68	69	71	67	65	73	69	57	38	41	60	66	66	66	66	60	55	47	44	34	36	50	61	64	41	49	40	40	35	32	31	53.6
Malvern	Maximum	86	88	92	94	87	91	83	68	68	60	72	66	71	77	75	73	71	70	65	59	70	79	80	77	64	70	65	58	39	36	48	71.0
	Minimum	62	59	67	63	61	66	66	62	56	37	39	57	64	66	63	66	54	47	39	32	33	46	51	64	46	45	37	38	34	31	27	51.2
Mammoth Spg. §§	Maximum	74	82	87	84	69	86	58	60	55	65	65	61	65	72	64	68	53	62	48	52	70	61	60	54	55	56	55	39	32	36	49	61.1
	Minimum	66	60	66	50	50	53	53	43	34	37	45	53	58	55	55	50	48	32	20	29	36	43	50	58	39	36	27	25	26	22	20	42.5
Marianna	Maximum	82	84	87	93	73	89	82	68	65	57	73	73	73	74	76	77	63	65	65	58	63	65	71	77	65	66	60	53	37	38	52	69.6
	Minimum	72	70	65	59	59	59	63	62	54	37	37	36	64	65	58	58	53	42	40	34	37	46	51	65	45	44	39	35	37	50	40	63.3
Marked Tree §§	Maximum	87	90	92	74	86	63	65	60	70	60	63	69	79	67	72	62	67	59	57	64	62	71	66	70	61	59	41	35	37	50	29	66.2
	Minimum	68	62	62	54	52	60	59	56	36	38	45	45	62	59	60	55	48	38	29	32	45	45	49	42	33	36	37	28	30	25	29	46.2
Marshall	Maximum	81	86	82	89	84	85	81	76	64	59	67	67	71	74	69	72	71	58	58	57	67	71	71	76	59	58	57	....	...	...	57	67.9
	Minimum	62	67	66	65	50	50	56	59	48	30	40	56	61	63	65	60	50	51	32	26	32	40	50	50	33	45	30	...	...	...	27	47.7
Mena	Maximum	79	87	89	91	80	87	78	70	65	57	70	64	74	73	68	74	59	60	51	46	56	30	56	48	58	48	55	42	35	31	57	63.8
	Minimum	68	66	66	69	62	65	72	62	48	35	41	55	64	64	64	59	60	51	46	30	56	48	58	48	55	42	35	31	57	28	27	49.8
Mt. Home	Maximum	77	84	90	90	73	87	69	60	58	59	71	67	65	73	67	68	62	61	55	58	73	69	65	55	58	60	65	53	33	35	53	65.2
	Minimum	64	61	58	60	46	55	52	53	40	28	36	51	58	59	52	57	47	47	28	25	32	50	44	45	32	38	28	25	25	23	20	42.9
Mt. Ida	Maximum	87	89	91	92	83	84	78	68	67	65	70	74	75	76	72	68	76	70	...	...	...	...	...	...	...	...	...	...	53	...	...	70.2
	Minimum	65	65	63	64	63	61	66	64	53	32	37	54	62	65	57	61	54	50	34	26	30	42	48	57	35	35	30	30	30	28	22	47.9
Newport	Maximum	82	88	92	94	73	88	80	63	63	58	71	67	66	76	73	74	72	69	64	60	65	66	68	59	56	65	64	59	38	47	52	68.5
	Minimum	69	69	68	69	54	57	58	58	53	35	38	55	60	64	60	55	51	48	32	32	58	46	60	55	41	41	36	34	30	29	26	49.4
Osceola	Maximum	96	87	88	90	75	89	87	63	63	60	70	65	67	77	76	71	71	65	62	59	67	65	70	69	58	67	63	52	38	38	53	68.2
	Minimum	70	61	56	64	55	56	61	61	54	36	40	47	54	57	60	61	55	48	48	30	38	46	48	57	43	44	38	38	28	27	28	48.7
Ozark	Maximum	78	82	91	93	78	90	86	67	63	58	71	66	70	80	73	75	....	....	65	63	58	72	74	69	69	59	64	64	62	40	46	69.2
	Minimum	67	65	65	68	55	64	63	61	44	33	44	54	61	65	57	58	....	....	51	35	31	35	45	57	53	33	40	35	31	37	28	48.4
Pine Bluff	Maximum	82	90	95	96	86	93	82	71	67	65	75	68	72	74	76	72	72	74	62	64	70	85	80	82	67	70	70	53	39	37	42	72.0
	Minimum	71	71	67	72	63	64	74	62	57	39	40	57	64	66	65	66	56	56	42	41	55	38	48	59	65	46	49	41	58	34	32	55.3
Pocahontas	Maximum	81	86	88	90	74	87	82	60	60	60	66	65	64	72	71	71	70	62	60	56	69	64	66	59	58	61	61	54	40	40	55	66.2
	Minimum	67	69	62	70	50	53	54	56	48	35	57	55	58	62	55	59	52	52	31	28	33	44	45	53	42	45	32	29	26	28	25	46.9
Portland	Maximum	89	86	94	96	85	95	96	93	72	60	77	86	88	81	82	76	74	75	66	64	71	87	84	84	75	71	67	56	46	40	45	76.2
	Minimum	71	71	66	68	69	65	71	67	61	38	37	54	69	68	69	65	57	54	49	53	36	47	56	70	58	50	40	39	36	34	36	54.1
Prescott	Maximum	91	90	93	94	75	92	93	84	69	70	75	73	73	78	73	74	70	75	58	57	70	84	85	81	73	73	65	61	40	40	53	73.4
	Minimum	68	69	67	69	66	69	64	65	55	38	41	57	64	62	65	66	54	56	42	33	36	41	56	73	46	45	38	39	36	31	28	52.5
Rison	Maximum	87	86	93	93	86	92	85	73	69	60	73	70	74	78	79	74	72	71	65	66	71	78	81	81	81	74	74	66	60	45	37	73.5
	Minimum	70	69	66	70	63	67	71	62	54	37	39	66	64	65	64	64	54	46	40	32	35	49	57	74	43	48	38	37	33	30	28	52.6
Rogers	Maximum	78	84	85	85	76	84	76	62	55	57	64	68	70	73	65	68	60	63	51	48	76	71	76	67	60	60	55	63	52	33	37	64.3
	Minimum	64	61	63	64	50	58	52	55	39	30	45	54	62	62	53	56	43	46	29	27	30	41	46	42	32	41	29	22	26	25	19	44.1
Searcy	Maximum	80	88	90	94	73	89	88	65	65	60	69	68	66	73	71	71	67	65	58	68	70	67	71	71	67	65	62	58	48	36	52	68.6
	Minimum	70	60	65	69	62	62	62	50	36	35	40	50	52	60	56	65	65	50	55	32	35	45	55	50	55	52	45	52	35	33	30	51.2
Stuttgart	Maximum	82	86	92	93	85	91	83	73	63	60	73	68	73	74	79	73	74	72	71	67	69	68	63	59	62	76	71	77	72	69	65	73.1
	Minimum	70	64	70	61	59	60	65	56	37	37	53	56	60	63	65	56	45	39	31	37	38	41	66	43	47	37	38	32	32	29	59	49.1
Subiaco	Maximum	80	90	94	95	78	92	82	67	65	58	76	65	72	81	72	78	68	65	60	63	52	50	35	31	38	47	52	54	36	44	56	63.0
	Minimum	67	67	65	69	56	61	62	63	50	34	44	54	60	65	60	63	52	50	35	31	38	47	52	54	36	44	36	34	33	28	24	49.5
Texarkana	Maximum	91	86	93	92	86	91	91	81	74	65	75	75	73	75	75	73	70	73	70	71	72	82	82	80	68	73	68	57	42	35	50	73.8
	Minimum	68	66	65	68	65	63	73	66	60	36	42	60	62	63	65	64	52	42	46	35	35	56	56	70	40	47	38	40	46	32	29	52.8
Warren	Maximum	83	84	92	91	87	91	91	78	70	70	69	77	77	77	77	73	68	72	62	59	68	79	79	77	69	63	63	59	43	38	40	71.8
	Minimum	70	71	68	72	68	65	65	66	57	37	40	58	68	66	68	66	50	44	35	35	52	52	72	46	52	40	40	33	31	32	32	54.2
Wynne	Maximum	83	83	90	92	74	88	77	65	62	57	71	67	68	76	74	71	71	67	60	57	68	69	77	72	59	67	63	53	36	37	52	67.9
	Minimum	70	69	64	70	56	57	62	60	53	32	36	51	63	66	62	63	55	48	38	29	35	43	48	58	44	42	35	35	30	31	27	49.2

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

Vol. XXX Little Rock, Ark., November, 1925 No. 11

GENERAL SUMMARY

Although the monthly mean temperature for November averaged 1.1° below normal, the month was much more favorable for harvesting and other farm work than October. After the first week, showers occurred at less frequent intervals and with dry winds prevailing, much cotton was picked and corn gathered. The rice harvest continued, but the showers interfered more with rice harvesting than with cotton picking. The weather was very favorable for wheat, oats, rye, meadows, pastures, and winter truck, all of which were in good condition at the close of the month.

There were three cold periods during the month, the minima occurring about the 1st, 9th, and 23d. On the latter date freezing temperatures occurred in all sections of the State.

During the 4th and 5th of November, while a moderate barometric depression was moving from Utah and Colorado northeastward to the upper Lakes, unusually heavy rains fell in southern and southeastern Arkansas, six to ten inches being measured at numerous stations. Considerable damage resulted in some localities, but fortunately most crops in the southern counties were already harvested and the loss was correspondingly reduced.

On November 26th at 2:30 p. m. a tornado occurred at Blytheville, Mississippi County. This storm moved from west to east a distance of ten miles over a path 100 feet wide and destroyed buildings, the loss being estimated at $4,000. One person was injured, but none were killed. W. C. H.

TEMPERATURE

The monthly mean temperature for November, as determined from the records of 56 stations, was 50.4° which is 1.1° below normal, seven scattered stations showing positive departures, all others negative. Monthly means ranged from 54.4° at Portland to 43.9° at Mammoth Spring, a difference of 10.5° in temperature between the southeastern and northern portions of the State. The highest trmperature recorded was 89° at Jonesboro on the 12th, the lowest, 15° at Dutton on the 25th and 29th. The highest occurred in most sections about the 12th or 13th and the lowest about the 9th or the 23d. The greatest daily range was 55° at Grannis on the 24th.

PRECIPITATION

The average precipitation for November, as determined from the records of 84 stations, was 5.67 inches which is 2.10 inches above normal, 15 stations showing negative departures. The monthly amounts at all other stations for which averages have been computed were normal or above. Monthly totals ranged from 14.41 inches at Huttig to 1.04 inches at Fayetteville. The heaviest totals were in the southern counties, the lighter in the northwestern. The greatest amount measured in 24 consecutive hours was 6.17 inches at Yancopin on the 5th. Eureka Springs reported 0.2 inch of sleet, Mammoth Spring a trace of snow, and Bentonville 0.3 inch of snow. All other precipitation fell as rain. The average number of rainy days was 8.

Additional reports for November, 1925; Evening Shade, Mean temperature, 48.8°; Index, total precipitation, 4.78 inches; Lambrook, Mean temperature, 49.4°; Ozark, Mean temperature, 47.8°; Total precipitation, 3.78; Thornburg, Mean temperature 50.4°.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 3d, 3; 4th, 12; 5th, 5; 7th, 11; 9th, 1; 14th, 8; 15th, 7; 16th, 1; 18th, 1; 20th, 1; 22d, 1; 25th, 2; 26th, 25; 27th, 1; 28th, 1; 29th, 1.

Sleet:- Eureka Springs, 15th; Rogers, 14th.

Dense Fog:- 1st, 2; 2d, 3; 3d, 4; 4th, 2; 5th, 1; 9th, 2; 11th, 1; 12th, 4; 18th, 1; 19th, 1.

Solar Halos:- 17th, 2; 24th, 2: 29th, 1; 30th, 1.

Lunar Halos:- 24th, 2; 25th, 2; 26th 1; 28th, 1.

Tornado:- Blytheville, 26th.

Light Hail:- Stuttgart, Higden, Hot Springs, 26th.

Heavy Hail:- Bee Branch, 25th.

MISCELLANEOUS DATA

Stations	Pressure (Sea level) Mean	Pressure (Sea level) Highest	Pressure (Sea level) Date	Pressure (Sea level) Lowest	Pressure (Sea level) Date	Wind Total movement miles	Wind Maximum velocity	Wind Direction	Wind Date	Relative humidity 7 a. m.	Relative humidity 7 p. m.	Percentage of sunshine
Bentonville..	30.11	30.49	28	29.63	7	4,223	23	w.	12	.....	.....	74
Fort Smith...	30.12	30.48	17	29.59	14	6,173	39	nw.	7	82	59	63
Little Rock	30.14	30.59	17	29.61	14	5,890	40	s .	7	81	63	
Memphis....	30.16	30.62	17	29.64	15	4, 5	39	sw.	7	84	66	

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COMPARATIVE DATA FOR NOVEMBER

Year.	Temperature Monthly average	Temperature Departure	Temperature Highest	Temperature Lowest	Precipitation Monthly average	Precipitation Departure	Number of days Clear	Partly cloudy	Cloudy	Precip.01 or more
†Means and Extremes	51.5		90	2	3.57		15	6	9	6
1891.....	49.7	−1.8	87	10	5.56	+1.99	13	7	10	8
1892.....	49.9	−1.6	79	20	5.83	+2.26	11	7	12	9
1893.....	49.3	−2.2	84	10	4.21	+0.64	14	8	8	5
1894.....	50.4	−1.1	81	12	1.12	−2.45	19	6	5	2
1895.....	49.9	−1.6	82	16	4.82	+1.25	14	5	11	6
1896.....	52.8	+1.3	88	8	4.34	+0.77	14	7	9	7
1897.....	51.6	+0.1	88	15	2.82	−0.75	16	6	8	6
1898.....	47.5	−4.0	87	9	3.20	−0.37	13	8	9	4
1899.....	54.3	+2.8	87	17	2.61	−0.96	13	8	9	6
1900.....	51.4	−0.1	90	18	4.28	+0.71	15	7	8	6
1901.....	50.5	−1.0	88	15	2.99	−0.58	16	7	7	5
1902.....	56.5	+5.0	90	18	6.66	+3.09	8	9	13	9
1903.....	47.6	−2.9	89	2	0.64	−2.93	13	9	8	3
1904.....	51.4	−0.1	89	17	1.38	−2.19	17	5	8	3
1905.....	53.2	+1.7	88	9	3.28	−0.29	16	5	9	5
1906.....	50.2	−1.3	88	13	5.90	+2.33	14	7	9	6
1907.....	49.0	−2.5	84	10	5.71	+2.14	16	5	9	6
1908.....	53.8	+2.3	88	5	5.40	+1.83	15	6	9	8
1909.....	59.3	+7.8	90	16	3.75	+0.18	13	8	9	7
1910.....	51.5	0.0	85	17	0.47	−3.10	16	9	5	3
1911.....	46.8	−4.7	86	5	3.18	−0.39	14	8	8	7
1912.....	50.5	−1.0	89	13	1.66	−1.91	19	7	4	2
1913.....	57.6	+6.1	85	20	2.47	−1.10	10	9	11	5
1914.....	52.6	+1.1	88	11	2.32	−1.25	15	6	9	4
1915.....	54.8	+3.3	87	17	5.40	+1.83	16	5	9	6
1916.....	52.1	+0.6	87	10	2.95	−0.62	20	4	6	5
1917.....	50.7	−0.8	85	11	1.96	−1.61	17	4	9	4
1918.....	49.7	−1.8	88	18	3.91	+0.34	15	4	11	6
1919.....	51.4	−0.1	86	14	6.27	+2.70	17	3	10	7
1920.....	47.8	−3.7	89	10	1.95	−1.62	15	4	11	5
1921.....	54.9	+3.4	88	17	5.53	+1.96	13	6	11	7
1922.....	52.9	+1.4	88	20	3.89	+0.32	16	6	8	6
1923.....	50.8	−0.7	81	21	3.34	−0.23	15	4	11	6
1924.....	52.4	+0.9	88	15	2.36	−1.21	16	5	9	4
1925.....	50.4	−1.1	89	15	5.67	+2.10	16	4	10	8

† Based on 30 years record.

Climatological Data for November, 1925

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	with precipitation, 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	29	50.2	− 2.4	75	26	26	23	33	3.20	−0.76	0.85	0	6	19	3	8	n.	G. C. Thrash.
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	7.97	+4.42	3.00	0	9	11	2	17	e.	F. J. Carpenter.
Arkansas City	Desha	145	41	.....	.....	.....	.....	.....	.....	.....	7.22	+3.43	4.20	0	11	15	0	15	w.	Geo. E. Payne.
Arlberg	Stone	700	3	.....	.....	.....	.....	.....	.....	.....	4.45	.....	1.50	0	6	17	3	10	ne.	J. D. Reeves.
Batesville	Independence	277	26	46.4	− 2.8	75	12	24	23†	40	4.64	+1.09	1.03	0	10	14	2	14	e.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	33	48.2	− 3.1	71	13	24	23	33	4.77	+1.34	1.35	0	8	17	2	11	s.	J. E. Scanlan.
Bentonville	Benton	1303	20	47.0	+ 0.3	69	4	22	8	36	2.44	−0.55	1.73	0.3	6	19	7	4	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	23	.....	.....	.....	.....	.....	.....	.....	6.34	+2.19	1.80	0	10	16	2	12	.....	Vernon C. Howe.
Booneville	Logan	465	11	51.4	− 2.4	74	12	24	23	41	3.46	−0.56	1.21	0	7	18	4	8	e.	F. H. Randolph.
Brinkley	Monroe	205	38	51.6	− 0.2	77	13	25	23	38	7.24	+3.05	1.82	0	10	19	2	9	s.	H. L. D. Whitson.
Calico Rock	Izard	361	21	47.3	− 1.3	77	13	23	1	44	2.83	−0.26	0.71	0	10	10	11	9	s.	W. J. Copp.
Camden	Ouachita	158	40	50.9	− 1.3	77	14†	24	23†	44	8.29	+4.22	3.45	0	10	15	1	14	ne.	A. B. Quarterman
Center Point	Howard	470	27	53.0	− 1.6	76	25	28	23	31	5.86	+2.48	1.91	0	8	14	5	11	s.	John C. Floyd.
Clarendon	Monroe	200	21	.....	.....	.....	.....	.....	.....	.....	6.42	+2.52	1.53	0	12	10	5	15	n.	J. W. Bishop.
Clinton	Van Buren	516	4	.....	.....	.....	.....	.....	.....	.....	4.06	.....	1.40	0	6	14	8	8	w.	A. L. Stephens.
Conway	Faulkner	309	42	50.2	− 1.6	74	12	25	23	38	4.90	+0.80	1.04	0	10	20	0	10	s.	E. E. Cordrey.
Corning	Clay	293	32	47.2	− 0.8	72	12	26	17	35	8.41	+4.73	2.05	0	7	20	3	7	nw.	Winfred D. Polk.
Dam No. 1‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	4.96	.....	1.74	0	7	18	3	9	nw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.61	−0.92	1.00	0	5	15	0	15	w.	C. P. Evans.
Dardanelle	Yell	330	39	51.0	− 1.4	73	14	28	23†	36	3.28	− 0.22	0.85	0	6	17	0	13	w.	J. D. Riley.
Dodd City††	Marion	1175	42	45.2	− 3.7	71	12	21	22†	39	1.84	−1.33	1.02	0	3	14	11	5	nw	Neal Dodd.
Dumas	Desha	162	19	52.1	− 1.8	77	14	23	29	42	10.58	+6.69	4.48	0	13	11	9	10	s.	Ben Johnson.
Dutton	Madison	1590	22	47.8	+ 0.2	77	10	15	25†	46	2.28	−1.11	0.92	0	6	14	10	6	w.	J. M. Ricketts.
El Dorado	Union	270	24	53.8	− 1.1	77	14	28	23	37	11.97	+8.75	6.00	0	9	13	6	11	ne.	J. J. Babb.
England	Lonoke	229	18	51.4	− 2.3	74	13	25	23	37	6.41	+2.70	2.40	0	12	16	4	10	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	25	49.4	− 2.2	73	13	21	8	35	2.90	−0.05	1.75	0.2	5	16	9	5	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	340	3	48.8	.....	73	13	20	1	56	5.25	.....	0.80	0	8	11	9	10	nw.	B. F. Graddy.
Fayetteville	Washington	1451	37	49.0	− 0.8	71	13	19	22	39	1.04	−2.04	0.72	0	3	24	0	6	sw.	University of Arkansas.
Fort Smith	Sebastian	457	44	50.2	− 0.8	72	12	28	23	35	2.85	−0.43	1.35	0	8	13	8	9	e.	U. S. Weather Bureau.
Freeman Springs	Pope	2240	1	.....	.....	.....	.....	.....	.....	.....	3.23	.....	0.83	0	8	18	3	9	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	5.21	+1.70	1.80	0	7	14	3	13	.....	T. J. Logan.
Georgetown	White	200	13	.....	.....	.....	.....	.....	.....	.....	5.15	+1.56	1.10	0	8	13	2	15	e.	W. R. Owens.
Gilbert	Searcy	675	2	.....	.....	.....	.....	.....	.....	.....	2.57	.....	0.61	0	9	17	7	6	.....	Ben F. Battenfield.
Grady	Lincoln	172	1	.....	.....	.....	.....	.....	.....	.....	8.81	.....	3.55	0	10	18	3	9	.....	O. C. Des Jardin.
Grannis	Polk	900	7	49.6	....	83	21	24	23	55	5.99	.....	1.28	0	9	15	9	6	n.	W. E. Mc Vay.
Gravette	Benton	1250	28	45.8	− 3.6	71	13	17	23	45	2.32	− 0.69	1.64	0	3	17	8	5	sw.	A. F. Stevens.
Harrison	Boone	1952	24	47.0[a]	.....	73	13	21[b]	23	45[b]	2.79	0.00	1.10	0	5	16	10	4	.....	G. L. Wright.
Helena	Phillips	193	53	51.2	− 2.0	80	13	28	23	40	6.54	+2.05	3.22	0	11	14	2	14	nc.	James A. Burnett.
Higden	Cleburne	445	7	.....	.....	.....	.....	.....	.....	.....	4.66	.....	1.33	0	8	15	9	6	n.	J. A. Ingram.
Hope	Hempstead	377	54	52.3	− 2.3	83	8	25	23	50	6.48	+2.01	4.39	0	5	19	3	8	sw.	N. P. O' Neal.
Hot Springs	Garland	600	31	51.1	− 1.7	69	15†	27	23	33	6.11	+1.81	1.51	0	10	16	3	11	.....	P. P. Patraw.
Huttig	Union	175	18	53.3[c]	− 3.9	77[g]	14	25[g]	23	44[d]	14.41	+11.07	5.50	0	9	13[f]	1[f]	10[f]	n.	J. L. Collett.
Jonesboro	Craighead	345	30	49.2	− 2.2	89	12	28	9†	41	4.15	+0.69	1.15	0	11	19	3	8	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	31	50.8[d]	+ 3.1	76[d]	25	23[d]	23	40[d]	10.63	+7 30	4.90	0	6	16[f]	2[d]	8[d]	n.	J. A. Lowderback.
Lambrook	Phillips	155	3	49.4	.....	74	13†	23	23	39	6.30	.....	4.00	0	6	17	1	12	n.	G. A. Newton.
Little Rock	Pulaski	357	46	51.4	− 0.7	74	12	29	23	31	5.23	+0.64	1.80	0	9	14	6	10	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	26	49.2	− 2.0	70	13	28	9	32	4.44	+1.01	1 49	0	6	17	3	10	e.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	9.80	.....	5.24	0	9	18	5	7	.....	P. T. Simons.
Magnolia	Columbia	315	6	53.7	.....	79	15	29	23	38	8.13	.....	2.30	0	9	14	8	8	nc.	State Agri. School.
Malvern	Hot Springs	277	38	51.2	− 1.0	74	13†	24	23	38	6.02	+1.44	1.69	0	9	18	3	9	s	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	512	20	43.9	− 4.7	70	12	21[e]	23	43	5.96	+2.64	1.30	T.	10	15	10	5	n.	F. M. Daniel.
Marianna	Lee	235	13	50.6	− 1.4	73	12†	27	23	35	4.22	+1.22	1.11	0	10	10	8	12	s.	C. N. Houck.
Marked Tree	Poinsett	229	23	47.2	.	73	13	30	8	32	5.37	+0.87	1.17	0	10	17	4	9	nc.	Charles Walton.
Marshall	Searcy	1070	11	50.2	− 1.5	75	13	23	23	39	2.96	−0.93	1.58	0	6	19	1	10	se.	A. J. Park.
Mena	Polk	1185	38	50.8	− 2.3	74	13	26	23	35	3.64	+0.18	1.44	0	8	16	4	10	sw.	E. W. St. John.
Mountain Home	Baxter	800	11	52.4	+ 2.8	74	12	22	23	43	4.16	+0.90	1.03	0	8	19	0	11	sw.	B. S. Halbert
Mount Ida	Montgomery	650	26	50.7	− 0.4	78	13	20	23	46	4.90	+0.86	0.93	0	8	17	3	10	w.	G. A. Whittington.
Murfreesboro	Pike	367	10	.....	.....	.....	.....	.....	.....	.....	6.81	+2.44	1.93	0	10	13	0	17	.....	Henry A. Davis.
Newport	Jackson	231	41	50.2	− 0.8	74	13	28	9	37	4.19	−0.21	2.19	0	5	18	2	10	n.	A. C. Wilkerson.
Osceola	Mississippi	240	27	51.0	− 1.2	76	13	25	23	36	5.67	+0.82	1.50	0	7	5	15	10	s.	June Thomason.
Patterson	Woodruff	196	9	.....	.....	.....	.....	.....	.....	.....	7.32	+2.30	2.30	0	8	16	0	14	n.	W. E. Baker.
Piggott	Clay	397	1	.....	.....	.....	.....	.....	.....	.....	6.25	.....	1.90	0	8	17	3	10	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	3.52	.....	0.80	0	7	14	7	9	sc.	W. W. Wood.
Pine Bluff	Jefferson	215	38	53.0	+ 0.2	78	12	27	23	38	8.26	+4.07	2.45	0	11	16	3	11	n.	Miss Theresa Schev.
Pocahontas	Randolph	300	32	49.0	− 2.2	76	14	25	9†	37	4.70	+1.19	1.38	0	9	12	9	9	s.	Benedicitine Sisters.
Portland	Ashley	122	10	54.4	+ 0.5	81	7	26	23	38	10.16	+6.56	5.00	0	9	15	5	10	n.	W. E. Edmiston.
Prescott	Nevada	329	37	52.2	− 2.0	77	13	25	23†	42	6.37	+2.88	2.18	0	8	18	1	11	n.	C. D. Calhoun.
Princeton	Dallas	287	19	.....	.....	.....	.....	.....	.....	.....	6.35	+2.39	1.54	0	7	14	0	16	.....	Foote Coleman.
Rison	Cleveland	243	24	52.8	− 0.3	75	12†	26	23	36	7.92	+4.54	2.85	0	8	18	4	8	nw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	47.6	− 1.7	71	13	21	23	41	2.61	−0.32	1.92	0	6	14	8	8	s.	Carl A. Starck.
Searcy	White	236	13	53.8	+ 3.1	72	13†	22	23	33	5.16	−0.32	1.66	0	7	17	1	12	s.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	13.09	+9.53	5.00	0	9	16	0	14	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	3 18	.....	1.32	0	5	19	2	9	ne.	S. C. Story.
Stuttgart	Arkansas	228	38	52.0	- 0.2	75	14	26	22	35	9 08	+5.09	2.80	0	9	14	7	9	se.	Adam F. Buerkle.
Subiaco	Logan	1050	27	52.4	− 0.6	77	14	28	9	43	3.49	+0.37	1.05	0	9	17	6	7	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	53.3	- 2.1	80	25	25	23	42	6.22	+3.07	1.74	0	9	18	1	11	n.	H. S. Brashear.
Thornburg	Perry	350	1	50.4	.....	74	13	27	9†	36	4.70	.....	1.50	0	7	21	2	7	s.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	2.49	.....	0.73	0	8	18	3	9	se.	Dr. Cheves Bevill.
Warren	Bradley	206	29	53.8[i]	+ 0.2	78[i]	24	31[i]	9†	44[i]	9.67	+5.70	4.50	0	8	8[i]	4[i]	9[i]	n.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	4.46	.....	1.76	0	5	18	3	9	sw.	J. R. Huddleston.
Whitecliffs	Little River	290	21	.....	.....	.....	.....	.....	.....	.....	4.30	+1.36	1.52	0	6	15	4	11	ne.	Nannie O. Schirmer.
Wynne	Cross	250	17	50.6	− 1.2	71	14	23	23	34	6.55	+2.90	1.37	0	10	16	4	10	n.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	12.04	.....	6.17	0	10	13	3	14	.....	W. E. Barton.
State Means and Extremes				50.4	− 1.1	89	12	15	25†	55	5.67	+2.10	6.17	0.2	8	16	4	10	n.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for November, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.8	4.8	4.8	4.6	4.6	4.6	4.8	5.2	9.1	10.3	12.7	13.2	12.7	10.8	10.0	8.6	7.7	7.2	6.8	6.5	6.2	6.0	5.8	5.7	5.7	5.4	5.3	5.1	5.1	5.0	....
Dardanelle	do	20	2.3	2.2	2.2	2.2	2.6	3.0	3.5	5.8	5.8	5.3	6.9	9.8	10.5	10.0	8.5	6.9	6.0	5.5	5.2	5.1	4.8	4.0	3.7	3.4	3.3	3.3	3.5	3.3	3.2	3.1	....
Little Rock	do	23	0.8	0.7	0.5	0.4	0.1	1.2	1.8	3.3	5.4	6.4	6.5	6.6	8.1	9.5	9.3	7.8	6.1	4.7	4.2	3.5	3.4	3.1	2.6	2.0	2.0	2.0	1.5	2.4	2 8	2.4	....
Pine Bluff	do	25	6.1	5.9	5.6	5.5	5.7	5.6	6.3	7.3	8.3	10.3	10.9	10.9	11.2	12.7	13.4	12.9	11.6	10.4	9.3	8.4	8.0	7.7	7.5	7.2	6.8	6.6	6.5	6.5	7.0	7.1	....
Yancopin	do	29	14.4	14.3	14.1	14.1	15.1	15.4	15.5	16.0	16.5	17.3	17.8	19.1	19.4	20.1	21.9	23.1	23.6	23.8	24.0	24.2	24.6	24.9	25.1	25.1	25.0	24.7	24 3	23.8	23.3	22.7	....
Dardanelle	Petit Jean	20	3.6	3.6	3.6	3.6	3.7	3.7	3.9	5.2	11.1	9.4	8.5	7.3	6.8	6.5	6.5	6.3	6.1	6.1	6.3	6.3	6.0	5.2	4.3	4.2	4.0	4.0	4.3	4.2	4.2	4.0	....

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	3.8	3.0	2.6	2.2	2.9	4.1	4.4	9.4	10.1	9.1	9.2	8.1	6.7	5.8	5.1	4.7	4.5	4.1	3.7	4.0	3.3	3.0	2.8	2.7	2.5	2.5	2.6	2.9	3.9	3.7	...
Batesville	do	23	9.8	9.1	8.6	8.0	8.8	10.7	10.4	14.5	16.8	16.5	15.5	15.7	13.8	12.4	11.5	10.9	10.4	10.2	9.7	9.8	9.3	9.1	8.6	8.7	8.0	8.4	9.8	9.1	9.1	9.8	....
Newport	do	26	16.4	15.4	13.9	12.0	11.0	12.0	13.4	15.5	18.0	19.6	20.1	21.3	20.2	19.4	18.5	17.5	16.5	15.8	15.0	14.1	13.6	12.2	11.0	10.5	10.3	10.1	10.1	10.7	11.0	11.4	....
Dam No. 1	Little Red	..	4.4	4.0	3.8	3.6	5.6	7.0	9.5	17.0	21.0	10.8	7.0	5.0	3.0	2.8	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.9	4.9	7.0	4.8	3.0	....
Georgetown	White	22	21.2	21.0	20.6	20.2	19.9	19.6	19.4	19.6	19.9	20.3	20.4	20.5	20.6	20.7	20.8	20.8	20.8	20.6	20.4	20.2	19.9	19.5	19.0	18.6	17.8	17.2	17.0	16.9	16.9	16.9	....
Clarendon	do	30	28.0	27.8	27.7	27.6	27.5	27.3	27.1	27.1	26.9	26.7	26.6	26.6	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.5	26.4	26.3	26.2	26.1	25.9	25.7	25.5	25.2	24.9	....
Gilbert	Buffalo	30	4.8	4.7	4.7	4.6	4.6	6.0	6.0	9.2	7.5	6.8	6.4	6.0	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.1	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	....
Corning	Black	15	11.6	11.2	10.7	10.3	10.0	10.0	10.7	11.3	11.9	12.4	12.9	12.9	12.9	13.0	13.1	13.0	12.9	12.7	12.5	12.3	12.1	12.0	11.9	11.7	11.5	11.2	11.1	11.2	11.7	11.9	....
Black Rock	do	14	12.6	11.8	10.9	10.0	9.2	11.0	11.7	16.8	17.5	16.4	16.0	15.7	15.5	15.0	14.7	14.0	13.5	13.0	13.0	13.2	12.8	12.5	12.2	11.7	11.0	10.7	10.0	12.4	12.1	11.7	....
Patterson	Cache	9	10.4	10.3	10.0	9.7	9.4	9.0	8.6	8.5	8.4	8.4	8.6	9.0	9.3	9.5	9.6	9.5	9.5	9.4	9.2	9.0	8.8	8.6	8.4	8.1	7.8	7.5	7.4	7.4	7.3	7.3	....
Arkadelphia	Ouachita	18	1.2	1.0	1.0	2.5	6.0	6.5	8.0	14.0	12.5	8.8	5.7	4.9	4.0	3.5	3.5	2.0	3.0	2.8	3.3	2.8	2.5	2.5	2.5	2.5	2.5	2.8	2.8	3.2	3.4	2.2	...
Camden	do	30	5.4	5.7	5.5	5.7	9.1	16.3	20.5	23.1	25.2	27.3	28.3	29.0	28.1	26.8	23.9	20.0	16.8	13.4	11.1	8.9	8.1	7.7	7.4	6.9	6.9	7.3	7.6	8.0	10.1	10.7	....
Fulton	Red	28	9.2	8.9	8.6	9.0	9.5	10.9	10.7	11.6	12.8	13.7	14.2	14.3	14.0	13.1	12.3	12.1	11.6	11.2	10.8	10.5	10.1	10.0	9.8	9.4	9.1	8.9	8.7	8.6	8.6	8.4	....
Springbank	do	37	9.7	9.2	8.9	8.7	10.0	10.8	11.8	12.8	13.8	15.3	16.8	17.3	17.3	16.7	15.7	15.7	15.1	14.7	14.3	13.8	13.4	13.0	12.4	11.9	11.5	11.0	10.6	10.2	9.8	9.4	....
Whitecliffs	Little	28	1.9	1.9	1.5	2.1	3.0	4.0	6.5	7.5	18.0	21.0	18.0	15.8	12.0	9.8	7.1	5.5	4.3	4.8	3.3	2.9	2.8	2.8	2.6	2.6	2.4	2.3	2.3	2.3	2.0	2.0	....
Marked Tree	St. Francis	17	15.2	15.4	15.6	15.7	15.9	16.0	16.1	16.2	16.2	16.1	16.1	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.4	15.2	15.1	15.1	15.2	15.4	15.5	15.7	16.0	16.1	16.2	16.2	....
Helena	Mississippi	44	15.7	15.4	15.0	14.6	14.6	14.7	15.1	15.6	15.9	16.1	16.6	17.6	19.1	21.3	23.8	26.0	27.7	29.0	30.2	31.1	31.7	32.1	32.1	31.8	31.2	30.4	29.5	28.4	27.3	26.4	....
Arkansas City	do	48	21.4	21.2	20.9	20.6	20.6	20.5	20.4	20.7	21.2	21.4	21.7	22.6	23.9	25.7	27.2	28.6	30.8	32.0	33.1	34.0	34.6	35.1	35.7	35.8	35.8	35.2	34.5	33.9	32.9	31.8	....

Daily Precipitation for November, 1925

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	....	....	.50	.65	....	.52	.85	....	....	....	....	....	....	....	....	....	....	.42	....	....	....	....	....	....	....	.26	....	....	....	....	....	3.20
Arkadelphia	Ouachita	....	....	....	3.00	1.92	.15	.95	.45	....	....	....	.31	....	....	....	....	....	....	.75	....	....	....	....	....	....	.34	.10	....	....	....	....	7.97
Arkansas City	Mississippi	.02	....	....	2.04	1.20	.35	.10	.05	....	....	....	.25	....	....	.04	....	....	....	.05	....	....	....	....	....	....	.04	.08	....	....	....	....	7.22
Arlberg	White	....	....	....	.70	1.10	....	1.50	....	....	....	....	....	....	....	.20	....	....	.35	....	....	....	....	....	....	....	.60	....	....	....	....	....	4.45
Batesville	White	....	....	....	.12	1.00	.02	.46	.98	....	....	....	.27	....	....	.06	....	....	....	.38	....	....	....	....	....	....	.32	1.03	....	....	....	....	4.61
Bee Branch	Arkansas	....	....	....	.90	.54	.15	1.35	....	....	....	T.	....	....	....	....	....	....	.65	.06	....	....	....	....	....	....	.34	.78	....	....	....	....	4.77
Bentonville	Arkansas	....	....	.08	T.	....	1.06	.67	....	....	....	....	....	....	.15	.04	....	....	....	....	....	....	....	....	....	....	.44	....	....	....	....	....	2.44
Black Rock	White	....	T.	....	.04	1.80	.02	.52	.76	....	....	....	.25	....	....	.23	....	....	....	.58	....	....	....	....	....	....	.56	1.58	....	....	....	....	6.34
Booneville	Arkansas	....	....	T.	.10	.31	.43	.52	....	....	....	.03	....	....	....	....	....	....	.86	....	....	....	....	....	....	....	1.21	....	....	....	....	....	3.46
Brinkley	White	....	....	....	.48	1.54	.06	.46	1.82	....	....	....	.42	....	....	.82	....	....	....	.26	....	....	....	....	....	....	.42	.96	....	....	....	....	7.24
Calico Rock	White	....	....	....	.18	.25	.01	.71	.30	....	....	....	.04	....	....	.27	....	....	T.	.47	....	....	....	....	....	....	.30	.30	....	....	....	....	2.83
Camden	Ouachita	....	....	....	2.00	3.45	.12	.56	.82	....	....	.03	.28	....	....	.28	....	....	....	.47	....	....	....	....	....	....	.28	....	....	....	....	....	8.29
Center Point	Red	....	....	.83	1.91	.63	.44	1.05	....	....	....	T.	....	....	....	.03	....	....	.50	....	....	....	....	....	....	....	.47	....	....	....	....	....	5.86
Clarendon	White	.01	.01	....	1.50	1.53	.16	.43	1.09	....	....	....	.52	....	....	.23	....	....	....	.14	....	....	....	....	....	....	.35	.45	....	....	....	....	6.42
Clinton	White	....	....	....	.88	.12	.10	1.03	....	....	....	....	....	....	....	....	....	....	.53	....	....	....	....	....	1.40	....	....	....	....	....	....	....	4.06
Conway	Arkansas	.03	....	.26	.82	.41	.11	1.04	....	....	....	.06	....	....	....	....	....	....	.61	....	....	....	....	....	....	.99	.57	....	....	....	....	4.90
Corning	White	....	....	....	....	1.50	....	1.80	....	....	....	....	.76	....	....	.65	....	....	1.10	....	....	....	....	....	....	2.05	.55	....	....	....	....	8.41
Dam No. 1	White	....	....	T.	.40	1.62	T.	.40	....	....	....	....	.20	....	....	....	....	....	.40	....	....	....	....	....	.20	1.74	....	....	....	....	....	4.96
Danville	Arkansas	....	....	....	.33	.30	....	1.00	....	....	....	....	T.	....	....	....	....	....	....	.68	....	....	....	....	....	....	.30	T.	....	....	....	....	2.61
Dardanelle	Arkansas	....	....	....	.20	.70	....	.85	.18	....	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	....	....	.60	....	....	....	....	3.28
Dodd City	White	....	....	....	.40	.42	....	1.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.84
Dumas	Mississippi	....	.05	.62	4.48	2.86	.25	1.03	.05	....	....	.85	.20	....	....	.05	....	....	.05	....	....	....	....	....	.02	.07	....	....	....	....	....	....	10.58
Dutton	White	....	....	....	....	....	....	.17	....	.11	....	.58	....	....	.92	.13	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	....	2.28
El Dorado	Ouachita	....	....	....	2.60	6.00	.40	.16	.74	....	....	.03	1.50	....	....	.08	....	....	....	.46	....	....	....	....	....	....	T.	....	....	....	....	....	....	11.97
England	Arkansas	....	....	.27	2.40	.35	.28	1.32	....	....	....	.19	.05	....	....	.05	....	....	.31	.11	....	....	....	....	....	T.	.51	.57	....	....	....	....	....	6.41
Eureka Springs	White	....	....	.19	....	....	.10	1.75	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	.56	....	....	....	....	....	2.90
Evening Shade	White	....	....	....	.80	.80	.70	.80	....	....	....	.25	....	....	T.	T.	....	....	.70	....	....	....	....	....	....	....	.70	.50	....	....	....	....	5.25
Fayetteville	White	....	....	T.	....	....	.72	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	1.04
Fort Smith	Arkansas	....	....	.08	1.34	.01	.43	.26	....	....	T.	T.	....	....	.05	....	....	T.	.56	....	....	....	....	....	....	....	.12	....	....	....	....	....	2.85
Freeman Sprgs.	Arkansas	....	T	....	.46	.30	T	.75	.20	....	....	....	.03	....	....	T.	....	....	T.	.83	....	....	....	....	....	....	.60	.06	....	....	....	....	3.23
Fulton	Red	....	....	.10	1.80	1.50	.18	.57	....	....	....	....	T.	....	....	....	....	....	T	.88	....	....	....	....	....	....	.18	....	....	....	....	....	5.21
Georgetown	White	....	....	....	1.00	.95	....	.50	.85	....	....	....	.15	....	....	....	....	....	....	.35	....	....	....	....	....	....	.25	1.10	....	....	....	....	5.15
Gilbert	White	....	....	....	.38	.49	....	.61	.22	....	....	....	T.	....	....	.14	....	....	.05	.28	....	....	....	....	....	....	.37	.03	....	....	....	....	2.57
Grady	Arkansas	....	....	1.60	3.55	.25	.35	.77	....	....	....	1.00	....	....	.59	....	....	....	.10	....	....	....	....	....	.40	.20	....	....	....	....	....	....	8.81
Grannis	Red	....	....	1.15	1.00	.52	.74	1.28	....	....	....	.08	....	....	....	.05	....	.80	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	5.99
Gravette	Arkansas	....	....	....	T.	.15	....	1.64	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	....	....	....	....	....	....	2.32
Harrison	White	....	....	....	T.	.70	....	1.10	....	....	....	....	....	....	....	.35	....	....	.04	....	....	....	....	....	....	....	.60	....	....	....	....	....	2.79
Helena	Mississippi	....	.02	....	.24	3.22	.20	.28	.98	....	....	....	.30	....	....	.16	....	....	....	.16	....	....	....	....	....	....	.36	.62	....	....	....	....	6.54
Higden	White	....	....	....	.66	.54	.10	1.33	....	....	....	.04	.11	....	....	....	....	....	.66	....	....	....	....	....	....	....	1.22	....	....	....	....	....	4.66
Hope	Red	....	....	T.	T.	4.39	....	1.10	....	....	....	.28	....	....	....	....	....	....	.65	.06	....	....	....	....	....	....	....	....	....	....	....	....	6.48
Hot Springs	Ouachita	....	....	.41	1.51	.71	.40	1.44	....	....	....	.11	....	....	....	.01	....	....	.85	....	....	....	....	....	T	.65	.02	....	....	....	....	....	6.11
Huttig	Ouachita	....	.05	....	5.10	5.50	....	.53	....	....	....	2.00	....	....	....	.10	....	.50	....	....	....	....	....	....	....	.40	.23	....	....	....	....	....	14.41
Jonesboro	White	....	....	....	1.15	.76	.02	.71	.01	....	....	.08	.08	....	....	.02	....	....	.17	....	....	....	....	....	....	.87	.28	....	....	....	....	....	4.15
Junction	Ouachita	....	....	2.80	....	4.90	T.	.48	....	....	....	1.17	....	....	.78	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	10.63
Lambrook	White	....	....	....	....	4.00	.40	.60	....	....	....	.45	....	....	....	....	....	....	.25	....	....	....	....	....	....	.60	....	....	....	....	....	....	6.30
Little Rock	Arkansas	.01	....	.13	1.72	.42	.27	.90	....	....	....	.30	....	....	T.	....	....	....	.51	....	....	....	....	....	....	.97	....	....	....	....	....	....	5.23
Ludwerville	Arkansas	....	....	....	....	.75	.35	1.49	....	....	....	.02	....	....	....	T.	....	....	1.14	....	....	....	....	....	....	.69	....	....	....	....	....	....	4.44
McGehee	Mississippi	....	....	.92	5.24	1.92	.20	.46	....	....	....	.71	....	....	.03	....	....	....	.22	....	....	....	....	....	....	.10	....	....	....	....	....	....	9.80
Magnolia	Red	....	....	1.20	2.45	2.30	.85	.61	....	....	....	.32	....	....	....	.14	....	....	.41	....	....	....	....	....	....	.12	....	....	....	....	....	....	8.13
Malvern	Ouachita	....	....	....	1.65	.80	.12	.72	.57	....	....	....	.35	....	....	....	....	....	....	.80	....	....	....	....	....	....	.27	.70	....	....	....	....	6.02
Mammoth Spg.	White	....	....	....	.08	1.12	.03	1.17	1.30	....	....	....	.50	....	....	.31	T.	....	....	.66	....	....	....	....	....	....	.32	.64	....	....	....	....	5.96
Marianna	Mississippi	....	....	....	1.11	.74	.14	.92	....	....	....	.10	.18	....	....	.24	....	....	.13	.04	....	....	....	....	....	....	.62	....	....	....	....	....	4.22
Marked Tree	Mississippi	....	....	....	.61	.67	.21	.40	1.05	....	....	....	.14	....	....	.39	....	....	....	.25	....	....	....	....	....	....	.48	1.17	....	....	....	....	5.37
Marshall	White	....	....	....	.28	....	T.	1.58	....	....	T.	....	....	....	....	.36	....	....	.36	....	....	....	....	....	....	....	.52	.06	....	....	....	....	2.96
Mena	Ouachita	....	....	.02	.46	.57	.02	1.44	....	....	....	....	.03	....	....	....	....	....	T.	.62	....	....	....	....	....	....	.48	....	....	....	....	....	....	3.64
Mountain Home	White	....	....	....	.58	.97	.16	1.03	....	....	....	.03	....	....	....	.21	....	....	.54	....	....	....	....	....	....	....	.64	....	....	....	....	....	....	4.16
Mount Ida	Ouachita	....	....	.43	.93	.67	.43	.79	....	....	.02	....	....	....	....	....	....	....	.93	....	....	....	....	....	....	....	.70	....	....	....	....	....	....	4.90
Murfreesboro	Ouachita	....	....	....	1.93	.75	.07	1.61	.73	....	....	....	.26	....	.10	....	....	....	.02	.91	....	....	....	....	T.	T.	.45	....	....	....	....	....	....	6.81
Newport	White	....	....	....	....	2.19	....	.35	....	....	....	....	.21	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	1.22	....	....	....	....	....	4.19
Osceola	Mississippi	....	....	....	1.50	.20	.44	1.35	....	....	....	T.	.10	....	....	T.	....	....	....	.61	....	....	....	....	....	....	....	1.47	....	....	....	....	....	5.67
Patterson	White	....	....	....	2.30	1.34	.10	.51	....	....	....	....	.96	....	....	....	....	....	....	.33	....	....	....	....	....	....	.32	1.46	....	....	....	....	....	7.32
Piggott	Mississippi	....	....	....	1.50	.05	.60	.41	....	....	....	.35	....	....	1.07	....	....	....	.37	....	....	....	....	....	....	....	1.90	....	....	....	....	....	....	6.25
Pindall	White	....	....	....	.55	.78	.15	.80	....	....	....	....	....	....	....	.45	....	....	.27	....	....	....	....	....	....	....	.52	....	....	....	....	....	....	3.52
Pine Bluff	Arkansas	.01	T.	....	2.35	2.45	.08	.41	1.32	....	....	....	.40	....	....	.33	....	....	....	.45	....	....	....	....	....	....	.35	.11	....	....	....	....	....	8.26
Pocahontas	White	....	....	....	.40	.62	....	1.38	....	....	....	.07	.15	....	....	.20	....	....	.57	....	....	....	....	....	....	....	.80	.51	....	....	....	....	....	4.70
Portland	Ouachita	....	.06	....	2.85	4.75	.25	.16	.11	....	....	....	1.08	....	....	....	....	....	....	.51	....	....	....	....	....	....	....	.39	....	....	....	....	....	10.16
Prescott	Ouachita	....	....	1.93	2.18	.04	.96	.26	....	....	....	.20	....	....	....	....	....	....	.56	....	....	....	....	....	....	....	.24	....	....	....	....	....	....	6.57
Princeton	Ouachita	....	....	....	1.32	1.54	.53	1.04	.55	....	....	....	....	....	.93	....	....	....	....	....	....	....	....	....	....	....	.41	....	....	....	....	....	....	6.35
Rison	Ouachita	....	....	....	2.20	2.85	....	.30	1.05	....	....	....	.50	....	....	.62	....	....	....	.20	....	....	....	....	....	....	.20	....	....	....	....	....	....	7.92
Rogers	Arkansas	....	....	.17	T.	....	.19	1.73	....	....	....	....	....	....	.02	.16	....	....	....	....	....	....	....	....	....	....	.34	....	....	....	....	....	....	2.61
Searcy	White	....	....	T.	1.66	.53	.10	1.12	....	....	....	.25	....	....	T.	....	....	....	.35	....	....	....	....	....	....	....	1.17	....	....	....	....	....	....	5.16
Springbank	Red	....	T.	.10	3.00	5.00	1.75	1.70	.60	....	....	T.	.40	....	T.	....	....	....	T.	.40	....	....	....	....	....	....	.05	....	....	....	....	....	....	13.00
Story	Ouachita	.03	....	....	.60	....	....	1.32	....	....	....	....	....	....	....	....	.92	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	....	....	3.18
Stuttgart	Arkansas	....	....	2.80	2.67	.14	.39	1.22	....	....	....	.55	....	....	.20	....	....	....	....	....	....	....	....	....	.38	....	.75	....	....	....	....	....	....	9.08
Subiaco	Arkansas	....	....	.01	.54	.26	.32	.58	....	....	....	.05	....	....	....	.02	....	....	1.05	....	....	....	....	....	....	....	.06	....	....	....	....	....	....	3.49
Texarkana	Red	....	....	.52	1.32	1.74	.36	1.02	.10	....	....	.30	....	....	....	....	....	....	....	.58	....	....	....	....	....	....	.28	....	....	....	....	....	....	6.22
Thornburg	Arkansas	....	....	.60	.40	.40	.20	1.00	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	1.50	....	....	....	....	....	....	4.70
Waldron	Arkansas	....	....	.27	.13	....	.17	.47	.04	....	....	.05	....	....	....	....	....	....	.73	....	....	....	....	....	....	.54	....	....	....	....	....	....	2.40
Warren	Ouachita	....	....	1.50	4.50	.25	.20	1.30	....	....	.60	1.22	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	9.67
Waters	Ouachita	....	....	....	.95	.70	....	1.76	....	....	....	....	....	....	....	....	....	....	.65	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	4.46
Whitecliffs	Red	....	....	.34	1.42	....	.10	1.52	....	....	....	....	....	....	....	....	....	....	....	.68	....	....	....	....	....	....	.24	....	....	....	....	....	....	4.30
Wynne	Mississippi	....	....	....	.85	.25	.38	1.37	1.28	....	....	....	.21	....	....	.70	....	....	....	.28	....	....	....	....	....	....	.28	.95	....	....	....	....	....	6.35
Yancopin	Arkansas	T.	....	....	2.24	6.17	.08	.19	1.83	....	....	....	.81	....	....	.24	....	....	....	.16	....	....	....	....	....	....	.11	....	.21	....	....	....	....	12.04

Precipitation is for 24 hours ending near sunset unless otherwise indicated * For 24 hours ending midnight. For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

Daily Temperatures for November, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	61	57	55	68	67	62	66	53	58	59	63	65	69	70	67	61	62	58	63	62	61	52	52	60	70	75	70	52	54	55	....	61.4
	Minimum	33	46	44	52	60	54	51	32	29	31	34	36	36	40	41	30	32	40	43	31	31	39	26	29	53	58	48	34	30	30	....	39.1
Batesville§§	Maximum	49	53	56	61	60	66	67	49	60	64	50	75	74	74	45	59	63	51	61	58	65	47	47	62	65	61	54	49	56	66	....	58.9
	Minimum	25	41	36	43	52	52	51	33	28	28	29	35	37	37	38	26	25	26	45	28	28	28	24	24	26	46	43	27	27	27	....	33.8
Bee Branch	Maximum	51	59	54	63	59	58	64	60	59	62	58	69	71	67	63	59	61	55	59	60	63	57	48	59	63	61	60	50	54	62	....	59.6
	Minimum	32	33	37	50	55	49	52	29	27	30	36	44	41	40	38	29	28	40	39	31	30	34	24	27	49	49	40	30	31	30	....	36.8
Bentonville	Maximum	57	58	63	69	61	57	63	46	62	62	63	68	68	65	45	55	50	53	58	64	64	40	54	67	65	55	47	52	57	60	....	68.6
	Minimum	27	34	42	58	41	42	27	22	30	35	38	43	36	33	32	32	35	43	34	31	30	29	26	38	48	43	33	30	36	38	....	35.5
Booneville	Maximum	50	58	54	72	69	63	69	60	64	72	68	74	71	70	52	63	66	59	64	67	68	61	62	71	68	68	60	54	58	66	....	64.0
	Minimum	29	35	44	50	57	53	63	32	27	34	37	37	36	50	38	28	31	48	45	30	30	33	24	30	55	54	41	35	35	30	....	38.7
Brinkley	Maximum	49	65	55	60	59	57	68	54	63	68	67	73	77	75	69	64	67	60	65	60	67	57	52	65	65	67	65	52	65	68	....	63.3
	Minimum	41	45	38	54	54	53	53	34	28	30	39	52	42	41	40	33	30	39	48	33	29	39	25	32	52	57	46	32	30	30	....	40.0
Calico Rock§§	Maximum	52	62	59	65	62	66	69	50	67	61	52	76	77	69	44	59	59	53	62	64	73	47	51	65	70	65	54	52	60	67	....	61.1
	Minimum	23	35	36	42	54	46	49	32	28	29	30	34	36	35	36	27	26	27	43	29	30	30	24	25	26	44	43	29	29	29	....	35.5
Camden§§	Maximum	51	55	65	68	64	67	68	55	61	67	66	71	72	77	57	65	66	62	68	63	65	53	56	68	77	71	61	56	63	68	....	64.2
	Minimum	32	40	47	51	62	55	55	35	29	30	30	46	37	37	38	32	31	31	42	32	30	30	24	24	34	55	46	34	30	30	....	37.6
Center Point	Maximum	51	61	55	69	68	64	61	60	61	65	60	62	72	73	71	64	65	58	61	66	65	55	56	65	76	72	64	54	55	65	....	63.1
	Minimum	35	46	48	52	61	54	54	30	33	28	47	47	42	50	40	33	43	44	42	39	39	36	28	37	53	60	45	35	35	38	....	42.8
Conway	Maximum	52	61	54	65	62	60	64	60	62	65	54	74	68	72	66	62	66	57	66	61	68	50	53	64	66	67	61	51	56	66	....	61.7
	Minimum	34	39	38	51	56	54	55	31	27	30	36	47	45	41	41	29	28	39	46	32	30	36	25	28	52	54	43	30	34	29	....	38.7
Corning	Maximum	49	58	61	60	63	62	60	66	48	62	66	72	66	62	66	66	47	55	62	51	56	56	46	48	56	56	56	46	42	40	....	56.8
	Minimum	36	42	36	42	49	47	50	36	28	31	34	50	44	40	37	31	26	41	42	39	33	28	27	33	42	52	42	30	32	28	....	37.6
Dardanelle	Maximum	57	62	56	65	65	67	66	62	63	64	62	64	62	73	65	64	66	64	65	61	67	64	55	67	68	67	60	57	58	62	....	65.3
	Minimum	35	43	42	50	51	53	53	33	31	34	39	40	40	36	42	40	31	41	37	46	42	34	38	28	31	51	34	34	32	28	31	38.7
Dodd City	Maximum	48	58	60	64	64	53	69	59	63	64	59	71	69	64	59	62	58	65	50	50	50	52	48	65	60	60	59	54	53	54	....	58.8
	Minimum	22	28	41	50	47	40	50	25	26	33	34	38	37	41	30	28	33	28	36	27	25	21	21	26	28	28	26	31	28	31	....	31.6
Dumas	Maximum	53	55	56	63	63	58	71	54	60	68	67	76	75	77	69	65	67	62	66	57	52	50	56	70	71	73	63	57	65	68	....	65.6
	Minimum	38	47	48	54	51	53	53	35	30	31	41	51	42	39	42	33	31	40	50	34	40	39	25	32	51	60	39	33	23	30	....	40.6
Dutton	Maximum	71	75	76	75	75	76	72	64	58	77	66	64	70	65	56	58	61	55	58	55	59	63	52	45	53	51	50	43	50	61	....	61.8
	Minimum	28	29	32	39	51	65	42	34	29	47	58	31	46	46	42	30	27	34	24	29	33	31	32	22	15	28	22	25	15	24	....	33.7
El Dorado	Maximum	52	60	58	68	67	63	71	57	62	68	62	67	74	77	71	65	66	60	66	63	65	54	58	68	76	71	65	57	64	72	....	64.9
	Minimum	37	47	47	57	62	55	57	36	31	33	42	52	42	46	42	35	35	42	51	36	32	38	28	31	54	60	47	35	32	35	...	42.7
England	Maximum	49	63	56	63	61	58	67	56	61	68	64	71	74	73	67	65	67	60	63	58	67	54	54	67	68	67	60	53	59	61	....	62.5
	Minimum	34	44	40	54	57	54	56	33	29	31	38	54	40	41	42	31	30	40	46	36	36	40	25	32	52	57	46	32	31	32	....	40.1
Eureka Springs	Maximum	60	64	68	73	66	53	63	51	64	65	65	69	73	71	47	58	63	54	60	68	67	55	56	70	68	57	50	56	60	61	....	61.8
	Minimum	40	49	52	53	55	....	40	39	32	32	42	42	42	45	45	34	40	....	....	....	....	....	25	....	30	60	46	39	34	34	....	41.4
Fayetteville	Maximum	45	52	55	58	58	56	66	57	57	63	56	69	88	70	65	56	59	58	57	52	63	51	44	63	67	63	59	45	51	61	....	59.5
	Minimum	38	43	44	53	53	51	53	33	28	30	35	51	47	40	39	31	29	40	28	33	32	35	37	37	42	53	42	31	37	31	....	38.9
Fort Smith	Maximum	55	58	64	57	64	62	55	52	59	67	64	69	70	68	63	65	....	....	....	....	....	64	58	62	70	70	67	64	62	68	....	63.7
	Minimum	41	43	47	45	50	46	50	40	28	29	31	34	33	38	34	30	....	....	....	....	....	36	38	23	36	50	52	47	30	32	30	....	38.0
Grannis	Maximum	52	62	55	68	66	60	65	60	60	62	56	57	70	71	70	63	55	60	62	64	64	53	55	83	78	72	62	53	65	66	....	63.0
	Minimum	27	38	44	49	48	47	51	28	26	30	57	39	30	45	33	29	40	40	39	35	40	33	24	28	30	45	43	30	36	30	....	36.3
Gravette	Maximum	57	58	64	68	66	58	61	59	62	63	61	70	71	65	48	57	62	54	59	66	61	59	55	68	66	56	52	52	58	61	....	60.5
	Minimum	20	28	35	56	40	37	36	19	19	29	31	35	27	35	32	20	25	49	24	21	25	24	17	32	48	44	32	25	32	32	....	31.0
Harrison	Maximum	55	60	66	66	65	62	52	68	68	66	55	70	73	70	64	54	63	54	54	64	68	56	57	70	71	61	53	56	61	62	....	62.0
	Minimum	22	25	38	44	45	40	23	....	23	30	29	42	39	35	31	29	24	43	37	28	27	27	21	26	47	....	35	24	32	32	....	32.1
Helena§§	Maximum	54	63	60	60	58	63	71	60	63	68	68	78	80	79	49	68	66	65	70	63	72	54	57	67	64	74	61	54	65	70	....	64.8
	Minimum	35	44	39	45	52	52	53	38	29	29	32	39	47	39	38	31	31	32	38	38	31	30	28	29	35	51	49	33	30	32	....	37.6
Hope	Maximum	50	57	55	70	69	62	66	83	58	64	59	67	70	73	69	64	67	59	66	63	60	53	57	66	76	74	64	55	58	66	....	64.0
	Minimum	31	46	46	55	61	50	55	33	29	32	42	48	37	46	33	34	32	42	45	31	35	39	25	35	55	62	42	35	33	39	...	39.6
Hot Springs	Maximum	49	50	52	65	63	60	67	59	61	67	64	75	73	71	69	61	64	54	64	65	66	52	54	64	67	69	63	53	58	60	....	62.9
	Minimum	34	40	44	51	60	53	54	34	31	34	40	42	42	44	41	33	32	42	43	36	33	36	27	36	47	54	41	34	32	33	....	40.2
Huttig	Maximum	53	56	67	67	67	....	58	55	62	67	72	72	70	77	75	64	65	....	....	....	....	....	....	55	74	73	64	62	60	64	....	65.2
	Minimum	40	49	52	53	55	....	40	39	32	32	42	42	42	45	45	34	40	....	....	....	....	....	25	....	30	60	46	39	34	34	....	41.4
Jonesboro	Maximum	45	52	55	58	58	56	66	57	57	63	56	69	88	70	65	56	59	58	57	52	63	51	44	63	67	63	59	45	51	61	....	59.5
	Minimum	38	43	44	53	53	51	53	33	28	30	35	51	47	40	39	31	29	40	28	33	32	35	37	37	42	53	42	31	37	31	....	38.9
Junction	Maximum	55	58	64	57	64	62	55	52	59	67	64	69	70	68	63	65	....	....	....	....	....	64	58	62	70	70	67	64	62	68	....	63.7
	Minimum	41	43	47	45	50	46	50	40	28	29	31	34	33	38	34	30	....	....	....	....	....	36	38	23	36	50	52	47	30	32	30	....	38.0
Little Rock	Maximum	49	60	54	64	61	57	68	49	60	61	61	74	72	70	53	61	64	58	62	60	64	49	51	65	66	67	57	49	57	65	....	60.4
	Minimum	38	45	44	54	56	54	42	34	34	37	44	51	47	48	40	34	40	44	45	41	37	36	29	34	55	55	43	34	36	37	....	42.8
Lutherville	Maximum	51	58	53	62	65	59	64	57	60	61	50	69	70	63	68	62	60	57	61	62	61	55	50	61	63	62	56	48	55	56	....	59.5
	Minimum	35	37	42	50	57	44	52	30	28	34	40	43	39	37	42	30	39	42	40	35	36	31	36	33	45	53	38	31	32	33	....	38.9
Magnolia	Maximum	49	58	65	70	69	69	69	57	62	68	61	65	70	78	79	65	67	65	64	64	66	61	67	68	74	77	67	55	67	70	....	65.9
	Minimum	36	39	42	56	53	47	55	35	30	30	42	52	38	40	42	35	35	35	34	43	29	41	58	61	47	40	38	41	..	41.5
Malvern	Maximum	49	60	59	65	62	61	68	58	61	62	67	70	74	74	70	65	66	64	67	64	69	59	54	66	69	68	62	60	58	66	....	63.2
	Minimum	32	45	43	52	60	54	55	33	30	30	38	50	37	36	41	29	30	40	42	31	30	31	24	28	54	56	50	34	30	30	....	39.2
Mammoth Spg.§§	Maximum	50	57	57	69	58	65	66	42	58	60	64	70	67	68	39	51	58	47	55	56	65	44	42	62	65	55	49	45	51	60	....	58.2
	Minimum	26	36	37	44	44	44	47	29	24	24	28	32	40	34	36	26	23	25	40	25	26	27	21	22	22	41	37	28	32	27	....	31.6
Marianna	Maximum	57	57	57	60	59	57	69	56	54	64	61	73	69	73	63	64	61	62	62	53	63	60	50	64	64	71	55	49	61	66	....	63.1
	Minimum	42	49	49	51	52	53	55	34	30	31	38	55	44	40	38	33	32	42	49	36	31	30	27	31	52	49	48	33	34	31	....	40.1
Marked Tree §§	Maximum	51	56	57	55	63	63	47	56	63	55	72	73	71	42	52	59	57	61	49	61	47	44	65	62	58	47	49	53	61	56	....	55.6
	Minimum	40	45	43	52	51	52	31	30	31	33	40	45	41	40	32	31	32	44	36	32	34	30	31	34	50	46	32	31	32	33	....	37.9
Marshall	Maximum	50	57	56	65	62	60	65	62	65	63	67	72	75	67	64	52	61	58	59	57	68	63	57	67	67	69	63	50	52	65	....	61.6
	Minimum	26	34	43	54	57	44	52	27	26	36	31	52	35	44	35	25	29	44	34	29	31	32	23	31	52	52	48	47	47	37	....	38.7
Mena	Maximum	57	60	57	70	66	65	63	50	61	64	56	72	74	69	66	61	64	55	63	63	65	66	55	65	69	67	57	51	58	63	....	62.4
	Minimum	31	42	45	51	50	52	40	30	31	34	40	42	39	47	35	31	33	44	41	38	36	35	26	36	55	50	42	34	34	33	....	39.2
Mt. Home	Maximum	49	62	60	65	65	55	68	49	66	65	53	74	73	68	58	52	63	53	62	63	70	54	48	66	68	57	56	49	65	67	....	60.8
	Minimum	26	40	39	48	50	41	47	26	23	29	32	41	37	38	31	24	25	42	37	28	28	29	22	24	41	48	35	27	28	28	....	33.9
Mt. Ida	Maximum	54	66	51	67	63	64	67	60	64	67	70	77	78	72	70	66	67	68	66	68	69	57	58	68	72	72	63	55	58	69	....	65.6
	Minimum	27	41	37	51	52	54	52	32	24	27	34	36	32	34	41	35	28	45	37	27	25	34	29	24	54	49	41	26	24	25	....	35.8
Newport	Maximum	46	57	57	62	64	60	68	62	67	67	52	68	74	73	69	66	58	64	65	64	63	66	48	63	67	65	60	52	61	64	....	61.8
	Minimum	31	42	38	52	54	52	55	33	28	31	37	53	41	40	40	31	30	38	45	34	36	37	35	31	52	52	44	31	30	30	....	39.2
Osceola	Maximum	49	51	61	59	58	55	67	60	61	66	60	73	76	74	71	53	63	65	66	59	66	56	48	63	67	65	60	52	61	64	....	61.8
	Minimum	39	45	40	49	53	51	53	32	48	31	40	53	47	40	40	31	29	41	47	32	30	37	25	31	50	51	45	32	33	32	....	40.2
Pine Bluff	Maximum	49	62	54	63	61	58	68	56	60	70	62	78	73	76	67	67	69	63	68	62	70	59	57	71	68	68	65	54	59	69	....	64.2
	Minimum	37	46	44	54	56	54	54	35	30	32	42	54	46	41	43	35	33	41	48	38	32	37	27	35	51	56	46	35	33	33	....	41.7
Pocahontas	Maximum	48	61	67	59	59	57	66	62	59	62	58	74	72	76	67	61	62	55	62	61	64	56	44	61	67	59	58	56	58	66	....	60.8
	Minimum	32	43	39	45	54	50	50	32	25	30	33	50	45	37	38	29	27	41	43	33	30	35	27	25	47	46	40	30	32	29	....	37.2
Portland	Maximum	55	56	57	65	65	61	81	58	59	70	68	75	76	78	75	67	68	65	64	59	65	57	56	68	76	74	64	56	65	72	....	65.8
	Minimum	42	49	52	57	58	55	55	33	31	33	42	58	42	41	45	34	32	42	51	35	30	29	26	31	57	59	49	37	33	34	....	42.9
Prescott	Maximum	50	61	62	71	68	67	71	62	67	66	63	68	77	71	76	66	68	65	67	66	65	66	56	67	69	77	62	58	63	68	....	68.1
	Minimum	34	40	45	49	60	55	55	40	29	30	40	36	39	41	39	32	34	34	40	32	30	25	25	40	40	39	35	33	36	37	....	38.3
Rison	Maximum	50	57	56	64	63	60	69	57	60	67	66	75	72	77	75	64	68	60	65	62	66	60	57	69	75	70	67	55	60	69	....	64.4
	Minimum	33	45	42	52	55	53	51	31	30	33	43	44	42	43	45	34	36	42	49	36	31	40	26	34	54	61	45	34	31	33	....	41.1
Rogers	Maximum	58	62	62	70	66	56	63	50	62	62	67	69	71	63	55	57	62	55	56	65	65	57	54	68	69	60	52	56	58	61	....	60.9
	Minimum	23	30	39	36	41	41	42	22	29	29	50	43	35	38	32	27	25	47	34	27	26	29	21	27	50	50	33	29	37	34	....	34.2
Searcy	Maximum	50	57	57	61	61	58	67	59	58	65	66	70	72	72	60	60	65	59	62	59	60	48	63	66	64	70	62	54	62	63	....	62.4
	Minimum	49	49	46	52	51	52	55	40	34	35	36	45	56	50	45	40	40	52	45	50	55	52	22	30	45	54	58	35	40	35	....	45.1
Stuttgart	Maximum	50	60	58	62	60	58	63	56	57	67	63	74	72	75	67	62	65	60	63	59	65	59	62	74	67	69	66	55	61	57	....	63.0
	Minimum	45	41	53	51	53	55	34	30	32	40	53	43	42	40	35	32	39	48	35	30	38	26	43	52	57	45	33	31	32	38	....	41.0
Subiaco	Maximum	52	61	54	64	68	61	63	58	63	66	57	72	74	77	65	64	68	60	65	68	67	55	61	73	73	66	61	63	66	65	....	64.6
	Minimum	33	40	41	51	56	51	53	32	28	31	39	44	44	44	39	35	33	45	46	40	33	36	37	30	50	53	41	31	33	34	....	40.2
Texarkana	Maximum	52	61	62	72	71	68	68	58	61	68	63	68	70	78	68	62	68	60	70	70	68	55	58	70	80	71	68	61	65	69	....	66.1
	Minimum	32	46	50	54	61	50	54	32	30	33	43	49	36	36	39	30	34	45	48	33	34	39	25	35	54	51	42	36	30	34	....	40.5
Warren	Maximum	51	55	56	64	63	60	72	55	57	60	71	73	70	75	....	....	....	....	....	....	....	....	....	78	72	70	66	56	61	68	....	61.4
	Minimum	36	48	50	56	59	55	55	36	31	33	36	36	34	41	....	....	....	....	....	....	....	....	....	34	60	61	47	35	31	33	....	43.3
Wynne	Maximum	49	57	57	67	60	63	65	59	58	64	62	72	72	74	71	60	62	60	61	54	63	58	46	64	63	65	55	54	57	65	....	61.1
	Minimum	41	45	38	53	54	56	55	35	28	31	39	52	40	41	39	30	30	42	48	31	29	37	23	33	50	50	45	40	31	31	....	40.0

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

57.05
ANAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

JAN 22 1926
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXX LITTLE ROCK, Ark., DECEMBER, 1925 No. 12

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during December were the low monthly mean temperatures and the light precipitation. This was the coldest December since 1917 and also the driest.

During the first half of the month temperatures were generally near or somewhat above the seasonal average, but after the 15th daily means were almost uniformly below normal, the coldest weather of the month occurring during the last decade when a cold wave overspread the State giving low temperatures in all sections with zero to 6° below at several northern stations.

There was an average of only three rainy days during the month, rain occurring in most sections on the 4th, the 13th, and the 14th, and at several stations about the 22d. The monthly total has been less during only three Decembers of the past 35 years. The streams of the State were at correspondingly low stages during most of the month.

The weather was generally favorable for all farm and outdoor work, cotton picking, ginning, and rice threshing being nearly completed at the close of the month. Winter grains were in good condition, but the acreage small. Dirt roads were in good condition throughout the month.

A tornado occurred near Marshall, Searcy County, 11:00 p. m. of the 3d. This storm moved from southwest to northeast over a path about 150 feet wide for a distance of more than five miles. The damage to dwellings and barns is estimated at at $3,500. No stock were killed or people injured. W. C. B.

TEMPERATURE

The monthly mean temperature for December, as determined from the records of 57 stations, was 40.2° which is 1.9° below normal, all stations except Corning, Marianna, and Subiaco showing negative departures. Monthly means ranged from 48.8° at Magnolia to 33.1° at Dodd City, a difference of 15.7° between the northern and southern border counties. The highest temperature recorded was 81° at Jonesboro on the 8th, the lowest, —6° at Mammoth Spring on the 28th. The lowest occurred in practically all sections on the 28th, the highest on different dates. The greatest daily range was 51° at Lambrook on the 26th.

PRECIPITATION

The average precipitation, as determined from the records of 80 stations, was 1.71 inches which is 2.38 inches below normal, all stations except El Dorado and Junction showing negative departures. Monthly totals ranged from 5.10 inches at El Dorado to 0.13 inch at Rogers. An appreciable amount of snow fell at 31 stations and averaged 0.7 inch. Amounts were unevenly distributed, ranging from 3.6 inches at Corning and 3.5 inches at Thornburg to a trace at numerous southern stations. The average number of days with 0.01 inch or more precipitation was 3

Correction October 1925: Calico Rock highest temperature on 4th. Eureka Springs clear days 12, partly cloudy 8, cloudy 11. Evening Shade mean temperature 57.0°, precipitation 28th trace. Harrison highest temperature on 2d. Lutherville 12 clear days, 3 partly cloudy, 16 cloudy. Mammoth Spring lowest temperature 20° on 19th, rainy days 14. Pindall clear days 14, partly cloudy 2, cloudy 16. Waldron clear days 9, partly cloudy 6, cloudy 16. Waters clear days 12, partly cloudy 4, cloudy 15.

Correction November 1925: Hot Springs highest temperature 75° on 12th. Mountain Home, mean temperature 47.4° departure — 2.2°. Ozark, mean maximum 63.0°; mean minimum 36.2°; mean 49.6°; departure — 2.6°.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:- 2d, 1; 3d, 10; 4th, 17; 19th, 1; 24th, 1.

Sleet:- 4th, 2; 20th, 1.

Dense Fog:- 14th, 2.

Solar Halos:- 7th, 2; 19th, 2; 31st, 2.

Lunar Halos:- 2d, 2; 28th, 2; 31st, 2.

Tornado:- Marshall, 3d.

Moderate Hail:- Fort Smith 3d, Ozark 4th, Marshall 4th, Evening Shade 2d, loss $500, Freeman Springs 3d, Higden 4th.

MISCELLANEOUS DATA

Stations.	Pressure (Sea-level)					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville..	30.05	30.87	28	29.33	4	4,492	24	s.	3	.....	.....	61
Fort Smith...	30.12	30.90	28	29.39	4	6,470	36	w.	4	79	66	56
Little Rock	30.13	30.89	28	29.37	4	6,795	39	w.	4	71	56	57
Memphis....	30.13	30.88	28	29.42	4	6,507	48	sw.	4	81	64	55

COMPARATIVE DATA FOR DECEMBER

Year	Temperature				Precipitation		Number of days			
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Clear	Partly cloudy	Cloudy	Precip.01 or more
†Means and Extremes	42.1		88	−21	4.09		12	6	13	7
1891.....	46.9	+4.8	72	13	4.69	+0.60	14	7	10	7
1892.....	40.9	−1.2	83	− 7	8.79	+4.70	7	6	18	10
1893.....	45.4	+3.3	79	3	1.83	−2.26	14	8	9	5
1894.....	44.6	+2.5	82	−11	3.48	−0.61	14	6	11	6
1895.....	43.8	+1.7	78	5	3.96	−0.13	13	6	12	7
1896.....	45.8	+3.7	81	8	0.84	−3.25	8	7	16	8
1897.....	40.3	−1.8	86	10	6.00	+1.91	10	5	16	8
1898.....	39.5	−2.6	76	− 4	1.87	−2.22	16	6	9	5
1899.....	41.0	−1.1	74	8	4.08	−0.01	15	7	9	7
1900.....	44.9	+2.8	82	10	2.76	−1.33	16	6	9	6
1901.....	38.5	−3.6	87	− 6	4.42	+0.33	12	6	13	6
1902.....	40.8	−1.3	86	5	5.71	+1.62	10	6	15	8
1903.....	39.7	−2.4	74	6	3.44	−0.65	18	5	8	6
1904.....	42.9	+0.8	80	3	5.10	+1.01	12	7	12	7
1905.....	38.5	−3.6	70	7	4.96	+0.87	14	5	12	9
1906.....	46.5	+4.4	83	10	5.64	+1.55	8	7	16	8
1907.....	44.4	+2.3	85	11	2.70	−1.39	12	6	13	7
1908.....	45.0	+3.9	82	11	1.50	−2.59	13	7	11	5
1909.....	35.3	−6.8	82	1	5.26	+1.17	14	6	11	9
1910.....	40.8	−1.3	75	9	3.57	−0.52	13	6	12	6
1911.....	43.0	+0.9	78	3	7.00	+2.91	10	7	14	12
1912.....	41.7	−0.4	76	8	2.63	−1.46	14	7	10	7
1913.....	43.6	+1.5	77	14	3.26	−0.83	7	7	17	9
1914.....	36.1	−6.0	70	−11	6.26	+2.17	8	4	19	12
1915.....	43.9	+1.8	78	11	4.73	+0.64	12	4	15	7
1916.....	42.1	0.0	82	−16	3.35	−0.74	14	6	11	6
1917.....	34.8	−7.3	81	−21	1.29	−2.80	13	6	12	3
1918.....	47.6	+5.5	88	9	5.62	+1.53	14	5	12	7
1919.....	40.4	−1.7	78	1	1.94	−2.15	13	4	14	5
1920.....	43.2	+1.1	74	6	5.95	+1.86	13	5	13	8
1921.....	47.1	+5.0	82	11	2.78	−1.31	13	6	12	6
1922.....	47.8	+5.7	86	12	4.59	+0.50	12	5	14	9
1923.....	49.1	+7.0	80	9	6.24	+2.15	9	5	17	13
1924.....	41.4	−0.7	86	−8	3.65	−0.44	14	5	12	6
1925.....	40.2	−1.9	80	−6	1.71	−2.38	15	5	11	3

† Based on 30 years record.

Climatological Data for December, 1925

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	29	40.2	— 2.6	64	3†	10	28	34	0.29	—4.12	0.17	0	2	17	5	9	n.	G. C. Thrash.
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. J. Carpenter.
Arlberg	Stone	700	3	.....	.....	.....	.....	.....	.....	.....	2.00	.....	1.50	0	2	14	6	11	ne.	J. D. Reeves.
Batesville	Independence	277	26	36.9	— 3.7	69	11	6	28	41	0.83	—3.08	0.51	T.	2	15	0	16	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	33	37.9	— 4.3	65	11	4	28	32	1.51	—2.44	0.80	0.2	4	15	5	11	w.	J. E. Scanlan.
Bentonville	Benton	1303	20	35.7	— 1.8	65	12	1	27	31	0.38	—2.38	0.17	0.9	6	16	7	8	sw.	U. S. Weather Bure
Black Rock	Lawrence	259	23	.....	.....	.....	.....	.....	.....	.....	0.72	—3.03	0.56	0.2	3	14	1	16	.....	Vernon C. Howe.
Booneville	Logan	465	11	40.2	— 3.3	72	12	7	28	42	2.84	—0.01	1.50	0.3	4	18	2	11	w.	F. H. Randolph.
Brinkley	Monroe	205	38	42.7	— 0.7	72	3	9	28	39	1.26	—3.68	0.78	0.5	3	21	1	9	n.	H. L. D. Whitson.
Calico Rock	Izard	361	21	37.2	— 2.3	75	12	6	28†	47	1.48	—1.51	1.25	T.	3	10	9	12	nw.	W. J. Copp.
Camden	Ouachita	158	40	40.9	— 4.2	73	12	10	28†	41	3.18	—1.49	2.80	T.	4	10	8	13	ne.	A. B. Quarterman
Center Point	Howard	470	27	43.0	— 1.6	70	12	9	28	33	1.38	—2.87	1.01	0.2	5	15	4	12	ne.	John C. Floyd.
Clarendon	Monroe	200	21	.....	.....	.....	.....	.....	.....	.....	1.21	—3.80	0.91	0.7	4	10	8	13	n.	J. W. Bishop.
Clinton	Van Buren	516	4	.....	.....	.....	.....	.....	.....	.....	1.90	.....	0.70	0	3	13	10	8	w.	A. L. Stephens
Conway	Faulkner	399	42	40.4	— 1.8	71	11†	7	28	40	1.28	—2.86	0.62	0	3	18	5	8	s.	E. E. Cordrey.
Corning	Clay	293	32	40.0	+ 0.6	76	22	2	28	32	1.56	—2.39	1.20	3.6	2	21	8	2	nw.	Winfred D. Polk.
Dam No. 1 ‡‡	White	190	2	.....	.....	.....	.....	.....	.....	.....	0.97	.....	0.44	1.0	3	16	2	13	sw.	J. O. Yingling.
Danville	Yell	327	9	.....	.....	.....	.....	.....	.....	.....	2.67	—0.29	2.45	0	2	19	0	12	w.	C. P. Evans.
Dardanelle	Yell	330	39	41.9	— 0.3	71	11	8	28	36	1.90	—1.30	1.60	0	2	19	0	12	w.	J. D. Riley.
Dodd City	Marion	1175	42	33.1	— 6.1	70	13	0	28	38	0.40	—2.78	0.20	0.4	2	10	6	15	nw.	Neal Dodd.
Dumas	Desha	162	19	42.8	— 4.6	74	12	10	28	40	4.55	—0.81	2.95	T.	3	12	12	7	n.	Ben Johnson.
Dutton	Madison	1590	22	34.2	— 3.2	66	11	— 2	28	42	1.49	—1.94	0.73	0.2	5	12	7	12	s.	J. M. Ricketts.
El Dorado	Union	270	24	44.2	— 1.8	75	3	13	28	37	5.10	+0.44	4.25	0	4	9	11	11	sw.	J. J. Babb.
England	Lonoke	229	18	41.9[a]	— 1.3	72	3	9[b]	28	38[b]	1.22	—3.36	0.78	T.	4	17	5	9	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	25	37.8	— 1.4	68	7	— 1	28	31	0.90	—1.52	0.45	T.	5	17	7	7	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	340	3	38.8	.....	71	11	3	28	40	2.10	.....	1.70	T.	2	10	12	9	nw.	B. F. Graddy.
Fayetteville	Washington	1451	37	37.1	— 2.8	64	13	1	28	37	1.08	—1.53	0.37	T.	4	17	6	8	sw.	University of Arkan
Fort Smith	Sebastian	457	44	39.0	— 3.1	70	12	8	28	35	2.00	—0.88	1.01	0.3	7	14	5	12	e.	U. S. Weather Bure
Freeman Springs	Pope	2240	1	.....	.....	.....	.....	.....	.....	.....	2.09	.....	1.20	0.3	4	16	3	12	sw.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	1.54	—2.77	1.54	0	1	15	6	10	.....	T. J. Logan.
Georgetown	White	200	13	.....	.....	.....	.....	.....	.....	.....	0.87	—3.40	0.65	0.2	3	13	4	14	s.	W. R. Owens.
Gilbert	Searcy	675	2	.....	.....	.....	.....	.....	.....	.....	0.65	.....	0.62	0	2	13	7	11	.....	Ben F. Battenfield.
Grady	Lincoln	172	1	.....	.....	.....	.....	.....	.....	.....	2.10	.....	2.00	T.	2	17	5	9	.....	O. C. Des Jardin.
Grannis	Polk	900	7	39.8	.....	67	3	5	28	40	1.64	.....	0.84	0.3	4	23	2	6	n.	W. E. Mc Vay.
Gravette	Benton	1250	28	35.6	— 2.0	65	3†	— 3	28	43	0.58	—1.61	0.28	1.0	6	7	10	14	sw.	A. F. Stevens.
Harrison	Boone	1352	24	36.8	.....	70	12	0	28	38	1.05	—1.45	0.67	0	2	13	6	12	nw.	G. L. Wright.
Helena	Phillips	193	53	41.8	— 3.0	79	12	9	29	42	2.46	—2.48	1.80	0.8	5	17	0	14	nw.	James A. Burnett.
Higden	Cleburne	445	7	.....	.....	.....	.....	.....	.....	.....	2.00	.....	1.30	T.	5	14	5	12	n.	J. A. Ingram.
Hope	Hempstead	377	54	42.6	— 4.1	71	11	12	28	38	1.50	—2.84	0.94	T.	3	19	2	10	n.	N. P. O' Neal.
Hot Springs	Garland	600	34	41.3	— 4.9	70	12	7	28	35	1.38	—2.80	0.53	T.	4	16	5	10	.....	P. P. Patraw.
Huttig	Union	175	18	42.7[a]	— 6.1	73[b]	3	14[b]	28	34[b]	3.40	—1.55	....	0	.....	14[b]	6[b]	3[b]	n.	J. L. Collett.
Jonesboro	Craighead	345	30	39.8	— 1.2	81	8	6	28	43	0.70	—3.92	0.42	0.1	4	20	5	6	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	31	45.5	— 0.6	74	13	14	28	38	4.25	+0.48	3.83	0	2	24	4	3	ne.	J. A. Lowderback.
Lambrook	Phillips	155	3	40.2[b]	.....	73[b]	27	9[b]	28	51[d]	2.30	.....	2.00	0	2	19[d]	2[d]	6[d]	.....	G. A. Newton.
Little Rock	Pulaski	357	46	40.9	— 3.3	68	3	8	28	29	0.96	—3.28	0.91	0.1	4	15	4	12	s.	U. S. Weather Bure
Lutherville ‡‡	Johnson	775	26	38.0	— 3.2	64	12	5	28	30	2.30	—1.24	1.66	T.	3	17	3	11	w.	H. G. Lenhardt.
Mc Gehee	Desha	148	1	.....	.....	.....	.....	.....	.....	.....	4.62	.....	2.13	0	5	20	10	1	.....	P. T. Simons.
Magnolia	Columbia	315	6	48.8[j]	.....	74[b]	12	18[j]	28†	37[j]	2.70	.....	1.37	0	2	8[i]	7[i]	7[j]	n.	State Agri. School
Malvern	Hot Springs	277	38	41.2[c]	— 1.8	70[b]	12	9[c]	28	40[c]	1.65	—3.05	1.20	T.	2	16[b]	5[b]	8[b]	n.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	512	20	33.8	— 4.9	66	12	— 6	28	40	1.79	—1.29	1.63	T.	2	13	6	12	n.	F. M. Daniel.
Marianna	Lee	235	13	42.1	+ 0.1	71	3	9	28	34	0.96	—3.60	0.80	0	2	9	14	8	n.	C. N. Houck.
Marked Tree	Poinsett	229	20	37.4	.....	69	10	7	27†	34	0.96	—3.52	0.48	0.8	4	13	10	8	se.	Charles Walton.
Marshall	Searcy	1070	11	37.4	— 5.4	68	11	3	28	40	1.53	—2.10	1.08	0	2	15	3	13	n.	A. J. Park.
Mena	Polk	1185	38	39.0	— 3.6	68	13	6	28	36	1.05	—2.82	0.97	0	3	18	4	9	nw.	E. W. St. John.
Mountain Home	Baxter	800	11	37.0	— 2.7	71	12	1	28	42	1.82	—1.75	1.10	0	4	13	2	16	w.	B. S. Halbert.
Mount Ida	Montgomery	650	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. A. Whittington.
Murfreesboro	Pike	367	10	.....	.....	.....	.....	.....	.....	.....	1.59	—1.52	1.54	1.0	2	13	10	8	.....	Henry A. Davis.
Newport	Jackson	231	41	40.6	— 1.3	70	10†	7	28	37	0.46	—3.40	0.33	0.3	3	15[b]	4[b]	10[b]	s.	A. C. Wilkerson.
Osceola	Mississippi	240	27	41.4	— 1.4	71	11	6	28	36	0.71	—3.44	0.43	0.3	3	5	15	11	n.	June Thomason.
Ozark	Franklin	450	29	39.8[a]	— 1.4	80[a]	4	7[a]	28	45[a]	1.98	—1.26	1.05	T.	4	15[a]	4[a]	11[a]	nw.	Isham Burrow.
Patterson	Woodruff	196	9	.....	.....	.....	.....	.....	.....	.....	1.16	—2.84	0.60	1.0	3	18	0	13	n.	W. E. Baker.
Piggott	Clay	307	1	.....	.....	.....	.....	.....	.....	.....	1.30	....	1.10	0.2	3	14	3	14	sw.	H. H. Harlan.
Pindall	Searcy	1500	3	.....	.....	.....	.....	.....	.....	.....	1.16	.....	0.50	0	4	13	5	13	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	38	43.5	— 0.9	74	12	10	28	39	2.09	—2.88	1.75	0.1	4	18	2	11	n.	Miss Theresa Scheu
Pocahontas	Randolph	300	32	38.2	— 2.6	70	11	5	28	39	0.94	—2.70	0.70	0.5	3	16	2	13	s.	Benedicitine Sisters.
Portland	Ashley	122	19	45.7	— 1.7	76	12	12	28	39	2.79	—2.71	2.00	T.	3	10	10	11	n.	W. E. Edmiston.
Prescott	Nevada	329	37	42.3	— 3.4	75	12	9	28	40	0.42	—3.69	0.24	T.	2	18	4	9	n.	C. D. Calhoun.
Princeton	Dallas	287	19	.....	.....	.....	.....	.....	.....	.....	3.00	—2.34	2.45	0	2	13	4	14	.....	Foote Coleman.
Rison	Cleveland	243	24	43.2	— 2.3	72	12	10	28	36	2.38	—1.33	2.20	T.	2	15	8	8	ne	Mrs. M. V. Tisdale.
Rogers	Benton	1385	34	36.6	— 2.0	64	3†	0	28	40	0.13	—2.17	0.08	T.	4	12	8	11	nw.	Carl A. Starck.
Searcy	White	236	13	44.4	+ 1.9	68	13	10	28	31	0.20	—4.52	0.10	T.	2	19	4	8	n.	J. T. Bell.
Springbank ‡‡	Miller	240	17	.....	.....	.....	.....	.....	.....	.....	3.09	—1.76	2.74	0	2	20	0	11	.....	Miss Grace Field.
Story	Montgomery	700	1	.....	.....	.....	.....	.....	.....	.....	2.13	.....	1.56	0.1	4	18	4	9	n.	S. C. Story.
Stuttgart	Arkansas	228	38	41.6	— 2.0	71	3	9	27	32	1.57	—3.14	1.19	T.	3	13	10	8	s.	Adam F. Buerkle.
Subiaco	Logan	1050	27	43.2[a]	+ 1.0	69[a]	12	11[a]	22	45[a]	0.32	—2.66	0.30	0.1	2	16[a]	3[a]	11[a]	n.	New Subiaco Abbey.
Texarkana	Miller	332	39	43.5	— 3.3	75	12	13	28	39	1.50	—2.03	1.50	0	1	19	3	9	n.	H. S. Brashear.
Thornburg	Perry	350	1	39.8	.....	72	12	6	28	37	2.05	.....	1.50	3.5	4	19	1	11	w.	T. Y. Powell.
Waldron	Scott	675	6	.....	.....	.....	.....	.....	.....	.....	2.71	.....	1.67	3.0	3	12	6	13	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	29	42.2[d]	— 2.5	71[d]	12	11[d]	28	33[d]	3.70	—1.73	3.70	0	1	12[d]	5[d]	10[d]	n.	W. L. Shide.
Waters	Montgomery	800	1	.....	.....	.....	.....	.....	.....	.....	0.97	..	0.97	0	1	18	5	8	nw.	J. R. Huddleston.
Whitecliffs	Little River	290	21	.....	.....	.....	.....	.....	.....	.....	1.30	—2.59	1.30	T.	1	19	2	10	nw.	Nannie O. Schirmer
Wynne	Cross	250	17	40.0	— 1.8	69	3	8	28	35	0.66	—4.10	0.58	0.8	3	18	6	7	n.	E. O. Allen.
Yancopin	Desha	167	1	.....	.....	.....	.....	.....	.....	.....	3.33	.....	2.72	0.2	5	8	8	15	.....	W. E. Barton.
State Means and Extremes				40.2	— 1.9	81	8	— 6	28	51	1.71	—2.38	4.25	0.7	3	15	5	11	n.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. **T.** Less than inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡P office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No. 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for December, 1925

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Fort Smith	Arkansas	22	5.0	4.9	4.9	5.0	5.4	5.1	5.0	4.9	4.7	4.7	4.7	4.6	4.6	4.8	5.8	6.3	6.2	5.7	5.2	5.1	4.8	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.1	4
Dardanelle	do	20	3.0	3.0	2.8	2.6	3.5	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	4.5	5.4	5.5	5.0	4.5	4.2	4.0	3.7	3.5	3.5	3.4	3.3	3.2	2.9	2.7	2.4	2.1	1
Little Rock	do	23	1.9	1.6	1.3	1.2	1.0	1.8	1.9	1.7	1.4	1.2	0.9	0.6	0.4	0.6	1.6	4.7	5.3	4.8	3.9	3.4	3.0	2.5	2.4	1.8	1.2	0.6	0.5	0.5	0.4	-0.2	-0
Pine Bluff	do	25	6.9	6.5	6.2	6.0	5.8	5.9	6.4	6.3	6.2	6.0	5.8	5.5	5.2	5.2	5.2	6.4	9.0	9.5	8.9	7.9	7.6	7.3	7.0	6.6	6.1	5.7	5.3	5.0	4.7	4.5	4
Yancopin	do	29	22.2	21.5	20.7	20.0	19.4	18.8	18.2	17.9	17.6	17.4	17.2	17.0	16.8	16.9	16.6	16.3	16.3	17.1	17.2	16.9	16.6	15.5	14.7	14.0	13.2	12.3	11.5	10.5	9.9	9.3	8
Danville	Petit Jean	20	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	13.6	20.8	22.1	21.8	19.5	15.4	12.0	10.3	9.8	7.2	7.1	6.8	4.9	4.8	4.5	4.5	4.1	4

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	2.9	2.8	3.1	3.1	3.6	4.1	4.6	3.4	3.3	3.5	3.4	3.2	2.8	2.7	2.7	3.4	3.1	2.8	3.0	2.8	3.5	2.7	2.4	2.2	2.9	2.2	1.6	1.6	1.9	1.9	1.9
Batesville	do	23	9.3	8.6	8.9	9.7	10.6	10.3	10.8	10.1	9.3	9.5	9.3	9.3	8.9	8.7	8.3	8.3	9.0	8.8	8.6	8.7	9.0	8.7	8.4	8.1	8.1	8.2	7.2	6.7	7.0	6.9	7.3
Newport	do	26	11.2	10.9	10.5	10.0	10.5	11.5	12.5	12.9	12.4	11.8	11.4	11.0	10.6	10.2	9.8	9.0	9.0	8.9	8.7	8.5	8.1	8.4	7.8	7.4	6.8	6.7	6.4	5.7	5.1	5.0	4.8
Dam No. 1	Little Red	..	2.5	2.3	2.1	1.8	6.0	6.5	5.5	3.5	3.0	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.5
Georgetown	White	22	16.7	16 4	16.0	15.6	15.3	15.8	16.2	16.3	16.4	16.3	16.0	15.8	15.4	15.1	14.8	14.4	13.8	13.4	13.0	12.6	12.2	11.8	11.6	11.2	10.8	10.2	9.6	9.2	8.8	8.2	7.6
Clarendon	do	30	24.7	24.5	24.4	24.2	24.0	23.9	23.7	23.6	23.5	23.5	23.5	23.5	23.4	23.4	23.4	23.3	23 1	22.9	22.7	22.4	22.0	21.7	21.3	20.9	20.5	20.0	19.4	18.8	18.2	17.5	16.7
Gilbert	Buffalo	30	4.8	4.8	4.8	6.0	5.5	5.4	5.3	5.1	5.1	5.1	5.1	5.1	5.1	5.0	6.0	5.8	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5
Corning	Black	15	12.0	11.8	11.6	11.3	11.0	11.2	11.6	11.8	11.9	12.1	12.2	12.3	12.2	12.1	11.8	11.4	11 1	10.7	10.4	10.1	9.8	9.5	9.2	9.0	8.8	8.6	8.5	8.4	8.2	8.0	7.9
Black Rock	do	14	11.0	10.5	10.0	9.5	14.0	14.0	13.7	13.7	13.4	12.8	12.0	11.0	10.5	10.0	9.0	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.0	7.8	7.8	7.8	7.7	7.7	7.5	6.5	5.0
Patterson	Cache	9	7.3	7.4	7.6	7.9	8.2	8.4	8.7	9.0	9.0	8.8	8.5	8.2	8.0	8.0	7.9	7.7	7.6	7.5	7.4	7.2	7.0	6.9	6.8	6.7	6.5	6.3	6.1	6.0	6.0	5.9	5.8
Arkadelphia	Ouachita	18																															
Camden	do	30	10.9	10.7	10.2	10.0	10.0	9.1	9.6	9.5	9.1	8.9	8.7	8.4	7.4	7.4	7.8	13.7	17.9	18.4	17.4	15.9	15.1	14.7	14.0	13.2	12.4	11.3	8.9	7.8	7.0	6.9	6.8
Fulton	Red	28	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.3	7.2	7.1	7.4	7.7	7.9	8.2	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.1	7.0	7.0	7.0	6.9	6.8
Springbank	do	37	9.0	8.6	8.2	7.9	7.7	7.7	7.7	7.7	7.4	7.2	7.0	6.7	6.2	6.2	8.2	8.6	8.8	10.0	10.0	10.0	10.0	9.7	9.5	9.4	9.3	9.2	9.0	9.0	9.0	9.0	9.0
Whitecliffs	Little	28	1.8	1.7	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	2.8	3.4	3.0	4.2	4.0	3.8	3.2	2.4	2.4	2.0	2.0	2.0	1.8	1.8	1.8	1.8
Marked Tree	St. Francis	17	16.1	16.0	16.0	16.0	15.9	15.8	15.7	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.1	13.9	13.5	13.3	13.0	12.9	12.7	12.4	12.4	12.3	12.1	11.8	11.6	11.2	10.8	10.3	9.9
Helena	Mississippi	44	25.5	24.7	24.2	23.8	23.3	22.8	22.3	21.9	22.1	22.3	22.5	22.6	22.4	22.1	21.4	20.6	19.9	19.3	18.7	18.1	17.3	16.5	15.6	14.8	13.9	12 9	12.1	11.3	10.5	9.7	8.7
Arkansas City	do	48																															

Daily Precipitation for December, 1925

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.12									.17																			0.29
Arkadelphia	Ouachita																																
Arlberg	White			1.50										.50																			
Batesville	White			.51											.32								T.										2.00
Bee Branch	Arkansas			.80									.09	.60								.02											0.83
Bentonville	Arkansas		.03	.17									.08	.04							.05	.01	T.										1.51
Black Rock	White			.56										.15									.01										0.38
Booneville	Arkansas		T.	.38									.93	1.50								.03	T.										0.72
Brinkley	White			.46							T.			.78									.02										2.84
Calico Rock	White			1.25										.21								.02								T.			1.26
Camden	Ouachita			.34										2.80	.03																.01		1.48
Center Point	Red			.10	.02								1.01	.23												T.							3.18
Clarendon	White			.24								.02		.91									.04									.02		1.38
Clinton	White		.70	.66										.54																			1.90
Conway	Arkansas		.28										.38	.62																			1.28
Corning	White			1.20																		.36											1.56
Dam No. 1	White			.44									.43									.10											0.97
Danville	Arkansas			.22										2.45																			2.67
Dardanelle	Arkansas			.30										1.60																			1.90
Dodd City	White													.20	.20																		0.40
Dumas	Mississippi			.70									.90	2.95	T.								T.										4.55
Dutton	White		.05	.73									.35	.34	T.						T.		T.							T.			1.49
El Dorado	Ouachita			.75										4.25	.08	.02																	5.10
England	Arkansas			.19									.22	.78									.03										1.22
Eureka Springs	White		.05	.45									.05	.25							.10												0.90
Evening Shade	White	1.70												.40								T.	T.										2.10
Fayetteville	White			.25		T							25	.37								T.	T.										1.08
Fort Smith	Arkansas			.94	.08						T.			.79	.14						.01	.03	.01							T.			2.00
Freeman Sprgs.	Arkansas				.85	T.									1.20	.03						T.	.01										2.09
Fulton	Red													1.54	T.															T.			1.54
Georgetown	White				.20									.65									.02										0.87
Gilbert	White				.62	T									.03																		0.65
Grady	Arkansas		.10										2.00									T.											2.10
Grannis	Red				.36								.84	.41																	.03		1.64
Gravette	Arkansas			T.	.28	.08							T.	.07	06					T.	.04	.05											0 58
Harrison	White				.38									.67																			1.05
Helena	Mississippi				.50	.04					T.			1.80	.08							.04	T.										2.16
Higden	White			.27	1.30						T.		.16	.26								.01											2.00
Hope	Red			.09	.47								.94																				1 50
Hot Springs	Ouachita			.05	.28	T					T.		.53	.52									T.								T.		1.38
Huttig	Ouachita				.95									‡	‡	‡	2.45																3.40
Jonesboro	White				.42								.07	.20									.01										0.70
Junction	Ouachita				.42									3.85																			4.25
Lambrook	White				.30									2.00																			2.30
Little Rock	Arkansas			T.	.04								.81	.10									.01										0.96
Lutherville	Arkansas			.04	.60								1.66										T.										2.30
McGehee	Mississippi			.19	.26								2.00	2 13																			4.62
Magnolia	Red												1.37	1.33												.04							2.70
Malvern	Ouachita				.45									1.20								T.											1.65
Mammoth Spg.	White				1 65									.16									T.										1.79
Marianna	Mississippi				.16									.80																			0.96
Marked Tree	Mississippi				.39	.05								.48									.04	T.									0.96
Marshall	White				1.08							T.	.45																				1.53
Mena	Ouachita				.07	.01								.97																			1.05
Mountain Home	White			.31	1.10								.18	.25																			1.82
Mount Ida	Ouachita																																
Murfreesboro	Ouachita													1.54																.05			1.59
Newport	White					.33								.10										.03										0.46
Osceola	Mississippi				.25						T		.43										.03										0.71
Ozark	Arkansas		T.		.46								1.05	.41								T.	.06										1.98
Patterson	White				.46									.60									.10										1.16
Piggott	Mississippi		T.	1.10									.18									.02				T.							1.30
Pindall	White		.16	.42									.08	.50																			1.16
Pine Bluff	Arkansas		T.	.30	T.									1.75	.03								.01								T.		2.09
Pocahontas	White			.70										.17									.07										0.94
Portland	Ouachita			.59										2.00	.20								T.								T.		2.79
Prescott	Ouachita			.24										.18																	T.		0.42
Princeton	Ouachita					.55								2.45																			3.00
Rison	Ouachita			.18										2.20									T.										2.38
Rogers	Arkansas			.03	.05		T.						.03	.02						T.	T.	T.											0.13
Searcy	White				.10										.10								T.										0.20
Springbank	Red				.35						T.		T.	2.74	T.	T.																	3.09
Story	Ouachita			.21	.35								1.56									.01											2 13
Stuttgart	Arkansas			.19	.19						T.		1.19									T											1.57
Subiaco	Arkansas				T.								.30	T.								T.	.02										0.32
Texarkana	Red													1.50																			1.50
Thornburg	Arkansas				.20								1.50										.30	.05									2.05
Waldron	Arkansas				.74									1.67									.30							T			2.71
Warren	Ouachita												3.70	T.																			3.70
Waters	Ouachita												97																				0.97
Whitecliffs	Red													1.30																	T.		1.30
Wynne	Mississippi				.02	T.								.58									.06										0.66
Yancopin	Arkansas				.28									2.72	.27	.04							.02			T.							3.03

Precipitation is for 24 hours ending near sunset unless otherwise indicated * For 24 hours ending midnight. † For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch
‡ Precipitation included in the next following measurment.

Daily Temperatures for December, 1925

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	59	56	64	64	47	55	59	59	57	63	64	64	58	54	53	39	45	46	49	50	42	32	40	47	48	55	54	27	33	41	44	50.6
	Minimum	32	36	46	37	31	24	28	33	28	29	38	31	36	50	35	30	23	25	34	40	30	21	16	23	36	28	22	10	19	29	20	29.7
Batesville§§	Maximum	62	51	66	54	45	53	63	50	65	67	69	66	58	50	47	35	38	50	55	50	39	29	39	43	42	47	20	28	39	41	48	48.7
	Minimum	28	25	27	47	32	21	28	29	25	26	30	29	29	38	43	33	22	20	21	31	32	20	12	17	30	22	15	6	7	19	13	25.1
Bee Branch	Maximum	58	53	59	61	40	53	61	56	59	63	65	63	61	52	48	37	38	45	51	47	40	31	38	40	42	48	41	26	29	40	43	48.0
	Minimum	39	29	43	37	28	28	29	38	27	31	37	32	37	45	36	29	23	22	30	36	30	12	13	24	31	24	14	4	13	25	16	27.8
Bentonville	Maximum	55	58	63	49	36	43	60	41	62	64	60	65	60	52	36	40	41	50	48	43	30	24	41	46	37	40	17	25	28	37	45	45.0
	Minimum	29	38	49	28	23	24	36	32	31	38	40	37	41	36	27	26	27	24	32	30	18	13	15	33	26	17	1	1	11	21	16	26.4
Booneville	Maximum	62	56	66	64	44	61	69	59	64	70	69	72	65	54	54	37	45	50	53	48	38	30	49	50	48	56	50	27	29	42	44	52.4
	Minimum	34	39	46	36	30	22	29	30	25	29	39	30	38	48	30	30	24	24	32	38	28	16	14	26	29	24	18	7	15	22	18	28.1
Brinkley	Maximum	58	68	72	68	49	53	64	59	63	69	69	70	66	55	50	43	49	52	58	58	48	38	40	48	48	53	42	29	31	42	46	53.5
	Minimum	37	29	44	58	33	29	39	36	30	37	48	35	40	48	42	33	25	23	34	38	36	22	17	29	36	25	16	9	15	27	18	31.9
Calico Rock§§	Maximum	57	56	63	54	44	53	68	51	68	74	71	75	59	49	42	35	39	52	56	49	36	30	44	47	43	45	21	30	30	42	51	49.5
	Minimum	29	27	29	49	29	23	23	29	27	27	29	29	29	34	40	32	27	21	21	32	34	22	13	13	24	25	14	6	6	18	13	25.0
Camden§§	Maximum	65	57	72	49	51	59	62	65	64	69	71	73	57	54	47	43	50	50	57	58	39	37	45	53	53	63	32	29	34	45	49	53.3
	Minimum	33	34	35	47	35	22	23	33	29	29	30	33	42	45	34	24	24	25	35	35	26	16	16	26	26	26	10	10	10	23	24	28.5
Center Point	Maximum	66	58	67	65	48	60	62	65	61	67	67	70	61	56	54	42	50	48	52	50	44	32	42	49	53	61	53	28	33	43	46	53.3
	Minimum	46	40	47	35	30	27	38	40	31	40	43	43	49	50	36	28	26	30	34	37	32	20	15	30	33	31	23	9	20	25	26	32.7
Conway	Maximum	58	53	67	65	45	58	66	56	62	69	71	71	60	52	50	41	44	50	58	53	40	35	43	43	47	53	46	27	31	41	45	51.6
	Minimum	35	29	43	40	31	27	32	40	31	29	40	32	37	47	38	26	24	22	33	38	34	22	16	25	35	24	17	7	14	17	18	29.1
Corning	Maximum	48	40	57	61	61	42	53	53	39	55	60	66	60	55	47	38	35	44	55	52	56	76	58	43	39	40	33	30	29	36	42	48.5
	Minimum	30	36	36	50	30	27	33	30	28	32	42	49	39	47	38	32	32	22	34	36	35	44	40	28	30	22	20	2	8	18	26	31.5
Dardanelle	Maximum	64	57	60	57	45	50	67	58	61	66	71	64	64	60	59	58	59	58	61	60	52	52	47	56	59	43	41	26	34	43	49	55.0
	Minimum	32	34	37	38	30	24	31	32	28	30	42	38	36	30	29	31	30	29	32	34	25	24	27	30	29	27	20	8	12	17	28	28.8
Dodd City	Maximum	41	44	45	57	40	67	49	47	46	60	59	66	70	47	44	32	33	39	46	39	38	35	25	25	35	35	35	28	28	38	46	43.2
	Minimum	26	29	34	24	22	31	35	22	28	36	32	36	32	15	28	20	22	22	24	30	25	13	10	15	21	25	10	0	9	24	14	23.0
Dumas	Maximum	60	61	72	67	51	57	64	62	65	69	72	74	64	55	51	43	46	49	59	63	51	39	43	51	50	56	40	26	34	43	48	54.4
	Minimum	34	29	46	42	34	25	33	32	30	32	44	34	42	50	41	33	25	25	36	42	36	25	18	27	38	26	20	10	17	23	20	31.3
Dutton	Maximum	59	50	57	58	37	51	60	45	61	62	66	62	58	52	52	36	40	46	48	44	33	24	35	38	44	48	35	28	25	37	43	46.4
	Minimum	24	27	43	30	21	33	25	31	19	23	33	23	29	45	23	23	22	18	24	31	21	10	5	17	20	20	7	− 2	8	22	7	22.0
El Dorado	Maximum	67	61	75	60	52	55	62	66	63	65	66	70	73	59	53	59	63	58	57	60	56	38	41	54	54	65	57	30	35	45	47	57.0
	Minimum	40	36	52	40	34	19	29	30	33	30	30	36	38	36	32	28	26	24	37	43	35	27	18	31	47	31	26	13	20	30	26	31.5
England	Maximum	70	56	72	68	50	58	64	57	65	70	71	71	63	63	51	41	44	50	58	59	45	37	39	47	47	49	48	25	32	42	48	53.5
	Minimum	40	31	45	41	32	29	33	36	30	32	.....	.....	39	48	40	35	24	24	32	36	35	23	16	28	39	26	19	9	15	23	20	30.3
Eureka Springs	Maximum	58	58	62	58	37	47	68	49	63	65	63	66	59	49	46	40	46	53	54	46	35	27	44	48	44	44	30	29	29	41	49	48.6
	Minimum	28	34	47	30	21	24	40	33	32	43	45	42	44	43	24	24	28	23	32	33	19	12	13	30	23	22	5	− 1	10	20	16	27.1
Fayetteville	Maximum	62	58	50	51	38	44	62	51	61	62	62	54	64	60	53	39	43	51	51	49	37	26	41	46	45	42	31	24	28	38	47	47.4
	Minimum	38	36	31	31	24	28	39	38	24	34	44	38	42	41	21	24	28	34	22	32	22	12	12	33	24	27	6	1	12	21	13	26.8
Fort Smith	Maximum	59	48	66	48	43	59	63	49	61	67	63	70	53	55	38	39	42	47	51	44	34	28	46	51	43	54	28	26	29	41	41	47.9
	Minimum	40	40	47	35	31	28	35	35	29	36	46	35	43	38	30	30	31	28	33	34	26	17	18	28	29	27	11	8	20	27	22	30.2
Grannis	Maximum	57	55	67	64	57	59	60	62	62	66	66	65	60	59	54	46	48	47	50	48	49	37	41	51	54	62	52	38	31	44	45	53.4
	Minimum	37	35	43	33	27	28	20	35	38	31	34	34	42	40	28	24	20	25	28	26	25	15	11	18	20	22	12	5	15	22	22	26.3
Gravette	Maximum	52	56	65	60	38	47	61	52	64	65	61	65	60	52	51	42	43	50	48	47	37	27	42	46	45	40	29	26	29	40	46	47.9
	Minimum	21	29	50	32	22	16	25	29	21	25	39	26	35	45	24	25	29	18	24	35	21	13	8	32	24	19	5	− 3	1	10	8	23.2
Harrison	Maximum	51	51	62	54	38	50	65	54	64	69	65	70	62	47	43	35	44	54	52	46	40	25	48	50	47	42	31	23	28	39	47	48.3
	Minimum	29	25	43	32	23	28	28	36	27	31	39	34	31	41	31	25	25	19	29	36	23	13	10	30	25	23	6	0	10	24	12	25.4
Helena§§	Maximum	61	62	71	63	54	60	63	64	65	71	74	79	65	57	51	43	51	53	54	64	44	35	44	53	53	57	31	33	35	47	49	55.0
	Minimum	31	30	29	45	35	25	25	33	31	30	34	37	36	39	47	35	29	25	25	37	35	26	11	16	29	28	20	10	9	21	28	28.7
Hope	Maximum	65	55	70	66	49	61	63	64	63	66	71	71	55	56	56	55	50	47	50	51	46	40	40	51	56	62	44	26	34	43	46	53.9
	Minimum	36	37	48	38	33	24	35	33	30	33	41	33	49	50	37	33	24	25	30	37	34	24	15	27	35	31	15	12	19	27	22	31.2
Hot Springs	Maximum	60	51	63	65	46	58	63	60	61	68	69	70	60	52	51	40	49	49	53	46	40	32	43	43	51	59	46	31	31	46	46	51.8
	Minimum	39	35	45	37	32	27	35	36	33	33	42	37	39	48	35	31	25	26	32	37	31	22	16	27	36	27	19	7	17	27	22	30.8
Huttig	Maximum	64	66	73	46	56	55	52	57	57	64	72	72	.....	.....	.....	.....	.....	.....	.....	.....	45	41	50	50	54	62	60	44	36	45	47	55.1
	Minimum	37	38	50	43	30	24	32	34	33	32	41	37	.....	.....	.....	.....	.....	.....	.....	.....	27	29	18	20	25	28	26	14	20	31	29	30.3
Jonesboro	Maximum	53	50	65	64	42	51	52	81	59	64	66	64	54	50	49	38	38	44	53	52	48	34	38	47	45	45	33	24	29	39	40	48.9
	Minimum	35	38	38	40	32	35	40	38	33	37	47	37	37	41	37	32	32	25	31	37	33	20	15	33	32	29	15	6	12	26	16	30.7
Junction	Maximum	68	70	73	62	52	56	63	67	64	65	67	72	74	60	54	60	62	59	64	63	54	59	63	61	57	64	64	39	42	45	48	60.4
	Minimum	34	35	43	41	35	20	30	32	34	30	31	37	39	37	32	29	27	25	33	36	31	28	31	33	29	26	26	14	18	27	25	30.6
Little Rock	Maximum	56	52	68	66	47	55	62	56	62	66	67	67	55	52	47	35	43	47	54	53	38	30	41	49	47	52	31	24	30	41	44	49.6
	Minimum	41	34	47	39	32	27	37	40	34	37	47	41	46	47	32	31	27	29	36	36	28	22	18	30	35	29	12	8	20	29	26	32.2
Lutherville	Maximum	57	53	57	61	41	54	60	55	57	63	59	64	58	53	52	34	42	47	49	47	36	31	40	42	44	48	41	22	27	38	37	47.4
	Minimum	30	35	44	35	26	21	33	27	28	37	44	36	42	48	30	28	26	25	32	34	28	15	14	25	30	25	14	5	14	25	20	28.6
Magnolia	Maximum	67	65	72	69	68	72	60	66	61	68	72	74	59	61	64	47	50	48	55	.....	.....	.....	.....	.....	.....	.....	.....	30	34	44	47	58.8
	Minimum	42	45	55	33	34	35	46	44	40	42	53	44	45	50	46	38	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	18	27	23	38.7
Malvern	Maximum	60	54	68	69	49	.....	.....	62	64	68	69	70	62	55	52	42	49	50	55	55	48	35	44	43	52	59	51	39	31	45	48	53.4
	Minimum	37	31	46	40	34	.....	.....	.....	29	28	39	31	34	49	38	32	23	25	32	38	33	24	15	23	38	24	21	9	17	27	20	29.0
Mammoth Spg.§§§	Maximum	50	51	60	52	36	52	63	46	60	64	65	66	49	50	44	43	36	45	50	48	46	26	38	47	39	36	17	25	29	37	42	45.5
	Minimum	27	23	24	46	28	23	26	26	21	24	28	27	30	33	29	30	23	18	18	28	31	16	11	15	23	27	9	− 6	− 4	13	12	22.0
Marianna	Maximum	55	53	71	68	50	62	60	56	62	67	70	70	64	63	51	45	44	49	64	60	58	40	41	51	49	49	47	40	32	39	45	54.0
	Minimum	37	29	40	41	34	28	27	37	30	36	46	36	38	37	43	35	27	24	33	37	35	22	16	28	27	26	18	9	15	28	18	30.2
Marked Tree §§	Maximum	48	66	57	41	50	57	49	59	65	69	64	54	48	45	37	46	44	53	54	40	28	38	48	41	45	20	21	28	39	48	47	46.7
	Minimum	32	33	44	34	31	34	37	31	31	36	35	37	40	44	35	27	26	27	35	36	26	16	18	29	25	15	7	7	19	15	16	28.1
Marshall	Maximum	57	56	59	55	39	53	66	57	66	66	68	62	55	45	32	37	50	54	47	40	28	42	46	43	43	36	23	29	37	36	44	47.5
	Minimum	30	31	44	37	26	28	35	40	26	32	31	37	43	30	28	24	24	35	32	28	15	13	28	29	23	15	13	3	26	25	14	27.3
Mena	Maximum	63	52	64	47	45	47	55	52	62	64	61	65	68	57	46	46	47	50	49	44	35	28	41	44	45	62	45	28	29	42	42	49.2
	Minimum	35	38	44	36	29	24	44	35	30	35	42	35	38	44	27	26	25	25	32	36	25	17	13	30	29	24	14	6	15	25	20	28.8
Mt. Home	Maximum	56	55	59	58	40	54	70	68	67	70	70	71	52	47	48	34	40	50	57	46	41	28	45	49	42	41	26	29	28	41	42	49.2
	Minimum	31	26	41	32	24	23	29	28	25	31	38	30	35	38	28	25	24	20	28	35	24	13	10	25	27	22	7	1	11	23	12	24.7
Newport	Maximum	55	49	68	67	45	54	63	52	63	70	70	69	60	53	51	40	41	49	55	50	50	37	41	41	47	50	41	26	30	40	48	50.8
	Minimum	39	29	40	41	29	26	35	36	28	33	46	32	37	41	38	34	35	23	31	40	30	21	16	29	35	36	15	7	14	26	17	30.3
Osceola	Maximum	56	54	61	63	46	55	64	57	65	70	71	70	60	52	51	52	52	52	55	56	50	39	40	47	45	44	40	30	30	32	52	51.8
	Minimum	36	28	39	43	31	28	36	37	29	35	47	35	39	45	42	35	25	24	33	40	34	20	13	29	35	39	14	6	17	25	15	30.9
Ozark	Maximum	60	47	60	80	45	55	64	54	60	67	65	66	59	56	54	.....	45	49	51	45	38	32	34	46	45	54	38	24	26	44	44	50.2
	Minimum	34	39	43	35	29	21	21	35	45	46	41	40	36	50	31	.....	25	25	32	35	27	17	15	30	30	24	15	7	11	21	18	28.3
Pine Bluff	Maximum	63	57	73	68	53	65	65	64	67	72	72	74	59	53	50	41	50	50	60	50	48	39	47	51	52	60	46	31	34	45	49	55.1
	Minimum	39	35	37	41	33	26	38	37	29	38	46	36	41	49	40	34	25	26	34	35	34	26	17	27	40	27	20	10	19	27	24	31.9
Pocahontas	Maximum	56	52	61	63	40	64	61	53	65	67	70	68	58	50	48	40	37	47	52	46	45	31	35	43	42	38	30	29	27	42	48	48.6
	Minimum	35	27	36	40	29	25	30	40	26	32	42	32	35	38	40	32	24	21	29	37	31	18	12	27	32	29	10	5	12	25	15	27.9
Portland	Maximum	66	62	75	72	54	60	62	60	65	70	74	76	66	67	56	46	45	47	61	68	56	42	46	61	56	64	54	27	36	44	46	57.5
	Minimum	36	32	48	44	36	24	36	32	36	31	45	39	45	54	44	35	28	28	39	41	36	29	18	26	46	27	25	12	20	30	28	33.9
Prescott	Maximum	64	59	71	61	58	61	64	61	63	65	70	75	73	62	52	44	50	49	54	55	46	36	39	44	53	54	41	30	35	43	46	54.1
	Minimum	39	34	42	42	33	44	34	34	31	30	35	35	39	40	37	32	24	25	31	40	32	24	15	20	30	29	18	9	16	27	24	30.5
Rison	Maximum	61	55	71	68	51	59	62	60	63	68	71	72	65	56	51	43	47	50	57	59	54	40	45	46	58	56	53	30	36	44	48	54.8
	Minimum	39	33	45	42	33	25	38	36	31	33	43	36	43	49	41	34	24	28	34	40	35	26	17	16	29	28	22	10	17	28	24	31.6
Rogers	Maximum	57	59	64	59	37	47	62	51	63	63	63	64	61	54	49	38	43	50	51	46	34	26	41	46	44	44	28	27	29	40	49	48.0
	Minimum	27	30	50	32	23	25	29	35	23	27	43	29	34	41	20	25	30	20	26	34	23	14	11	27	25	23	6	0	10	21	11	25.1
Searcy	Maximum	58	55	67	67	64	55	60	62	61	67	67	67	68	65	62	60	62	50	55	51	50	42	39	44	49	45	48	40	39	41	45	55.0
	Minimum	34	32	51	50	40	30	36	34	34	36	40	50	52	48	42	40	40	28	30	45	40	27	21	25	28	29	20	10	12	20	22	33.7
Stuttgart	Maximum	57	57	71	65	57	55	64	58	61	66	59	68	62	54	51	44	44	49	55	58	53	43	42	47	48	51	25	25	31	40	45	51.8
	Minimum	29	46	50	31	28	37	35	32	35	46	35	40	40	44	33	25	25	35	39	36	33	19	27	35	28	19	9	11	20	20	27	31.3
Subiaco	Maximum	64	61	51	64	60	61	66	55	63	68	68	69	68	62	55	38	46	50	50	50	37	35	43	50	49	56	43	61	63	64	....	55.7
	Minimum	35	37	37	45	29	27	30	37	31	33	46	36	35	40	30	30	28	26	31	36	29	11	15	25	30	28	16	16	32	36	....	30.6
Texarkana	Maximum	70	61	71	64	50	63	68	68	65	69	70	75	61	60	54	46	53	50	54	54	42	35	47	52	54	64	50	34	39	47	54	56.2
	Minimum	36	40	51	40	32	24	38	34	32	35	41	34	42	30	34	30	24	26	31	40	31	22	16	29	29	28	26	13	21	22	24	30.8
Warren	Maximum	63	....	....	....	....	51	61	61	61	65	70	71	63	54	53	43	46	47	56	60	56	38	43	53	52	59	53	26	35	43	41	52.7
	Minimum	40	....	....	....	....	30	39	34	35	33	47	38	41	40	42	34	26	26	31	39	35	27	18	25	44	28	23	11	19	30	24	31.8
Wynne	Maximum	53	52	69	66	45	54	64	54	53	67	68	67	64	58	51	41	45	49	54	54	50	35	40	50	46	49	32	26	29	36	46	50.6
	Minimum	36	27	39	41	32	26	34	33	27	32	46	32	40	44	40	34	26	23	32	36	35	22	15	28	31	26	15	8	9	27	17	29.5

§§ Instruments are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

ARK

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Metorologist

VOL. XXX LITTLE ROCK, ARK, YEAR 1925 No. 13

GENERAL SUMMARY

The dry weather which characterized the year 1924 continued through 1925, and while the annual amount does not show so great a departure from the normal as occurred in 1924, the first six months of the year were the driest of any year since state wide records have been kept in Arkansas. During the period from January 1st to June 30th the average precipitation for the State was only 14.32 inches, which is 11.87 inches below normal and approximately three inches less than ever previously measured during the same months.

Normally Arkansas recieves considerably more than 50% of the annual rainfall during the first six months of the year, May being the wettest month and October the driest, but in 1925 May was the driest month of the year and with one exception the driest on record, while October was the wettest of the year and with but one exception the wettest on record. Approximately one third of the annual precipitation occurred during the first six months of the year and two thirds during the latter.

As is often the case during years with deficient rainfall, the temperature averaged considerably above normal. January was practically normal with regards temperature, but February, March, and April were unusually warm. Vegetation started growing early and fruit was damaged in northwestern counties by frost and freezing weather near the middle of March. All farm work started early in the spring and continued unabated, crops being planted, cultivated, and matured much in advance of the average year. May was cool, but June, July, August, and September were warm. October, November, and December were cold, the coldest weather of the year occurring in most sections of the State on December 28th, but the low means of the last three nonths did not offset the excess in temperature previously accumulated and the year closed with an annual mean of 63.0° or 2° above normal, 1925 being next to the warmest year on record.

Although the dry weather of the spring interfered somewhat with the preparation of land for planting and serioulsy damaged corn, strawberries, meadows, and pastures, the cotton crop did not suffer; in fact the dry weather kept grass from growing so rapidly as it usually does and farmers were able to keep clean and well cultivated an unusually large acreage of cotton at a much less expense than is necessary during a spring and summer of average rainfall. The hot, dry weather also held boll weevil in check and damage from weevil and worms was not large during 1925.

The weather during the fall months was almost disastrous for the farmers in Arkansas. Early in September an unprecedented heat wave caused cotton to shed and open prematurely and with the acreage and production above normal, labor scarce, and rainfall near the heaviest on record, picking cotton and harvesting rice soon became matters of serious import. The rains continued, cotton sprouted in the boll and rice in the shock, cotton bolls rotted, and in some sections in order to get the cotton crop out of the field it became necessary to gather and thresh the bolls. When the crop was ready for market the quality was inferior and the price low.

W. C. H.

WEATHER BY MONTHS

January:- Moderate winter weather prevailed during the first two decades of January with colder weather the last week of the month, temperatures being somewhat below zero at a few northern and northeastern stations and 18° to 20° to the southern border. Frequent freezing and thawing weather damaged oats in some localities, but snow which fell the latter part of the month remained on the ground for a few days in northern counties, making conditions more favorable. Rainfall was deficient, the soil being too dry for plowing in some southern counties.

February:- With but one exception this was the warmest February on record in Arkansas. The mean temperature was 7.1° above normal, the first decade being unusually warm, temperatures 20° to 22° above normal being of common occurence. The warm weather was favorable for all outdoor work. Fruit buds began developing, much plowing was done and wheat, oats, rye, meadows, and pastures made excellent progress throughout the month.

March:- March was warm and dry. With the exception of a few days the first of the month and again about the middle, temperatures were almost continually above normal. The average precipitation was 1.69 inches which is with but three exceptions the least for this section during the month of March and at numerous stations the monthly totals were the lowest on record for March. The weather was very favorable for farm work except too dry in some southern localities. The close of the month found cotton planting in progres and corn planting nearing completion in most southern and central sections. Killing frost on the 15th damaged peaches and plums in the northwestern counties.

April:- Like the preceding month, April was warm and dry, the mean temperature being near the highest April mean on record and the average precipitation near the least. The last three or four days of the month were cold, a temperature of 28° being recorded at Gravette. This cool weather damaged fruit and hurt cotton. Farm work made excellent progress throughout the month, cotton planting progressing rapidly and by the middle of the month good stands were reported in most southern and central sections. Corn planting was practically completed. All fields were clean at the close of the month, but in southern and southeastern counties the weather was too dry for oats, meadows, and pastures, and the strawberry crop was seriously damaged.

May:- The dry weather which characterized the first four months of the year continued through May, the May average being one of the least on record. The State experienced a wide range in temperature during the month, 102° at Helena on the 30th equalling the highest on record for May and 26° at Dutton on the 1st being within 2° of the lowest. Although the weather was too dry for corn, oats, meadows, and pastures, the cotton crop made excellent progress except in a few localities where it was too dry for germination. At the close of the month cotton chopping was well along throughout the State and all farm work ahead of the average season.

June:-During June the rainfall was only 50% of the normal amount and the temperature averaged 5.5° above normal, this being one of the warmest Junes on record. Abundant rains fell in some southwestern, northern, and northwestern localities, but in many eastern and southern counties the drought continued severe. Cotton was damaged slightly in the southeast and all other crops seriously. Elsewhere cotton made good to ex-

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cellent progress, fields were clean, and at the close of the month squares and blooms were plentiful. Very few weevil were reported. Rice was in good condition where irrigated, but water in the wells was low, making pumping expensive. All streams of the State continued at low stages during the month.

July:- The drought which characterized the first six months of the year was broken by moderate rains during July, however the geographical distribution of the July rains was very irregular, Corning reporting only 0.59 inch while Grannis measured 10.41 inches. These rains were very beneficial and while early corn was seriously in some sections, late corn made very good progress and other crops improved rapidly following the rains. Conditions continued favorable for cotton, damage from weevil and worms being slight, and at the close of the month the crop was in excellent condition and bolls were opening in the southern counties.

August:- Precipitation was light during August, less than 50% of the normal rainfall occurring, and despite the fact that July's precipitation was over an inch above normal the State as a whole was very dry at the close of the month. The weather during the first three weeks of the month was favorable for all crops, but during the last week hot winds damaged the cotton crop seriously. Much of the August crop dropped off, the plants stopped blooming, and in some sections bolls began opening prematurely. Late corn was badly injured except in a few northwestern localities where rainfall was more abundant.

September:- September was marked by unusually high day temperatures and high monthly means. The mean temperature for the State was 80.5° which is the highest September mean on record, and 113° at Helena on the 6th is the highest temperature on record for the month. The weather for the month was unfavorable for most crops. The extremely high day temperatures of the first decade caused much cotton to open prematurely and the rains the latter portion of the month delayed picking. The warm rainy weather caused some seed to sprout in the boll.

October:- The month was one of the coldest and wettest on record, precipitation averaging 4.73 inches above normal and temperatures 3.6° below. Killing frosts or freezing temperature occurred in practically all portions of the State on the 28th, 13° being recorded at Dutton on the 31st. The heavy rains brought all streams to moderately high stages and considerable damage resulted in the lowlands, a conservative estimate of the loss from high water being $185,000. As a whole the month was very unfavorable for harvesting.

November:- November was more favorable for harvesting than October. After the first week showers were less frequent and much cotton was picked and corn gathered. Rice harvesting was delayed more by the rains than cotton picking. Six to ten inches of rain fell in southern and southeastern counties on the 4th and 5th of November. Considerable damage resulted, but fortunately most crops in that section of the State were already harvested and the loss was correspondingly reduced.

December:- The first half of the month was warm, but during the latter half daily means were almost uniformly below normal. A cold wave occurred on the 28th giving temperatures zero to 6° below at several northern stations and 13° to the southern border, the lowest temperatures of the year occurring at most stations. There were only three rainy days during the month and the monthly total precipitation was one of the least on record. The weather was generally favorable for all farm and outdoor work, cotton picking, ginning, and rice threshing being nearly completed at the close of the month. Winter grains were in good condition, but the acreage small.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation		Number of days			
	Monthly average	Departure	Highest	Lowest	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means and Extremes	**61.0**		**116**	**-29**	**47.93**		**1 7**	**98**	**100**	**84**
1891	60.5	−0.5	108	6	44.49	− 3.44	180	94	91	94
1892	60.0	−1.0	106	−14	57.75	+ 9.82	159	98	109	98
1893	60.7	−0.3	103	−13	47.91	− 0.02	185	95	85	75
1894	61.3	+0.3	108	−22	49.05	+ 1.12	176	97	92	75
1895	59.8	+1.2	105	−17	44.69	− 3.24	167	92	106	83
1896	63.0	+2.0	112	4	38.02	− 9.91	171	97	98	79
1897	62.4	+1.4	111	− 2	46.52	− 1.41	178	96	91	76
1898	61.4	+0.4	108	− 4	56.83	+ 8.90	159	105	102	89
1899	60.6	−0.4	112	−25	41.49	− 6.44	170	105	90	76
1900	62.0	+1.0	108	− 5	49.03	+ 1.10	150	120	95	92
1901	61.1	+0.1	116	− 6	35.28	−12.65	175	111	79	65
1902	60.4	−0.6	108	− 2	51.70	+ 3.77	150	121	94	81
1903	59.3	−1.7	105	−12	44.62	− 3.31	162	107	96	84
1904	60.5	−0.5	105	− 5	43.45	− 4.48	169	112	85	78
1905	59.5	−1.5	106	−29	63.65	+15.72	146	107	112	103
1906	60.2	−0.8	101	− 7	56.97	+ 9.04	156	96	113	95
1907	61.7	+0.7	113	− 8	49.71	+ 1.78	163	91	111	86
1908	62.1	+1.1	103	0	48.88	+ 0.95	158	100	108	92
1909	62.1	+1.1	111	−19	44.05	− 3.88	173	93	96	83
1910	61.0	0.0	105	−13	45.21	− 2.72	172	109	84	84
1911	62.9	+1.9	107	− 9	49.53	+ 1.60	152	117	96	95
1912	59.8	−1.2	106	−16	45.83	− 2.10	171	110	85	81
1913	61.6	+0.6	108	− 1	54.01	+ 6.08	158	107	100	89
1914	61.4	+0.4	110	−11	42.85	− 5.08	149	109	107	82
1915	60.6	−0.4	107	− 3	53.08	+ 5.15	163	81	121	82
1916	61.9	+0.9	107	−16	42.18	− 5.75	191	76	99	75
1917	59.2	−1.8	106	−21	40.72	− 7.21	187	74	104	75
1918	61.4	+0.4	115	−23	44.64	− 3.29	174	76	115	75
1919	61.6	+0.6	113	−10	54.52	+ 6.59	166	75	124	91
1920	60.7	−0.3	105	− 2	54.28	+ 6.35	174	74	118	90
1921	64.2	+3.2	107	− 3	47.46	− 0.47	178	85	102	83
1922	62.7	+1.7	111	7	46.50	− 1.43	170	83	112	87
1923	61.6	+0.6	109	2	59.85	+11.92	160	82	123	102
1924	60.1	−0.9	110	− 8	37.03	−10.90	193	68	105	74
1925	63.0	+2.0	113	− 6	42.19	− 5.74	184	81	100	74

KILLING FROSTS, 1925

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	.....	*Oct. 30	...	Jonesboro	Mar. 3	Oct. 30	241
Arkadelphia	Mar. 15	Oct. 30	229	Junction	Mar. 3	*Nov. 9	250
Arkansas City	Mar. 3	Oct. 30	241	Lambrook	Mar. 28	*Oct. 20	206
Arlberg	Mar. 15	Oct. 29	221	LITTLE ROCK	Mar. 15	Oct. 30	229
Batesville	Mar. 28	Oct. 31	217	Lutherville	Mar. 15	Oct. 20	219
Bee Branch	Mar. 28	Oct. 20	206	Magnolia	†Mar. 3	Oct. 31	242
Bentonville	Mar. 19	Oct. 10	205	Malvern	†Mar. 3	Oct. 31	242
Black Rock	†Mar. 15	Oct. 30	229	Mammoth Spring	Mar. 16	Oct. 19	217
Booneville	.....	Oct. 30	...	Marianna	Mar. 3	*Oct. 20	231
Brinkley	Mar. 15	Oct. 31	230	Marked Tree	Mar. 15	Oct. 20	219
Calico Rock	Mar. 30	Oct. 10	194	Marshall	Mar. 15	Oct. 10	209
Camden	Mar. 15	Oct. 20	219	Mena	†Mar. 3	Oct. 30	241
Centerpoint	Mar. 3	*Oct. 30	241	Morrillton	†Mar. 28	.... ..	...
Clarendon	Mar. 15	Oct. 20	219	Mountain Home	†Mar. 28	Oct. 10	196
Clinton	Mar. 4	Oct. 10	220	Mount Ida	Mar. 20	Oct. 31	225
Conway	Mar. 15	Oct. 30	229	Murfreesboro	Mar. 5	Oct. 31	242
Corning	Mar. 16	Oct. 20	218	Newport	†Mar. 16	Oct. 29	227
Dam No. 1	†Mar. 27	Oct. 20	207	Osceola	†Mar. 16	Oct. 20	218
Danville	Mar. 15	Oct. 20	219	Ozark	Mar. 3	Oct. 31	242
Dardanelle	†Mar. 4	Oct. 20	230	Patterson	Mar. 15	Oct. 28	217
Dodd City	.....	*Oct. 10	...	Piggott	Mar. 16	Oct. 20	218
Dumas	Mar. 3	Oct. 20	231	Pindall	Mar. 15	Oct. 10	209
Dutton	Mar. 28	Sept. 30	186	Pine Bluff	Mar. 15	Oct. 31	220
El Dorado	Mar. 3	*Oct. 30	241	Pocahontas	Mar. 3	Oct. 29	240
England	Mar. 3	Oct. 31	242	Portland	Mar. 3	*Nov. 9	250
Eureka Springs	Mar. 19	Oct. 10	205	Prescott	Mar. 3	Oct. 31	242
Evening Shade	.....	Oct. 20	...	Princeton	Mar. 28	Oct. 18	204
Fayetteville	Mar. 28	Oct. 10	196	Risou	†Mar. 15	Oct. 30	229
Fort Smith	Mar. 15	Oct. 30	229	Rogers	†Mar. 28	Oct. 20	206
Freeman Spr.	Apr. 30	Oct. 10	163	Searcy	†Mar. 15	Oct. 30	219
Fulton	Mar. 15	Oct. 30	230	Springbank	Mar. 15	Nov. 9	230
Georgetown	Mar. 15	Oct. 20	219	Story	Mar. 18	Oct. 20	216
Gilbert	May. 2	Oct. 20	171	Stuttgart	Mar. 3	Oct. 19	230
Grannis	Mar. 15	Odt. 20	219	Subiaco	†Mar. 15	Oct. 31	230
Gravette	Apr. 30	Sept. 30	153	Texarkana	†Mar. 15	Oct. 31	230
Harrison	.....	Oct. 9	...	Thornburg	.....	Oct 30	...
Helena	Mar. 6	Oct. 20	228	Waldron	Mar. 15	Oct. 31	230
Higden	Mar. 3	Oct. 31	242	Warren	†Mar. 15	Oct. 31	230
Hope	†Mar. 15	Oct. 31	230	Whitecliffs	Mar. 15	Oct. 31	230
Hot Springs	†Mar. 3	Oct. 31	242	Wynne	Mar. 3	Oct. 30	241
Huttig	Mar. 3	*Nov. 9	250	Yancopin	Mar. 3	Oct. 30	241

†No killing frost recorded; last freezing temperature in spring.
*No killing frost recorded; first freezing temperature in autumn.

Climatological Data for Year, 1925

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall, unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Amity	Clark	700	26		104	June 28†			30											
Arkadelphia	Clark	250							29	40.60	8.71	July	0.60	Aug.	0.5	70	131	32	202	n.
Arkansas City	Desha	145							41	41.63	7.22	Nov.	0.39	Apr.	T.	82				s.
Arlberg	Stone	700							3	52.73	13.50	Sept.	0.80	May	3.2	67	155	126	84	ne.
Batesville	Independence	277	19	60.0	107	Sept. 6†	5	Jan. 28†	26	40.59	9.33	Oct.	0.56	May	2.0	92	167	39	159	e.
Bee Branch	Van Buren	250	32	61.4	108	Sept. 7	4	Dec. 28	33	47.09	9.44	Sept.	0.45	May	1.2	74	164	102	99	n.
Bentonville	Benton	1303	20	58.8	100	Sept. 7†	1	Dec. 27†	20	35.27	5.79	Sept.	0.34	Mar.	7.6	89	213	81	71	
Black Rock	Lawrence	259							23	48.29	11.56	Oct.	0.72	Dec.	2.9	99	203	25	137	
Brinkley	Monroe	205	38	64.8	109	Sept. 6	9	Dec. 28	38	39.54	7.49	Oct.	0.55	Apr.	0.9	77	221	63	81	s.
Calico Rock	Izard	361	11	59.8	108	Sept. 8	− 1	Jan. 28†	21	42.96	9.43	Oct.	1.33	Mar.	3.5	103	124	150	91	s.
Camden	Ouachita	158	34	64.0	109	Sept. 6	10	Dec. 28	40	39.10	8.29	Nov.	0.50	June	T.	80	177	66	122	s.
Center Point	Howard	470	22	65.4	107	Sept. 6†	9	Dec. 28	26	40.45	8.44	Oct.	0.12	Aug.	0.7	79	169	95	101	se.
Clarendon	Monroe	200							21	37.87	7.21	Oct.	0.29	June	4.1	93	134	78	153	n.
Clinton	Van Buren	516							4	47.94	13.89	Oct.	0.65	May	1.0	59	178[1]	100[1]	75[1]	s.
Conway	Faulkner	309	27	63.4	107	Sept. 7	7	Dec. 28	42	38.24	8.33	Oct.	0.74	Aug.	1.5	74	226	82	57	s.
Corning	Clay	293	25	61.9	107	Sept. 4†	2	Jan. 28†	32	50.55	11.05	Sept.	0.59	July	10.8	58	240	54	71	nw.
Dam No. 1‡‡	White	190							2	41.64	7.88	Oct.	0.97	Dec.	2.0	56	226	38	101	sw.
Danville	Yell	327							9	50.01	9.93	Sept.	0.71	Mar.	5.5	63	198	0	167	s.
Dardanelle	Yell	330	13	63.8	105	Sept. 9	8	Dec. 28	39	44.79	10.46	Sept.	0.94	May	1.0	55	224	4	137	w.
Dumas	Desha	162	11	64.9	109	Sept. 8	10	Dec. 28	19	51.26	10.58	Nov.	0.61	Apr.	T.	96	124	165	76	s.
Dutton	Madison	1590	12	56.8	101	Sept. 7	− 2	Dec. 28	22	50.89	10.18	Oct.	1.30	Mar.	2.2	87	176	117	72	s.
El Dorado	Union	270	21	67.0	106	Sept. 6†	13	Dec. 28	24	54.77	11.97	Nov.	0.08	Aug.	0.0	82	118[f]	138[f]	103[f]	sw.
England	Lonoke	229	12	63.8	108	Sept. 6†	9	Jan. 28†	18	37.62	8.79	Oct.	0.27	Aug.	3.5	.....	182[k]	79[k]	93[k]	s.
Eureka Springs	Carrroll	1465	24	60.3	102	Sept. 4†	− 1	Dec. 25	25	42.98	7.15	Apr.	0.50	Mar	7.4	90	161	141	63	n.
Fayetteville	Washington	1451	34	60.0	101	Sept. 7	1	Jan. 28†	38	26.95	5.74	Sept.	0.26	Mar	5.5	51	232[a]	39[a]	93[a]	sw.
Fort Smith	Sebastian	457	44	62.8	104	Sept. 7	8	Dec. 28	44	36.05	7.52	Sept	0.76	Aug	1.2	94	143	114	108	e.
Fulton	Hempstead	260							39	36.58	5.21	Nov.	1.41	Mar.	0.8	64	159[i]	74[i]	101[i]	
Georgetown	White	200							13	39.27	7.25	July	0.65	Aug	3.0	77	177	44	144	s.
Gilbert	Searcy	675							2	49.99	12.12	Sept.	0.65	Dec.	4.0	93	143	121	101	
Grannis	Polk	900	7	61.9	103	Sept. 6	5	Dec. 28	7	52.79	10.41	July	0.47	Aug.	0.8	87	178	111	76	w.
Gravette	Benton	1250	27	58.4	100	Sept. 7	− 3		28	34.96	6.73	Apr.	0.58	Dec.	7.0	80	172	102	91	sw.
Harrison	Boone	1052	24		104	Sept. 4†	0	Dec. 28	24											
Helena	Phillips	193	31	63.5	113	Sept. 6			53	39.01	7.72	Oct.	1.26	Aug.	1.0	98	193	26	146	n.
Higden	Cleburne	415							7	48.35	10.73	Oct.	0.38	May	1.0	75	204	100	61	sw.
Hope	Hempstead	377	19	64.9	108	Sept. 7	12	Dec. 28	54	39.37	6.48	Nov.	0.08	Aug.	T.	65	202[b]	72[b]	83[b]	s.
Hot Springs	Garland	600	28	63.8	105	Sept. 6†	7	Dec. 28	34	39.72	6.52	Oct.	0.18	Mar.	1.0	.....	185[1]	80[1]	88[1]	
Jonesboro	Craighead	345	29	63.0	110	Sept. 6†	6	Dec. 28	30	39.88	9.14	Oct.	0.64	May	4.4	96	211	86	68	ne.
Junction ‡‡	Union	182	31	66.2	110	Sept. 6†	14	Dec. 28	31	45.86	10.63	Nov.	0.25	June	0.0	47	211[d]	49[d]	71[d]	n.
LITTLE ROCK	Pulaski	357	46	63.7	104	Sept. 7	8	Dec. 28	46	32.52	5.73	Oct.	0.52	Mar.	2.9	93	154	103	108	s.
Lutherville ‡‡	Johnson	775	27	61.8	104	Sept. 5†	5	Dec. 28	26	48.89	15.61	Sept.	0.50	June	1.5	75	189	90	86	se.
Magnolia	Columbia	315	6	66.4	107	Sept. 6	18	Dec. 28†	6	36.10	8.13	Nov.	0.05	Aug.	0.6	61	118[i]	148[i]	89[i]	s.
Malvern	Hot Springs	277	37	64.3	109	Sept. 7	9	Dec. 28	38	39.67	10.11	July	0.49	Mar.	2.0	79	235[b]	50[b]	78[b]	s.
Mammoth Spring	Fulton	512	20	58.0	106	Sept. 9	− 6	Dec. 28	20	42.35	10.10	Oct	0.93	May	5.5	97	147	133	85	n.
Marianna	Lee	235	13	64.1	106	Sept. 7	9	Dec. 28	13	51.45	6.77	Oct	0.96	Dec.	3.5	68	97	193	75	s.
Marked Tree	Poinsett	229	9	61.6	106	Sept. 6	7	Dec. 27†	20	38.33	8.30	Oct.	0.74	Aug.	3.1	86	180	114	71	se.
Marshall	Searcy	1070	10	61.4	104	Sept. 6	− 3	Jan. 28	11	56.56	13.58	Sept.	0.87	Mar.	T.	71	198[b]	51[b]	111[b]	s.
Mena	Polk	1185	33	62.4	107	Sept. 8	6	Dec. 28	37	43.92	8.36	Oct.	0.86	Aug.	0.9	103	200	79	86	sw.
Mountain Home	Baxter	800	9	59.3	107	Sept. 6†	0	Jan. 28	11	54.49	13.41	Oct.	1.27	May	4.7	76	168[f]	59[f]	132[f]	w.
Mount Ida	Montgomery	650	11	62.1	107	Aug. 20†	4	Dec. 28	26	42.15	9.78	Sept.	0.13	Mar.	1.0	68	185[a]	85[a]	94[a]	sw.
Murfreesboro	Pike	367							10	40.62	8.96	Oct.	0.41	Aug.	1.0	66	142[e]	115[e]	105[e]	
Newport	Jackson	231	37	63.2	109	Sept. 4†	4	Jan. 28	41	37.78	6.68	Oct.	0.46	Dec.	2.9	76	192[b]	96[b]	75[b]	n.
Osceola	Mississippi	240	22		105	Sept. 7	6	Dec. 28	27											
Ozark	Franklin	450	29	62.5	105	Sept. 6†	7	Dec. 28	29	42.16	7.45	Oct.	0.53	Mar.	2.0	72	184[c]	60[c]	106[c]	nw.
Patterson	Woodruff	196							9	38.68	7.32	Nov.	0.95	May	1.0	66	231	2	132	s.
Piggott	Clay	307							1	49.21	10.58	Sept.	1.00	June	5.2	76	211	74	80	sw.
Pindall	Searcy	1500							4	47.65	10.72	Oct.	1.16	Dec.	3.5	91	183	73	109	se.
Pine Bluff	Jefferson	215	37	66.0	110	Sept. 5†	10	Dec. 28	38	39.30	8.26	Nov.	0.62	Apr.	1.6	84	201	56	108	sw.
Pocahontas	Randolph	399	31	61.6	107	Sept. 5†	5	Dec. 28	32	45.61	11.76	Oct.	0.94	Dec	5.5	90	140	92	103	s.
Portland	Ashley	122	19	66.6	106	July 26†	12	Dec. 28	19	47.56	10.16	Nov.	0.60	Apr.	T.	64	142	131	92	s.
Prescott	Nevada	329	36	64.6	107	Sept. 5†	9	Dec. 28	37	34.41	6.37	Nov	0.42	Dec.	T.	71	202[e]	58[e]	102[e]	sw.
Princeton	Dallas	287							19	36.64	9.17	July	0.11	Apr.	0.0	50	201	16	148	
Rison	Cleveland	243	18	65.3	109	Sept. 6†	10	Dec. 28	24	41.45	7.92	Nov.	0.30	Apr.	T.	60	188[d]	100[d]	73[d]	sw.
Rogers	Benton	1385	32	59.2	101	Sept. 4†	0	Dec. 28	34	35.59	6.36	Sept.	0.13	Dec.	5.3	76	151	121	93	s.
Searcy	White	236	10	64.3	111	Sept. 7	10	Dec. 28	16	21.42	8.06	Oct.	0.04	Aug.	2.0	58	217	81	67	s.
Springbank‡‡	Miller	240							18	49.54	13.00	Nov.	0.12	June	0.0	70	229	17	120	
Stuttgart	Arkansas	228	35	64.4	109	Sept. 7	9	Dec. 27	38	36.85	9.08	Nov.	0.22	Apr.	4.1	76	166	135	64	s.
Subiaco	Logan	1050	28	64.3	108	Sept. 5†	11	Dec. 22	28	41.63	7.21	Oct.	0.32	Dec.	1.1	76	189[i]	65[i]	102[i]	s.
Texarkana	Miller	332	39	65.5	108	Sept. 6	13	Dec. 28	39	43.94	7.47	Oct.	1.50	Dec.	0.0	68	207	70	88	n.
Waldron	Scott	675							6	43.39	8.80	July	1.28	May	6.9	88	151	82	132	nw.
Warren	Bradley	206	29	66.0	107	Sept. 6	11	Dec. 28	31	42.79	9.67	Nov.	0.40	Apr.	0.0	52	198[m]	81[m]	73[m]	s.
Whitecliffs	Little River	290							21	35.81	4.90	July	0.00	Aug.	0.1	46	187	52	126	sw.
Wynne	Cross	250	13	63.3	109	Sept. 6	8	Dec. 28	17	38.76	7.79	Oct.	0.66	Dec.	2.3	78	201	69	95	n.
Yancopin	Desha	197							1	52.81	12.04	Nov.	0.50	Apr.	0.2	89	158	60	147	

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record: but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:- Dam No. 1, Judsonia, Ark., Junction, Lillie, La.; Lutherville R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. ‖31 days missing.

Monthly and Annual Mean Temperatures for the Year 1925, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	....	....	....	....	....	....	70.2[1]	+ 9.0	69.0	— 0.4	82.8	+ 8.0	82.8	+ 2.7	79.4	— 0.6	79.5	+ 5.3	60.1	— 2.7	50.2	— 2.4	40.2	— 2.6	....	....
Batesville	37.4	— 1.4	43.8	+ 3.4	52.0	— 0.2	64.9	+ 6.0	65.0	— 2.8	81.1	+ 5.7	80.2	+ 0.4	78.1	— 1.4	79.0	+ 6.0	55.5	— 5.7	46.4	— 2.8	36.9	— 3.7	60.0	+ 0.3
Bee Branch	37.4	— 3.9	45.8	+ 3.7	52.3	— 0.3	65.4	+ 4.5	67.2[b]	— 1.4	82.7	+ 5.9	81.5	+ 1.5	80.4	+ 1.0	79.8	+ 5.4	57.8	— 4.8	48.2	— 3.1	37.9	— 4.3	61.4	+ 0.4
Bentonville	36.0	+ 1.9	45.0	+ 6.5	52.4	+ 5.1	63.7	+ 6.8	63.7	— 2.7	78.8	+ 4.7	77.8	— 0.7	77.3	+ 0.8	75.6	+ 6.7	52.5	— 5.5	47.0	+ 0.3	35.7	— 1.8	58.8	+ 1.8
Booneville	....	....	....	....	....	....	....	....	....	....	....	....	82.0	+ 0.9	80.6	— 0.5	80.2	+ 4.6	59.5	— 3.8	51.4	— 2.4	40.2	— 3.3	....	....
Brinkley	42.3	+ 0.5	51.5	+ 8.5	58.4	+ 6.0	68.1	+ 7.4	69.8	— 0.2	83.9	+ 6.2	83.2	+ 2.4	82.5	+ 2.3	83.6	+ 9.0	60.4	— 1.7	51.6	— 0.2	42.7	— 0.7	64.8	+ 3.3
Calico Rock	35.9	— 0.3	43.1	+ 1.9	50.3	+ 2.4	64.4	+ 6.3	64.4	— 2.5	81.2	+ 5.0	80.4	+ 0.9	79.1	+ 0.2	79.0	+ 7.2	55.6	— 4.6	47.3	— 1.3	37.2	— 2.3	59.8	+ 1.0
Camden	42.7	— 2.2	50.8	+ 3.8	55.7	— 0.3	68.0	+ 4.3	68.8	— 2.4	83.2	+ 5.0	82.8	+ 1.8	80.8	+ 0.6	82.4	+ 7.0	61.5	— 2.2	50.9	— 1.3	40.9	— 4.2	64.0	+ 0.8
Centerpoint	43.8	— 1.6	52.1	+ 5.9	58.1	+ 1.1	68.6	+ 5.9	71.0	0.0	83.1	+ 4.5	83.2	+ 1.4	83.2	+ 1.8	83.2	+ 6.5	62.0	— 1.6	53.0	— 1.6	43.0	— 1.6	65.4	+ 1.9
Conway	41.2	— 0.8	49.4	+ 6.1	55.9	+ 2.1	68.0	+ 6.5	68.8	— 1.3	84.0	+ 5.8	82.0	+ 0.4	80.0	— 1.4	81.4	+ 6.4	59.6	— 3.5	50.2	— 1.6	40.4	— 1.8	63.4	+ 1.4
Corning	39.2	+ 1.9	49.2	+11.5	56.2	+ 5.0	68.0	+ 8.4	64.6	— 3.9	81.2	+ 5.6	82.4	+ 3.5	79.2	+ 1.1	78.5	+ 6.1	57.0	— 2.0	47.2	— 0.8	40.0	+ 0.6	61.9	+ 3.1
Dardanelle	40.5	+ 0.3	45.6	+ 2.0	54.6	+ 2.2	67.8	+ 6.4	71.6	+ 2.0	83.4	+ 5.6	83.6	+ 2.2	82.6	+ 2.6	81.9	+ 7.5	61.4	— 1.6	51.0	— 1.4	41.9	— 0.3	63.8	+ 2.3
Dodd City	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	76.2	+ 4.4	54.4	— 5.6	45.2	— 3.7	33.1	— 6.1	....	....
Dumas	43.2	+ 0.2	51.4	+ 2.1	56.6	— 0.8	68.6	+ 5.8	70.4	— 1.8	83.8	+ 5.0	83.4	+ 1.8	81.4	+ 0.8	83.0	+ 7.4	62.3	— 2.9	52.1	— 1.8	42.8	— 4.6	64.9	+ 0.9
Dutton	34.3	— 1.6	43.2	+ 5.3	50.1	+ 2.0	61.8	+ 5.8	61.9	— 2.2	76.2	+ 4.4	74.2	— 1.3	73.2	— 1.5	72.5	+ 3.8	52.6	— 5.5	47.8	+ 0.2	34.2	— 3.2	56.8	+ 0.5
El Dorado	45.6	— 0.2	55.4[b]	+ 7.8	62.4[b]	+ 6.0	71.2	+ 7.8	71.7	+ 0.7	84.8	+ 5.8	84.2	+ 2.7	83.4	+ 2.3	83.2	+ 6.8	64.0	— 0.8	53.8	— 1.1	44.2	— 1.8	67.0	— 3.0
England	42.2	— 0.7	51.0[a]	+ 5.0	56.3[a]	+ 1.1	68.1[a]	+ 6.0	69.2[a]	— 0.9	81.0[b]	+ 3.1	81.6	+ 0.3	80.0[a]	— 0.3	82.4[a]	+ 7.3	60.4	— 2.8	51.4	— 2.3	41.9[a]	— 1.3	63.8	+ 1.2
Eureka Springs	38.4	+ 0.8	47.6	+ 7.8	55.0	+ 4.0	64.6	+ 6.2	64.3	— 2.5	79.8	+ 5.8	78.6	+ 0.6	77.6	— 0.4	76.6	+ 4.8	54.2	— 6.1	49.4	— 2.2	37.8	— 1.4	60.3	+ 1.4
Evening Shade	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	57.0	....	48.8	....	38.8	....	....	....
Fayetteville	37.0	— 1.0	46.5	+ 7.2	53.4	+ 3.5	64.0	+ 6.0	64.4	— 1.8	82.1	+ 7.9	80.3	+ 2.3	76.6	— 1.0	75.6	+ 3.2	53.8	— 7.1	49.0	— 0.8	37.1	— 2.8	60.0	+ 1.3
Fort Smith	39.1	— 0.4	48.3	+ 5.5	56.2	+ 3.6	67.6	+ 5.8	68.4	— 1.2	83.6	+ 6.1	82.0	+ 0.5	82.0	+ 1.5	79.8	+ 5.8	57.8	— 5.0	50.2	— 0.8	39.0	— 3.1	62.8	+ 1.5
Grannis	40.4	....	49.3	....	55.4	....	65.8	....	67.9	....	79.4	....	79.5	....	78.3	....	79.2	....	57.8	....	49.6	....	39.8	....	61.9	....
Gravette	34.9	— 1.8	44.4	+ 6.6	53.1	+ 9.3	63.2	+ 6.6	63.1	— 2.5	78.0	+ 4.4	78.4	+ 1.2	76.4	— 0.8	74.4	+ 3.6	53.0	— 7.0	45.8	— 3.6	35.6	— 2.0	58.4	+ 1.2
Harrison	....	....	....	....	....	....	....	....	63.7	....	79.0	....	77.1	....	76.2	....	75.8	....	52.0	....	47.0[a]	....	36.8	....	....	....
Helena	42.4	— 0.6	50.0	+ 6.4	56.6	+ 2.8	69.8	+ 7.4	71.0	+ 0.2	85.0	+ 6.8	85.0	+ 3.7	82.7	+ 2.1	85.2	+ 10.4	61.4	— 1.1	51.2	— 2.0	41.8	— 3.0	63.5	+ 1.1
Hope	42.6	— 2.8	52.4[a]	+ 4.8	57.2[a]	— 0.8	69.0	+ 5.8	68.9[f]	— 2.3	83.0[a]	+ 4.6	84.2[a]	+ 3.6	82.1	— 0.7	82.2	+ 6.2	61.9	— 3.7	52.3	— 2.3	42.6	— 4.1	64.9	+ 0.8
Hot Springs	42.2	— 0.9	50.6	+ 3.8	56.0	+ 1.7	68.2	+ 5.7	68.6	— 1.2	81.4	+ 3.5	83.2[b]	+ 1.2	81.0[b]	+ 0.6	81.2	+ 5.8	60.5	— 3.4	51.1	— 1.7	41.3	— 4.9	63.8	+ 0.9
Huttig	46.6	— 1.6	56.0	+ 4.3	60.7[a]	+ 2.3	70.6	+ 5.2	71.4[f]	— 0.8	84.8[b]	+ 5.4	85.0[d]	+ 2.4	81.9[f]	+ 1.6	....	....	61.6[b]	— 3.8	53.8[c]	— 3.9	42.7[b]	— 6.1	....	....
Jonesboro	39.7	— 0.7	48.2	+ 6.7	56.2	+ 3.4	66.8	+ 5.6	68.2	— 1.6	83.4	+ 5.8	83.9	+ 4.0	80.8	+ 0.9	82.0	+ 7.7	57.4	— 5.1	49.2	— 2.2	39.8	— 1.2	63.0	+ 2.0
Junction	44.2	— 1.4	53.0	+ 5.9	61.4	+ 4.2	70.3	+ 4.7	70.8	— 1.0	85.4	+ 6.0	84.8	+ 2.9	84.6	+ 3.8	82.4	+ 6.8	61.6	— 2.6	50.8[d]	— 3.1	45.5	— 0.6	66.2	+ 2.1
Lambrook	42.6	....	49.2	....	55.4	....	69.3	....	68.4	....	83.0	....	....	....	....	....	....	....	....	....	49.4	....	40.2[b]	....	....	....
LITTLE ROCK	41.8	+ 0.4	50.0	+ 5.1	56.8	+ 3.8	68.2	+ 6.1	69.1	— 1.2	82.9	+ 5.5	81.5	+ 0.6	81.1	+ 1.5	81.9	+ 7.8	59.3	— 4.3	51.4	— 0.7	40.9	— 3.3	63.7	+ 1.7
Lutherville	38.3	— 1.7	47.4	+ 6.4	54.4	+ 2.0	66.8	+ 7.0	67.3	— 1.0	82.5	+ 6.7	80.4	+ 1.0	80.2	+ 1.1	81.0	+ 6.4	57.0	— 4.8	49.2	— 2.0	38.0	— 3.2	61.8	+ 1.5
Magnolia	44.4	....	54.6	....	59.0	....	69.6	....	70.6	....	84.4	....	83.1[a]	....	82.6	....	82.2	....	58.8	....	53.7	....	43.8	....	66.4	....
Malvern	42.7	— 0.5	51.2	+ 4.3	56.4	+ 2.3	69.0	+ 7.9	69.8	— 0.1	83.4	+ 5.9	83.0	+ 2.0	80.9	+ 1.2	81.8	+ 7.5	61.1	— 1.7	51.2	— 1.0	41.2[b]	— 1.8	64.3	+ 2.2
Mammoth Spring	33.8	— 3.0	42.0	+ 2.6	50.2	— 0.5	63.6	+ 5.2	63.2	— 3.0	79.3	+ 5.0	78.8	+ 0.8	78.2	+ 1.0	77.2	+ 5.8	51.8	— 6.6	43.9	— 4.7	33.8	— 4.9	58.0	— 0.2
Marianna	42.7	+ 2.5	51.3	+ 7.9	57.6	+ 2.8	68.8	+ 8.3	69.3	— 0.9	82.4	+ 4.4	82.7	+ 2.5	80.2	+ 0.8	82.6	+ 9.6	59.2	— 4.4	50.6	— 1.4	42.1	+ 0.1	64.1	+ 2.7
Marked Tree	39.8	....	46.2	....	54.0	....	67.2	....	68.6	....	82.6	....	81.6[b]	....	79.4	....	80.2	....	55.2	....	47.2	....	37.4	....	61.6	....
Marshall	39.4	+ 1.0	48.6	+ 4.9	55.3	+ 1.7	65.5	+ 4.7	65.4	— 1.8	81.9	+ 5.3	79.8	+ 1.0	76.8	— 1.9	77.4	+ 4.9	58.8[c]	— 2.7	50.2	— 1.5	37.4	— 5.4	61.4	+ 0.9
Mena	39.8	— 1.5	49.4	+ 5.8	56.4	+ 3.8	66.5	+ 5.1	67.6	— 1.3	79.7	+ 3.3	80.6	+ 0.8	80.1	+ 0.7	80.2	+ 6.4	58.7	— 4.1	50.8	— 2.5	39.0	— 3.6	62.4	+ 1.1
Morrillton	....	....	52.8[b]	....	....	....	65.3	....	....	....	83.2[f]	....	84.8	....	83.0	....	....	....	....	....	....	....	....	....	....	....
Mountain Home	35.5	— 1.7	45.1[c]	+ 4.4	53.2[a]	+ 2.6	64.4[f]	+ 5.0	64.2	— 1.7	79.0	+ 4.2	78.0	+ 0.7	77.0	— 0.8	77.3	+ 6.3	54.0	— 5.3	47.4	+ 2.9	37.0	— 2.7	59.3	+ 0.7
Mount Ida	40.4	— 0.3	49.7	+ 3.9	52.4[b]	— 0.8	67.2[f]	+ 5.3	67.0	— 1.3	80.0	+ 3.5	81.0	+ 1.5	79.0	— 0.3	78.3	+ 5.4	58.6	— 2.7	50.7	0.4	40.6	— 2.9	62.1	+ 1.0
Newport	39.8	+ 0.6	49.0	+ 8.5	57.2	+ 4.6	68.4	+ 6.6	69.1	— 0.9	82.8	+ 5.0	81.2	+ 0.2	79.2	— 0.6	82.0	+ 8.2	59.0	— 2.4	50.2	— 0.8	40.6	— 1.3	63.2	+ 2.3
Osceola	39.4	— 0.4	....	....	56.3	+ 1.5	67.8	+ 8.1	67.6	— 2.0	81.9	+ 4.7	82.4	+ 2.3	79.8	+ 0.8	82.0	+ 8.5	58.0	— 3.6	51.0	— 1.2	41.4	— 1.4	....	....
Ozark	38.8[a]	— 2.2	48.0	+ 5.1	55.4[a]	+ 2.0	67.6	+ 5.2	66.6[c]	— 3.8	82.8[a]	+ 4.8	81.6[b]	— 0.2	80.6[b]	— 0.9	80.2[a]	+ 4.1	58.8[c]	— 1.8	49.6[c]	— 2.6	39.8[c]	— 1.4	62.5	+ 0.5
Pine Bluff	43.6	+ 0.5	52.9	+ 7.5	58.3	+ 3.5	69.1	+ 4.7	71.6	— 0.4	85.5	+ 6.5	85.3	+ 1.1	83.7	+ 2.3	84.8	+11.7	62.6	0.0	53.0	+ 0.2	43.5	— 0.9	66.0	+ 3.1
Pocahontas	38.4	+ 0.4	47.0	+ 6.6	54.2	+ 2.6	65.2	+ 5.2	66.7	— 1.9	81.4	+ 5.0	81.6	— 0.1	81.0	0.0	80.0	+ 5.2	56.6	— 6.3	49.0	— 2.2	38.2	— 2.6	61.6	+ 1.0
Portland	46.1	— 0.2	54.4	+ 5.9	59.6	+ 0.8	70.2	+ 6.5	71.6	+ 0.3	83.5	+ 4.3	84.6	+ 3.1	81.6	+ 0.5	82.4	+ 6.0	65.4	+ 0.6	54.4	+ 0.5	45.7	— 1.7	66.6	+ 2.2
Prescott	41.2	— 2.9	50.0	+ 3.7	55.9	0.0	67.4	+ 4.5	69.8	— 0.4	83.1	+ 4.6	83.9	+ 2.2	82.7	+ 1.5	83.4	+ 7.6	62.8	— 1.6	52.2	— 2.0	42.3	— 3.4	64.6	+ 1.2
Rison	41.1	+ 0.5	53.1	+ 9.0	57.5	+ 2.5	69.0[a]	+ 6.0	70.2	— 0.8	84.2	+ 6.3	83.4[d]	+ 2.6	81.8	+ 0.8	81.2[a]	+ 5.1	62.6	— 1.0	52.8	— 0.3	43.2	— 2.3	65.3	+ 2.4
Rogers	36.4	— 0.5	45.8	+ 7.5	53.9	+ 4.5	64.8	+ 6.7	65.5	— 2.3	78.1	+ 4.7	77.5	0.0	75.2	+ 4.1	74.2	+ 5.4	47.6	— 1.7	36.6	— 2.0	59.2	— 1.3	59.2	+ 1.3
Searcy	43.8	+ 3.4	49.0	+ 5.3	56.4	+ 3.4	66.4	+ 4.8	68.2	— 0.5	82.4	+ 5.2	81.1	+ 0.4	82.6[d]	— 2.7	85.5	+10.1	59.9	— 1.4	53.8	+ 3.1	41.4	+ 1.9	64.3	+ 3.2
Stuttgart	43.2	+ 1.0	50.8	— 6.6	56.2	+ 2.2	68.0	+ 6.0	69.0	— 0.9	83.4	+ 5.8	83.0	+ 2.3	81.1	+ 0.3	83.6	+ 5.8	60.4	— 2.4	52.0	— 0.2	41.6	— 2.0	64.4	+ 2.4
Subiaco	40.4	— 1.0	49.8	+ 7.4	57.1	+ 3.5	70.1[f]	+ 9.3	69.5	— 0.5	84.5[c]	+ 7.1	82.0	+ 0.7	80.8[a]	0.0	81.2	+ 7.6	60.0	— 3.4	52.4	— 0.6	42.2[a]	+ 1.0	64.3	+ 2.7
Texarkana	43.6	— 2.6	52.8	+ 5.0	57.4	+ 0.6	68.2	+ 4.4	70.4	— 1.2	83.7	+ 4.7	84.6	+ 2.3	83.0	+ 1.1	81.8	+ 5.0	63.3	— 1.3	53.3	— 2.1	43.5	— 3.3	65.5	+ 1.1
Thornburg	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	56.7[c]	....	39.4	....	39.8	....	....	....	....	....
Warren	44.5	— 0.4	55.2	+ 7.6	59.1	+ 3.0	70.4	+ 7.8	70.7	— 0.3	83.6	+ 4.8	84.6[d]	+ 2.8	83.2[a]	+ 2.1	83.8	+ 7.8	63.0	— 0.8	53.8[f]	+ 0.2	42.2[f]	— 2.5	66.0	+ 2.6
Wynne	40.9	+ 0.7	49.9	+ 6.1	56.0	+ 4.4	67.7	+ 6.4	68.6	— 1.8	82.8	+ 4.3	82.6	+ 1.6	80.2	+ 0.4	82.2	+ 8.4	58.6	— 4.4	50.6	— 1.2	40.0	— 1.8	63.3	+ 1.9

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

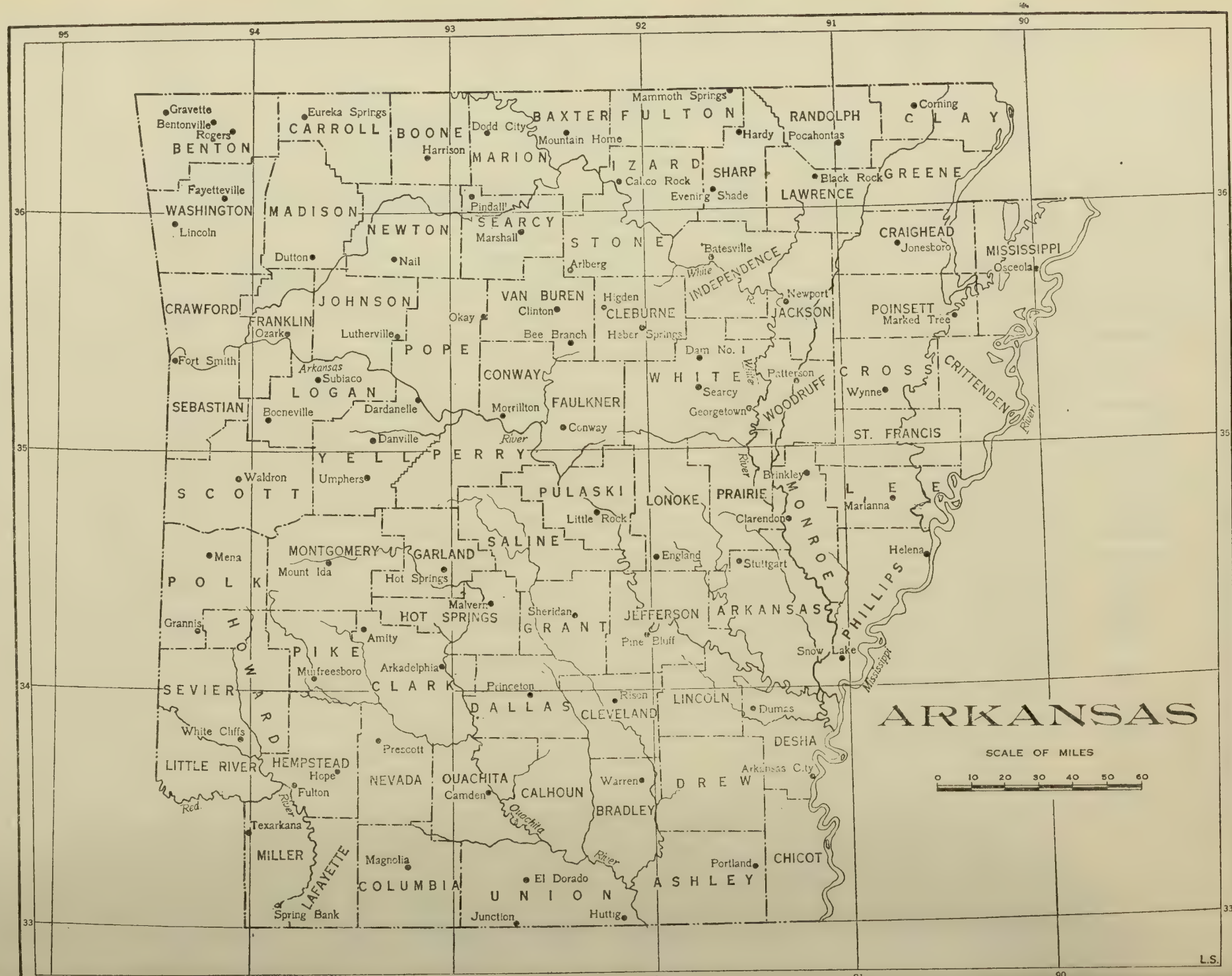
Monthly River Stages for the Year 1925

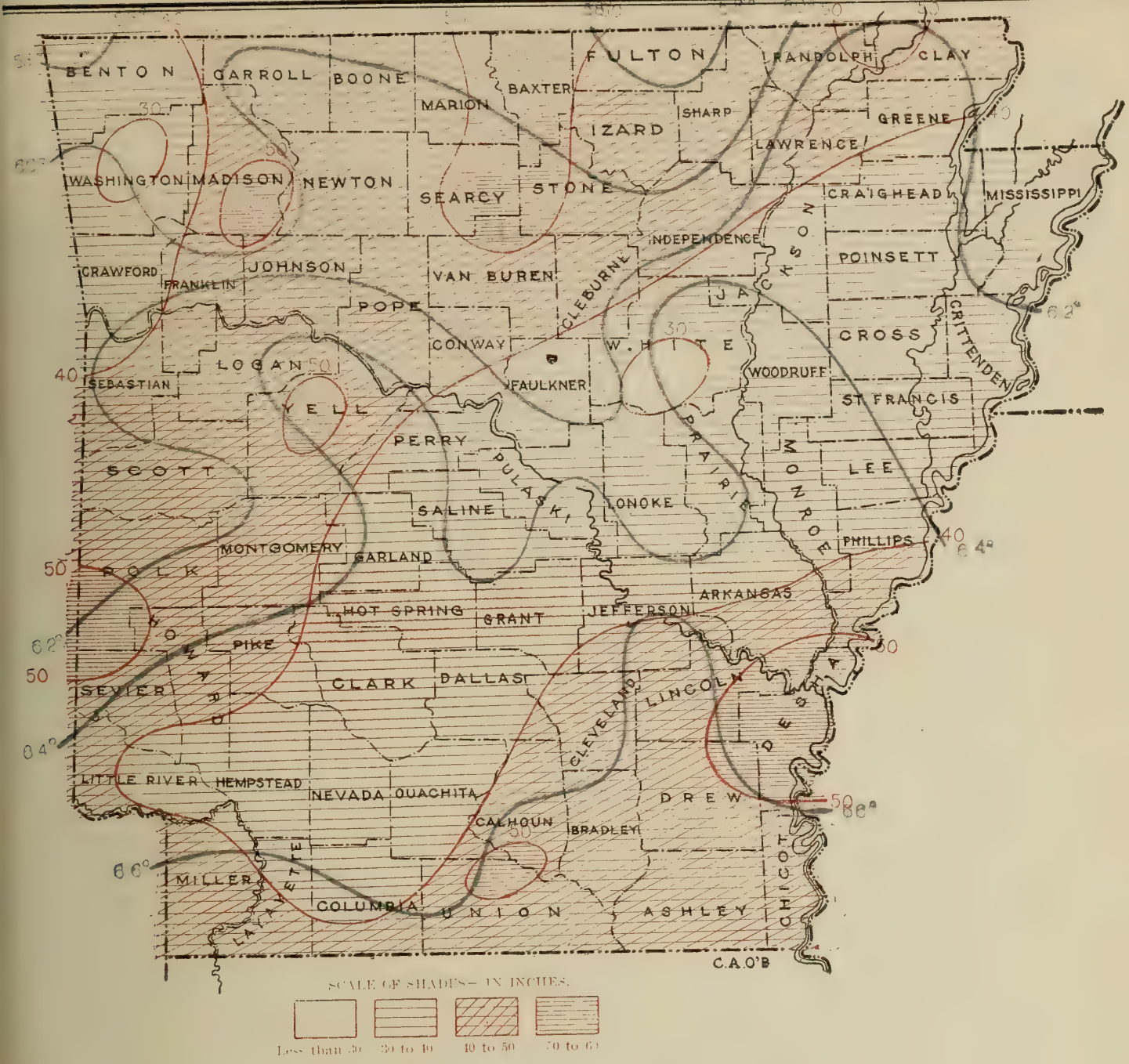
Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	2.8	-0.4	1.3	10.0	0.1	2.2	8.2	-0.2	1.1	0.6	-0.8	-0.3	1.8	-0.7	0.3	0.4	-0.7	-0.4	1.5	-0.6	-0.1	1.5	-0.6	0.2	2.9	-0.7	-0.1	14.0	0.0	3.4	15.0	1.0	4.2	4.2	0.2	2.2
Arkansas City	23.3	15.2	17.6	34.6	20.5	25.4	35.5	26.7	32.5	34.3	18.9	26.8	25.3	18.6	22.8	21.1	9.4	14.2	21.3	12.8	16.8	12.9	8.0	9.9	....	....	....	....	....	....	35.8	20.4	27.8	....	....	....
Batesville	10.2	6.1	7.9	10.2	7.4	8.7	9.8	6.2	7.5	25.6	5.8	9.5	19.5	5.5	8.9	6.5	4.9	5.4	7.0	4.3	5.3	5.6	4.3	4.8	22.6	4.0	6.5	25.5	10.2	14.9	16.8	8.0	10.8	10.8	6.7	8.7
Black Rock	3.5	2.6	2.9	7.5	2.6	4.3	6.3	3.9	4.9	6.6	3.3	3.9	7.5	2.7	4.3	12.0	1.9	4.0	2.6	1.3	2.1	2.0	0.8	1.3	4.9	0.5	1.9	20.7	4.8	12.5	17.5	5.9	12.2	13.6	4.0	9.5
Calico Rock	4.7	1.1	2.6	4.5	2.0	3.1	3.9	1.1	2.0	20.5	0.8	1.3	12.0	0.8	3.2	4.4	0.0	0.6	2.1	-0.4	0.4	1.0	-0.3	0.2	16.6	-0.8	1.6	16.6	4.3	8.1	13.1	2.2	4.6	4.6	1.6	2.9
Camden	10.7	3.5	7.1	21.8	5.3	8.7	17.7	4.5	7.4	5.0	3.9	4.5	7.8	3.9	5.8	5.4	3.0	3.8	5.0	3.2	3.7	6.4	3.2	4.8	6.8	2.4	3.7	24.9	3.9	10.3	22.0	5.4	14.4	18.4	6.8	10.9
Carrollton	20.0	11.5	13.7	21.8	12.6	14.8	22.5	14.7	18.6	15.3	13.3	14.4	22.3	10.3	17.0	12.0	8.0	9.6	9.2	7.2	7.9	7.8	6.5	6.7	16.8	5.7	7.1	28.3	8.1	13.4	24.8	10.2	16.6	22.7	10.7	15.2
Corning	7.5	6.4	6.8	11.1	6.9	8.5	11.0	7.7	9.1	8.7	7.2	7.7	10.0	6.2	7.8	11.6	5.6	7.3	6.7	5.2	5.7	6.0	5.1	5.5	10.0	4.8	5.9	13.2	8.6	11.1	13.4	10.0	11.8	12.3	7.9	10.5
Dam No. 1	1.0	-1.8	-0.5	17.0	0.0	2.2	4.6	1.0	2.1	4.6	0.2	1.1	2.2	-0.5	0.5	3.0	-1.0	0.1	1.0	-0.4	0.2	0.2	0.0	0.0	21.0	0.0	2.7	36.0	4.5	11.9	24.0	1.9	5.0	6.7	0.5	2.1
Danville	2.8	1.2	1.7	17.5	1.7	4.7	15.8	2.8	6.3	19.2	1.4	3.2	4.9	1.4	2.9	1.3	0.3	0.5	14.8	0.2	3.2	7.1	1.6	3.2	14.4	0.3	2.2	23.4	3.6	9.5	11.1	3.6	5.4	22.0	3.7	7.7
Dardanelle	7.1	2.5	4.6	6.6	3.8	4.3	5.0	2.5	3.6	12.8	2.3	5.3	13.0	3.4	6.0	4.3	2.1	3.1	3.0	1.2	2.0	5.8	1.5	3.2	9.0	0.4	3.7	12.1	2.3	6.6	10.5	2.2	4.8	5.6	1.9	3.4
Fort Smith	10.0	5.7	7.8	10.0	6.2	7.6	8.2	4.9	5.8	15.8	5.0	8.4	14.2	5.9	8.5	6.7	4.8	5.6	6.3	3.6	4.8	9.7	3.9	6.3	12.5	3.0	6.0	11.6	4.9	7.8	13.2	4.6	7.0	6.8	4.1	4.9
Fulton	10.3	5.5	6.9	12.2	6.1	7.5	10.6	5.8	6.8	22.0	5.8	8.5	23.1	9.5	14.6	13.7	6.7	8.9	8.0	5.6	5.9	13.0	6.0	8.3	22.2	4.6	9.7	17.9	9.7	12.3	14.3	8.3	10.7	8.2	6.8	7.6
Georgetown	9.6	3.4	5.7	15.8	4.8	7.7	14.4	5.6	8.8	14.4	4.6	6.6	18.2	2.6	9.9	6.0	1.0	2.7	2.0	0.2	1.0	0.8	-0.6	-0.1	17.1	-1.2	1.6	23.3	13.4	19.5	21.2	16.9	19.6	16.7	7.0	12.1
Gilbert	5.7	3.5	4.0	6.8	3.9	4.5	4.8	2.9	4.3	19.7	3.8	5.1	6.6	3.5	4.3	3.8	3.2	3.4	3.6	3.1	3.4	3.8	3.1	3.3	12.5	2.9	4.1	15.0	4.9	6.9	9.2	4.6	5.4	6.0	4.5	5.1
Helena	20.0	11.8	15.0	33.5	16.5	22.5	35.1	21.0	28.5	31.6	15.1	22.0	21.1	14.1	18.4	18.5	8.4	12.6	18.2	10.5	14.1	11.0	4.3	6.3	4.8	-0.2	1.5	16.4	3.6	9.7	32.1	14.6	23.2	25.5	8.7	18.8
LITTLE ROCK	4.6	-0.2	1.8	7.1	1.4	3.2	4.3	0.4	1.6	8.9	-0.2	2.3	12.0	0.5	4.1	1.4	-0.7	0.2	0.5	-1.8	-0.9	2.7	-1.7	0.3	7.7	-2.8	0.6	13.7	1.0	6.0	9.5	0.1	3.7	5.5	-0.5	1.4
Marked Tree	5.4	5.0	5.3	11.5	5.4	7.0	12.0	9.4	10.7	10.7	6.2	8.6	6.8	4.0	5.5	4.1	2.8	3.6	4.4	1.9	2.7	2.0	1.0	1.6	5.7	0.7	1.9	14.9	3.8	9.1	16.2	1.5	7.5	16.1	9.9	13.7
Newport	6.3	3.0	4.5	10.0	3.9	5.8	9.0	3.7	5.4	21.1	3.1	5.8	21.8	1.9	7.3	5.8	1.0	2.6	2.3	1.3	1.8	1.5	1.0	1.2	17.7	0.5	2.9	26.1	9.1	18.6	21.8	10.1	14.6	12.9	1.8	5.9
Patterson	5.5	4.6	4.8	7.8	4.6	5.0	9.9	5.6	7.6	8.1	5.1	7.0	5.0	3.0	3.8	3.4	3.0	3.1	3.1	2.7	3.0	2.7	2.4	2.6	5.1	2.3	2.8	16.5	5.3	8.7	10.4	7.3	8.8	9.6	5.8	7.5
Pine Bluff	8.5	3.7	5.7	11.3	6.0	7.5	9.4	4.9	6.2	10.4	4.0	6.2	15.0	5.0	8.5	6.6	3.2	4.5	4.6	1.9	2.9	6.9	2.5	4.5	11.7	0.7	4.2	20.6	6.5	10.8	15.4	5.5	8.3	9.4	4.3	6.6
Springbank	12.1	4.9	7.4	11.3	7.0	8.1	10.7	3.4	5.1	21.4	3.4	8.6	26.5	14.6	19.6	15.6	6.9	12.0	6.4	3.7	4.4	11.4	4.0	6.3	27.5	3.3	9.8	18.8	8.8	12.7	17.3	8.7	12.7	10.6	6.2	8.4

Monthly and Annual Precipitation for the Year 1925, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	.....	.....	.....	.....	.....	.....	.....	.....	1.55	−4.07	3.15	−2.49	2.75	−1.21	0.00	−4.36	3.20	−0.09	3.71	+0.73	3.20	−0.76	0.29	−4.12	.....	.....
Arkadelphia	2.74	−1.23	3.55	−0.92	0.72	−4.38	0.97	−4.42	1.41	−4.01	2.55	−2.55	8.71	+4.96	0.60	−3.92	4.57	+1.93	5.28	+2.45	7.97	+4.42	1.53	−3.31	40.60	−10.98
Arkansas City	4.82	+0.12	2.78	−1.72	4.10	−1.32	0.39	−4.27	3.46	−1.12	1.29	−2.95	3.77	−0.09	1.75	−2.17	2.83	−0.09	6.33	+4.13	7.22	+3.43	2.89	−2.00	41.63	−8.05
Arlberg	1.50	.....	4.85	.....	2.20	.....	3.23	.....	0.80	.....	1.80	.....	6.35	.....	1.75	.....	13.50	.....	10.30	.....	4.45	.....	2.00	.....	52.73	.....
Batesville	2.03	−2.16	3.37	−0.05	2.92	−1.20	3.08	−1.60	0.56	−4.33	1.18	−2.85	3.94	+0.67	1.97	−2.28	6.74	+2.84	9.33	+6.47	4.64	+1.09	0.83	−3.08	40.59	− 6.48
Bee Branch	1.79	−2.31	3.76	+0.13	3.24	−1.94	2.19	−2.78	0.45	−4.36	2.20	−1.92	5.28	+1.57	3.70	−0.17	9.44	+6.32	8.76	+5.94	4.77	+1.34	1.51	−2.44	47.09	− 0.62
Bentonville	1.51	−1.12	2.07	−0.45	0.34	−3.48	4.94	+1.05	1.58	−3.64	3.17	−1.39	2.40	−1.91	4.80	+0.76	5.79	+2.32	5.85	+3.04	2.44	−0.55	0.38	−2.38	35.27	− 7.75
Black Rock	1.34	−2.96	3.30	+0.17	3.32	−0.90	3.23	−2.18	1.09	−3.84	2.04	−1.30	4.61	+0.72	2.22	−2.13	8.52	+5.28	11.56	+8.99	6.34	+2.19	0.72	−3.03	48.29	+ 1.01
Boonesville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.73	+1.62	2.62	−0.37	5.85	+2.67	5.73	+2.84	3.46	−0.56	2.84	−0.01	.....	.....
Brinkley	2.49	−2.48	6.65	+2.69	1.49	−4.48	0.55	−4.87	1.37	−3.16	1.95	−1.49	4.32	+0.23	0.68	−2.84	4.05	+0.82	7.49	+4.57	7.24	+3.05	1.26	−3.68	39.54	−11.94
Calico Rock	2.06	−1.52	2.72	+0.30	1.33	−2.24	4.22	−0.47	1.74	−2.71	1.54	−2.01	4.99	+1.55	2.90	−2.20	6.33	+2.76	9.43	+6.92	2.83	−0.26	1.48	−1.51	42.96	− 1.39
Camden	4.34	−0.26	2.69	−1.31	1.64	−3.53	1.25	−3.69	1.26	−3.18	0.50	−4.19	6.71	+2.83	0.62	−2.64	2.64	−0.68	5.95	+3.14	8.29	+4.22	3.18	−1.49	39.10	−10.78
Center Point	3.22	−0.52	2.74	−0.48	0.78	−4.29	3.63	−1.72	2.27	−4.01	2.98	−1.40	5.91	+1.81	0.12	−3.23	3.12	−0.56	8.44	+5.58	5.86	+2.48	1.38	−2.87	40.45	− 9.20
Clarendon	2.32	−2.02	5.17	+1.38	0.81	−4.48	1.91	−4.42	1.78	−3.28	0.29	−3.05	3.59	+0.25	2.93	−1.28	4.23	+0.63	7.21	+4.17	6.42	+2.52	1.21	−3.80	37.87	−13.38
Clinton	1.00	.....	3.06	.....	2.82	.....	2.10	.....	0.65	.....	0.71	.....	3.07	.....	1.49	.....	13.16	.....	13.89	.....	4.06	.....	1.90	.....	47.94	.....
Conway	2.12	−2.13	3.84	+0.18	0.80	−3.89	2.04	−2.61	1.12	−3.61	0.93	−3.12	7.94	+4.62	0.74	−2.77	4.20	+0.69	8.33	+5.68	4.90	+0.80	1.28	−2.86	38.24	− 9.02
Corning	2.88	−0.81	3.08	−0.48	2.48	−2.22	4.53	−0.35	1.00	−3.36	2.02	−2.10	0.59	−2.88	4.19	+0.55	11.05	+7.33	8.81	+5.54	8.41	+4.73	1.56	−2.39	50.55	+ 3.56
Dam No. 1	1.60	.....	5.28	.....	1.95	.....	2.34	.....	1.16	.....	3.40	.....	4.64	.....	2.18	.....	5.37	.....	7.88	.....	4.96	.....	0.97	.....	41.64	.....
Danville	2.13	−1.26	3.45	+1.43	0.71	−3.59	2.93	−0.99	2.65	−1.16	2.02	−1.34	9.60	+6.46	2.12	−1.41	9.93	+6.98	9.19	+5.38	2.61	−0.92	2.67	−0.29	50.01	+ 9.29
Dardanelle	1.85	−1.44	3.56	+0.53	2.89	−1.57	2.90	−1.14	0.94	−4.56	2.00	−1.64	6.02	+2.49	1.65	−2.08	10.46	+7.17	7.34	+4.70	3.28	−0.22	1.90	−1.30	44.79	+ 0.94
Dodd City	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.43	+3.57	5.31	+2.23	1.84	−1.33	0.40	−2.78	.....	.....
Damas	4.29	−0.70	4.51	+0.46	2.88	−2.97	0.61	−4.34	3.16	−2.06	1.82	−2.31	5.02	+1.60	0.97	−2.99	3.70	−0.10	9.17	+5.89	10.58	+6.69	4.55	−0.81	51.26	+ 1.64
Dutton	2.32	−1.60	2.40	−0.52	1.30	−3.10	6.19	+0.43	1.87	−4.57	3.09	−2.41	6.08	+1.84	4.34	−0.11	9.35	+5.25	10.18	+7.18	2.28	−1.11	1.49	−1.94	50.89	− 0.66
El Dorado	4.34	+1.15	3.15	−0.19	3.96	−0.48	0.59	−4.50	2.72	−1.83	1.30	−1.94	8.86	+5.59	0.08	−3.24	4.02	+1.16	8.68	+5.85	11.97	+8.75	5.10	+0.44	54.77	+10.76
England	2.78	−1.28	3.71	−0.47	0.77	−4.52	1.00	−5.24	1.98	−2.11	2.85	−0.81	4.96	+2.55	0.27	−4.33	2.88	−0.82	8.79	+5.97	6.41	+2.70	1.22	−3.36	37.62	−11.78
Eureka Springs	1.87	−1.21	1.65	−0.99	0.50	−3.42	7.15	+2.48	1.69	−4.14	3.18	−2.53	5.46	+1.51	4.08	−1.04	6.78	+2.82	6.82	+3.79	2.90	−0.05	0.90	−1.52	42.98	− 4.30
Evening Shade	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.50	.....	5.25	.....	2.10	.....	.....	.....
Fayetteville	1.54	−1.45	1.19	−1.35	0.26	−3.82	2.78	−1.74	0.85	−4.76	2.28	−2.29	2.55	−1.57	2.32	−1.89	5.74	+2.56	5.32	+2.13	1.04	−2.04	1.08	−1.53	26.95	−17.75
Fort Smith	1.41	−1.10	1.66	−1.08	0.85	−2.77	5.01	+1.11	1.44	−3.47	1.74	−2.26	5.39	+1.55	0.76	−2.90	7.52	+4.35	5.42	+2.59	2.85	−0.43	2.00	−0.88	36.05	− 5.29
Freeman Springs	.....	.....	2.86	.....	1.40	.....	3.57	.....	0.40	.....	1.62	.....	5.65	.....	3.28	.....	14.16	.....	9.77	.....	3.23	.....	2.09	.....	.....	.....
Fulton	3.80	−0.29	2.16	−0.85	1.41	−3.16	3.33	−1.10	1.85	−2.72	2.53	−1.40	4.50	+1.09	2.48	−0.44	3.58	+1.14	4.19	+1.82	5.21	+1.70	1.54	−2.77	36.58	− 6.98
Georgetown	2.35	−3.14	5.37	+2.09	0.85	−4.88	1.74	−4.01	1.90	−2.03	3.39	−0.06	7.25	+4.61	0.65	−3.57	3.80	−0.18	5.95	+1.82	5.15	+1.56	0.87	−3.40	39.27	−11.19
Gilbert	2.01	.....	1.89	.....	0.99	.....	5.08	.....	0.81	.....	1.96	.....	6.36	.....	4.62	.....	12.12	.....	11.08	.....	2.57	.....	0.65	.....	49.99	.....
Grady	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	.....	5.09	.....	1.20	.....	3.14	.....	6.75	.....	8.81	.....	2.10	.....	.....	.....
Grannis	3.85	.....	3.12	.....	1.13	.....	4.45	.....	1.22	.....	6.66	.....	10.41	.....	0.47	.....	4.74	.....	9.11	.....	5.99	.....	1.64	.....	52.79	.....
Gravette	1.53	−0.97	2.04	+0.20	0.63	−3.07	6.73	+2.62	2.22	−3.30	2.31	−3.10	1.70	−2.49	4.72	+0.74	4.71	+1.30	5.47	+2.43	2.32	−0.69	0.58	−1.61	34.96	− 7.94
Harrison	.....	.....	.....	.....	.....	.....	.....	.....	2.29	−2.80	1.16	−2.82	8.18	+3.86	3.16	−0.56	8.02	+4.43	7.82	+5.13	2.79	0.00	1.05	−1.45	.....	.....
Heber Springs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.89	−3.02	3.52	+0.97	2.08	−0.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helena	2.52	−2.85	3.97	−0.74	2.72	−3.46	1.67	−4.01	2.32	−2.17	1.61	−2.32	4.32	+0.52	1.26	−2.58	1.90	−1.53	7.72	+5.16	6.54	+2.05	2.46	−2.48	39.01	−14.41
Hughes	1.11	.....	3.69	.....	3.71	.....	2.59	.....	0.38	.....	3.19	.....	5.22	.....	1.80	.....	9.27	.....	10.73	.....	4.66	.....	2.00	.....	48.35	.....
Hope	4.52	−0.46	3.24	−0.75	1.59	−3.71	2.28	−3.18	2.51	−2.70	2.11	−1.78	5.27	+0.75	0.08	−3.52	4.80	+1.81	4.99	+1.64	6.48	+2.01	1.50	−2.84	39.37	−12.73
Hot Springs	2.26	−2.50	4.30	+0.68	0.18	−5.10	1.22	−4.88	3.70	−1.95	2.50	−2.18	6.15	+1.92	0.79	−3.11	4.71	+1.24	6.52	+3.41	6.11	+1.81	1.38	−2.80	39.72	−13.38
Huttig	5.20	+0.73	2.45	−1.69	3.85	−1.82	0.69	−4.46	0.92	−5.05	0.30	−4.05	3.83	−0.09	3.00	−1.35	.....	.....	9.25	+6.20	14.41	+11.07	3.40	−1.55	.....	.....
Jonesboro	1.70	−3.55	5.16	+1.39	3.25	−1.66	3.85	−1.00	0.64	−3.59	1.31	−2.39	1.76	−1.8	2.43	−1.11	5.84	+2.35	9.14	+5.81	4.15	+0.69	0.70	−3.92	39.88	− 8.55
Junction	3.62	−0.25	3.91	+0.49	3.28	−2.11	1.00	−3.87	2.51	−2.02	0.23	−3.73	7.44	+3.37	0.85	−2.71	4.34	+2.06	3.77	+0.72	10.63	+7.30	4.25	+0.48	45.86	− 0.30
Lenbrook	2.87	.....	4.54	.....	2.60	.....	0.32	.....	2.79	.....	1.71	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.30	.....	2.30	.....	.....	.....
LITTLE ROCK	1.51	−3.28	3.78	−0.40	0.52	−4.42	1.08	−3.43	1.42	−3.68	2.51	−1.58	5.46	+1.47	0.94	−2.71	3.38	+0.12	5.73	+3.18	5.23	+0.64	0.96	−3.28	32.52	−17.37
Lutherville	2.35	−1.09	3.25	+0.18	2.28	−1.49	2.63	−1.83	0.61	−4.43	0.50	−3.97	4.15	+0.65	3.33	−0.84	15.61	+12.16	7.41	+3.73	4.44	+1.01	2.30	−1.24	48.89	+ 2.84
McGehee	.....	.....	.....	.....	.....	.....	0.25	.....	2.65	.....	1.75	.....	3.82	.....	1.07	.....	1.92	.....	8.48	.....	9.80	.....	4.62	.....	.....	.....
Magnolia	4.82	.....	3.70	.....	1.85	.....	1.40	.....	1.65	.....	0.75	.....	4.36	.....	0.05	.....	2.62	.....	4.67	.....	8.13	.....	2.70	.....	36.10	.....
Malvern	3.14	−2.35	2.63	−0.87	0.49	−4.76	1.04	−4.13	2.37	−2.23	0.61	−3.55	10.11	+6.66	0.58	−3.07	4.37	+1.19	6.66	+3.95	6.02	+1.44	1.65	−3.05	39.67	−10.77
Mammoth Spring	1.66	−1.73	2.13	−0.51	1.43	−3.43	3.12	−2.10	0.93	−3.37	1.59	+0.2	2.29	−1.28	1.21	−3.23	8.14	+4.53	10.10	+7.25	5.96	+2.64	1.79	−1.29	43.35	− 2.25
Marianna	1.97	−2.81	4.43	+0.51	1.26	−4.42	1.42	−2.45	2.23	−2.76	2.95	−3.55	4.17	+0.45	1.71	−0.87	1.35	−1.91	6.77	+3.08	4.22	+1.22	0.96	−3.60	31.45	−17.05
Marked Tree	2.16	3.33	5.54	+2.08	1.98	−3.03	1.65	−3.94	0.92	−3.77	2.05	−0.88	2.30	−1.10	0.74	−3.23	6.36	+3.92	8.30	+4.04	5.37	+0.87	0.96	−3.52	38.33	−11.89
Marshall	2.10	−1.74	2.85	+0.63	0.87	−3.38	3.81	−2.29	2.76	−3.59	1.08	−2.22	5.87	+2.60	7.14	+2.34	13.58	+9.70	11.41	+8.70	2.96	−0.95	1.53	−2.10	56.56	+ 7.95
Mena	2.56	−1.23	2.75	−0.46	1.05	−3.92	4.73	+0.97	1.51	−4.96	6.40	+1.56	6.01	+1.96	0.86	−4.04	5.00	+1.41	8.36	+4.99	3.64	+0.18	1.05	−2.82	43.92	− 6.36
Morrilton	.....	.....	3.10	.....	0.04	.....	0.90	.....	1.05	.....	1.10	.....	5.30	.....	1.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Home	2.68	+0.03	1.31	−1.07	1.36	−3.15	6.85	+2.65	1.27	−4.19	4.76	+0.47	6.19	+1.77	2.03	−1.87	8.65	+4.59	13.41	+9.96	4.16	+0.90	1.82	−1.75	54.49	+ 8.34
Mount Ida	2.10	−2.21	2.95	1.17	0.13	4.68	3.66	−2.05	3.08	−2.74	3.62	−1.62	4.30	+0.78	0.69	−3.04	9.78	+6.59	5.99	−2.34	4.90	+0.86	1.55	−2.64	42.15	− 9.58
Murfreesboro	3.57	+0.44	2.95	+0.56	0.96	−3.90	2.34	−3.98	1.66	−1.88	2.6	−1.91	4.9	+2.32	0.41	−3.43	3.84	+1.09	8.96	−5.45	6.81	+2.44	1.59	−1.52	40.62	− 4.32
Newport	1.96	−2.98	4.92	+1.30	1.80	−3.09	3.45	−1.54	1.35	−2.9	3.95	+0.31	2.21	−0.32	1.25	−2.23	5.55	+1.80	6.68	−4.01	4.19	−0.21	0.46	−3.40	37.78	− 9.87
Osceola	1.68	−3.47	.....	.....	2.59	−2.92	1.59	−2.67	2.85	−1.93	0.84	−2.62	4.43	+0.87	0.98	−1.85	6.29	+3.63	8.31	+6.06	5.67	+0.82	0.71	−3.44	.....	.....
Ozark	2.58	+0.09	2.79	+0.24	0.53	−3.62	3.55	−1.01	2.38	−3.16	1.88	−2.39	5.00	+1.65	4.31	+0.25	5.95	+2.96	7.45	+4.60	3.78	+0.60	1.98	−1.26	42.16	− 1.05
Patterson	1.75	−2.95	5.50	+2.51	1.16	−5.45	2.48	−3.82	0.98	−3.69	2.20	−1.90	3.14	−0.02	1.43	−1.24	4.71	+1.95	6.79	+2.69	7.32	+2.30	1.16	−2.84	38.68	−12.55
Paggett	1.47	.....	4.63	.....	2.65	.....	2.46	.....	2.16	.....	1.00	.....	2.6	.....	3.67	.....	10.58	.....	10.44	.....	6.25	.....	1.30	.....	49.21	.....
Pinnacle	2.24	.....	1.88	.....	1.36	.....	6.14	.....	1.48	.....	4.28	.....	4.08	.....	2.04	.....	8.75	.....	10.72	.....	3.52	.....	1.16	.....	47.65	.....
Pine Bluff	3.00	−2.04	3.49	−0.51	0.91	−4.66	0.62	−4.88	3.26	−1.32	0.71	−3.16	6.64	+3.12	0.65	−2.69	2.68	−0.93	6.99	+4.38	8.26	+4.07	2.09	−2.88	39.30	−11.44
Pocahontas	1.79	−2.45	2.82	−0.45	2.50	−2.15	3.05	−1.75	2.00	−2.49	6.05	+2.10	1.05	−3.47	1.73	−2.83	7.24	+3.66	11.76	+8.94	4.70	+1.19	0.94	−2.70	45.61	− 2.40
Pocahontas	5.57	+0.53	1.99	−2.30	5.68	+0.42	0.03	−5.30	1.80	−4.45	0.20	−3.94	1.27	−3.23	2.96	−1.07	6.13	+3.38	9.00	+6.26	10.16	+6.56	2.79	−2.71	47.56	− 5.88
Prescott	4.71	+0.37	2.61	−0.88	1.54	−3.07	1.65	−3.71	2.66	−2.40	2.96	−0.81	4.41	+1.29	0.66	−2.72	2.91	−0.07	3.57	+1.08	6.37	+2.88	0.42	−3.69	34.41	−11.76
Princeton	3.34	−0.99	2.33	−1.51	1.92	−3.20	0.11	−5.41	2.82	−2.37	0.44	−3.71	9.17	+4.78	0.85	−2.49	0.58	−2.75	5.68	+2.90	6.35	+2.39	3.00	−2.34	36.64	−14.61
Rison	3.79	−1.55	2.77	−0.37	2.14	−3.00	0.30	−4.27	4.33	+0.68	0.74	−3.21	7.33	+4.03	1.34	−2.03	3.05	−0.32	5.39	+2.51	7.92	+4.54	2.38	−1.33	41.45	− 4.52
Rogers	1.17	−1.29	1.04	−0.84	0.28	−3.31	5.36	+1.01	2.93	−2.25	1.92	+0.31	2.75	−1.36	2.93	−0.63	6.36	2.86	5.11	+2.30	2.61	−0.32	0.13	−2.17	35.59	− 5.69
Searcy	2.15	−2.03	1.50	−2.05	0.20	−5.27	0.50	−4.94	0.25	−4.60	1.10	−2.40	2.60	+0.11	0.04	−3.69	2.66	−0.63	8.06	+4.87	5.16	−0.32	0.20	−4.52	24.42	−25.47
Springbank	5.77	+1.77	2.49	−1.18	2.49	−2.36	2.09	−5.33	3.05	−1.19	0.12	−4.24	7.80	+4.22	0.94	−3.25	2.77	−0.53	5.93	+2.87	13.00	+9.53	3.09	−1.76	49.54	− 1.39
Story	.....	.....	3.85	.....	0.15	.....	3.14	.....	3.12	.....	1.95	.....	5.67	.....	1.14	.....	8.18	.....	5.27	.....	3.18	.....	2.13	.....	.....	.....
Stuttgart	2.95	−1.96	5.39	+1.78	0.80	−4.97	0.22	−5.00	5.30	−1.39	0.31	−3.88	3.90	−0.58	1.31	2.27	1.27	−2.17	7.35	+4.42	9.08	+5.09	1.57	−3.14	36.85	−13.99
Sulphur	1.59	−1.61	3.38	+0.78	2.73	−0.08	3.44	−0.84	1.19	−4.39	1.73	−2.24	6.74	+3.36	3.25	−0.63	6.36	+3.22	7.21	+4.12	3.49	+0.87	0.32	−2.66	41.63	− 0.59
Texarkana	3.23	−0.01	3.37	−0.43	1.87	−2.32	3.81	−1.42	3.77	−0.33	1.58	−2.05	5.09	+1.67	1.88	−1.32	4.15	+1.12	7.47	+4.76	6.22	+3.07	1.50	−2.03	43.94	+ 1.87
Tuckerman	.....	.....	.....	.....	.....	.....	.....	.....	0.63	.....	1.00	.....	8.45	.....	0.70	.....	7.20	.....	8.70	.....	4.70	.....	2.05	.....	.....	.....
Waldron	2.18	.....	3.14	.....	1.55	.....	3.85	.....	1.28	.....	4.41	.....	8.80	.....	1.46	.....	5.20	.....	6.32	.....	2.49	.....	2.71	.....	43.39	.....
Warren	4.52	−0.03	2.55	−1.78	2.55	−3.03	0.90	−4.95	1.88	−2.71	0.37	−3.61	3.19	−0.24	0.59	−3.70	4.18	0.00	9.33	+5.84	9.67	+5.70	3.70	−1.73	42.79	−10.24
Waters	.....	.....	3.80	.....	0.81	.....	3.76	.....	1.65	.....	2.78	.....	6.40	.....	1.05	.....	6.08	.....	6.61	.....	4.46	.....	0.97	.....	.....	.....
Wheatcliffs	4.12	+1.00	3.92	+0.90	0.85	−3.33	3.00	−3.11	2.36	−2.54	3.85	+0.34	4.90	+2.76	0.09	−3.41	2.49	−0.10	4.72	−1.74	4.30	+1.36	1.30	−2.59	35.81	− 6.79
Wynne	2.13	−2.62	5.22	+1.68	1.39	−3.61	0.91	−4.68	1.46	−3.00	1.98	−1.57	4.43	+0.65	2.69	−1.29	3.64	+0.21	7.70	+3.81	6.55	+2.90	0.66	−4.10	38.76	−11.62
Yancopin	3.41	.....	5.77	.....	3.09	.....	0.50	.....	5.58	.....	0.74	.....	3.16	.....	2.24	.....	3.71	.....	8.94	.....	12.04	.....	3.33	.....	52.81	.....

Departures from the normal precipitation are based on records of ten or more years.


95
94
93
92
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36
35
34
33
Gravette
Bentonville
Rogers
Eureka Springs
CARROLL
BOONE
Dodd City
Harrison
BAXTER
MARION
Mammoth Springs
Mountain Home
FULTON
Hardy
RANDOLPH
Pocahontas
Corning
CLAY
BENTON
Fayetteville
WASHINGTON
Lincoln
MADISON
Pindall
NEWTON
SEARCY
Marshall
IZARD
Calico Rock
Evening Shade
SHARP
Black Rock
GREENE
LAWRENCE
Dutton
Nail
Arlberg
STONE
Batesville
White
INDEPENDENCE
Newport
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
CRAWFORD
FRANKLIN
Ozark
JOHNSON
Lutherville
VAN BUREN
Clinton
Okay
Higden
CLEBURNE
Heber Springs
JACKSON
POINSETT
Marked Tree
Fort Smith
Arkansas
Subiaco
POPE
Bee Branch
CONWAY
Dam No. 1
WHITE
Patterson
Searcy
CROSS
Wynne
CRITTENDEN
White River
SEBASTIAN
LOGAN
Bocneville
Dardanelle
Morrillton
FAULKNER
Georgetown
WOODRUFF
Conway
Danville
River
ST. FRANCIS
YELL
PERRY
Waldron
Umphers
SCOTT
PULASKI
Little Rock
LONOKE
PRAIRIE
Brinkley
MONROE
Clarendon
LEE
Marianna
Helena
Mena
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
SALINE
England
Stuttgart
PHILLIPS
POLK
Malvern
HOT SPRINGS
Sheridan
GRANT
JEFFERSON
ARKANSAS
Pine Bluff
Snow Lake
Mississippi
Grannis
HOWARD
Amity
PIKE
Murfreesboro
Arkadelphia
CLARK
Princeton
Risen
DALLAS
CLEVELAND
LINCOLN
Dumas
SEVIER
White Cliffs
Prescott
DESHA
LITTLE RIVER
HEMPSTEAD
Hope
NEVADA
OUACHITA
Camden
CALHOUN
Warren
DREW
Arkansas City
Fulton
Red River
Texarkana
Ouachita River
BRADLEY
MILLER
LAFAYETTE
Magnolia
COLUMBIA
El Dorado
UNION
Junction
Huttig
Portland
ASHLEY
CHICOT
Spring Bank
ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.



COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
ity	G. C. Thrash	Dutton	J. M. Ricketts	Junction	J. A. Lauderbach	Pindall	W. W. Wood
adelphia	F. J. Carpenter	El Dorado	J. J. Babb	Lambrook	Gerard B. Lambert Co.	Pine Bluff	Miss Theresa Scheu
ansas City	Geo. E. Payne	England	Dr. R. H Hardin	Little Rock	U. S. Weather Bureau	Pocahontas	Benedictine Sisters
berg	I. D. Reeves	Eureka Springs	Geo. W. Nichoalds	Lutherville	H. G. Lenhardt	Portland	W. E. Edmiston
esville	Mrs. Lelia I. Teter	Evening Shade	B. F. Graddy	Mc Gehee	P. T. Simons	Prescott	C. D. Calhoun
Branch	J. E. Scanlan	Fayetteville	University of Ark.	Magnolia	State Agr. School	Princeton	Foote Coleman
tonville	U. S. Weather Bureau	Fort Smith	U. S. Weather Bureau	Malvern	Mrs. W. L. Matthews	Rison	Mrs. M. V. Tisdale
ck Rock	Vernon C. Howe	Freeman Springs	J. R. Mc Cuiston	Mammoth Spring	F. M. Daniel	Rogers	Carl A. Starck
neville	F. H. Randolph	Fulton	T. J. Logan	Marianna	C. N. Houck	Searcy	J. T. Bell
nkley	H. L. D. Whitson	Georgetown	W. R. Owens	Marked Tree	Chas. W. Walton	Springbank	Miss Grace Field
ico Rock	W. J. Copp	Gilbert	Ben. F. Battenfield	Marshall	A. J. Park	Story	S. C. Story
den	A. B. Quarterman	Grady	O. C. Des Jardin	Mena	E. W. St John	Stuttgart	A. F. Buerkle
terpoint	John C. Floyd	Grannis	W. E Mc Vay	Morrillton		Subiaco	New Subiaco Abbey
rendon	J. W. Bishop	Gravette	A. F. Stevens	Mountain Home	B. S. Halbert	Texarkana	H. S. Brashear
nton	A. L. Stephens	Harrison	G. L. Wright	Mount Ida	G. A. Whittington	Thornburg	T. Y. Powell
nway	C. C. Cordrey	Heber Springs		Murfreesboro	Henry A. Davis	Waldron	Dr. Cheves Bevil
ming	Winfred D Polk	Helena	James A. Burnett	Nail		Warren	W. L. Shide
n No. 1	J. O. Yingling	Higden	George W. Baker	Newport	A. C. Wilkerson	Waters	J. R. Huddleston
nville	C. P. Evans	Hope	N. P. O'Neal	Osceola	June Thomason	Whitecliffs	Miss N. O. Schirmer
rdanelle	J. D. Riley	Hot Springs	P. P. Patraw	Ozark	Isham Burrow	Wynne	E. O. Allen
ld City	Neal Dodd	Huttig	J. L. Collett	Patterson	W. E. Baker	Yancopin	W. E. Barton
mas	Ben Johnson	Jonesboro	Benedictine Sisters	Piggott	H. H. Harlan		

EXCESSIVE PRECIPITATION FOR 1925

Station and date	Total duration From—	Total duration To—	Total amount of precipitation	Excessive rate Began—	Excessive rate Ended—	Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated: 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
Feb. 22	12:10 a.m.	D.N. a.m.	1.14	12:31 a.m.	12:56 a.m.	0.06	0.10	0.26	0.44	0.54	0.62	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 2	8:35 p.m.	9:50 p.m.	0.57	9:14 p.m.	9:26 p.m.	0.04	0.17	0.47	0.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 5	3:15 p.m.	7:55 p.m.	0.98	4:26 p.m.	4:59 p.m.	0.04	0.24	0.41	0.55	0.65	0.73	0.81	0.85	.....	.....	.....	.....	.....	.....	.....
July 13	2:07 p.m.	5:15 p.m.	0.66	2:25 p.m.	2:36 p.m.	0.02	0.29	0.46	0.48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 22	[a]6:07 p.m.	D.N. a.m.	1.70	2:15 a.m.	2:46 a.m.	0.71	0.19	0.36	0.56	0.70	0.79	0.88	0.91	.....	.....	.....	.....	.....	.....	.....
Sept. 10	6:40 p.m.	7:45 p.m.	0.57	6:51 p.m.	7:08 p.m.	0.01	0.13	0.30	0.47	0.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 14	1:50 a.m.	8:05 a.m.	1.46	3:36 a.m.	3:50 a.m.	0.31	0.26	0.37	0.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 15	3:45 a.m.	5:30 a.m.	2.16	3:51 a.m.	5:10 a.m.	0.01	0.40	0.69	0.86	1.10	1.26	1.42	1.53	1.54	1.60	1.61	1.62	2.11	.....	.....
Oct. 7	7:12 a.m.	2:42 p.m.	1.46	8:18 a.m.	8:46 a.m.	0.11	0.05	0.19	0.28	0.56	0.69	0.74	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 8	1:30 a.m.	9:15 a.m.	0.99	5:42 a.m.	6:06 a.m.	0.09	0.11	0.24	0.40	0.47	0.52	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 14	8:32 p.m.	10:15 p.m.	0.59	9:18 p.m.	9:33 p.m.	0.07	0.07	0.33	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 4	6:15 p.m.	7:30 p.m.	1.32	6:38 p.m.	7:23 p.m.	0.01	0.11	0.16	0.40	0.68	1.04	1.10	1.17	1.18	1.30	.....	.....	.....	.....	.....
Dec. 3	7:34 p.m.	8:55 p.m.	0.94	7:51 p.m.	8:14 p.m.	0.02	0.12	0.27	0.54	0.72	0.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
LITTLE ROCK, ARK.																				
Feb. 1	D.N. p.m.	[b]D.N. a.m.	0.55	10:02 p.m.	10:08 p.m.	0.01	0.27	0.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Feb. 22	7:40 a.m.	11:35 a.m.	1.06	10:00 a.m.	10:13 a.m.	0.43	0.37	0.52	0.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 13	6:00 p.m.	7:35 p.m.	0.52	6:24 p.m.	6:36 p.m.	0.01	0.12	0.42	0.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 10	4:04 p.m.	6:20 p.m.	1.70	4:09 p.m.	5:19 p.m.	0.01	0.07	0.12	0.17	0.35	0.47	0.62	0.75	0.88	1.05	1.15	1.26	1.51	.....	.....
June 18	1:59 p.m.	4:35 p.m.	0.58	2:40 p.m.	2:57 p.m.	0.12	0.08	0.24	0.36	0.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 19	[a]4:43 p.m.	9:50 a.m.	1.72	4:50 a.m.	5:45 a.m.	0.47	0.06	0.14	0.27	0.35	0.47	0.53	0.56	0.64	0.70	0.74	0.83	.....	.....	.....
Aug. 15	D.N. a.m.	5:40 a.m.	0.72	4:44 a.m.	5:00 p.m.	0.04	0.22	0.39	0.50	0.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept 23	6:48 p.m.	8:30 p.m.	0.46	6:45 p.m.	6:55 p.m.	0.01	0.22	0.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 25	11:45 a.m.	1:10 p.m.	0.73	12:30 p.m.	12:46 p.m.	0.10	0.07	0.23	0.53	0.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 4	5:10 p.m.	6:35 p.m.	0.77	5:48 p.m.	6:11 p.m.	0.06	0.23	0.43	0.51	0.60	0.68	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 8	6:46 a.m.	3:30 p.m.	1.18	9:09 a.m.	9:27 a.m.	0.23	0.13	0.31	0.44	0.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 16	[a]D.N. p.m.	11:35 a.m.	1.50	8:11 a.m.	8:25 a.m.	0.57	0.21	0.52	0.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 4	[a]9:15 p.m.	11:30 a.m.	1.75	3:08 a.m.	3:34 a.m.	0.14	0.08	0.16	0.26	0.49	0.81	0.89	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 26	2:30 p.m.	6:05 p.m.	0.50	4:58 p.m.	5:05 p.m.	0.16	0.25	0.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis Tenn.																				
Mar. 13	9:10 p.m.	[b]D.N. a.m.	1.07	9:28 p.m.	9:55 p.m.	0.02	0.13	0.36	0.53	0.61	0.73	0.77	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 3	12:32 p.m.	3:50 p.m.	0.37	1:05 p.m.	1:08 p.m.	0.01	0.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 21	6:40 a.m.	11:00 a.m.	1.41	7:14 a.m.	7:46 a.m.	0.04	0.13	0.22	0.34	0.58	0.87	1.07	1.13	.....	.....	.....	.....	.....	.....	.....
July 30	11:50 a.m.	3:05 p.m.	0.89	12:00 m.	12:28 p.m.	0.01	0.14	0.33	0.51	0.57	0.77	0.88	.....	.....	.....	.....	.....	.....	.....	.....
July 30	8:05 p.m.	D.N. p.m.	0.88	8:23 p.m.	9:08 p.m.	0.03	0.07	0.16	0.28	0.38	0.46	0.54	0.61	0.70	0.76	.....	.....	.....	.....	.....
Aug. 9	D.N. a.m.	6:30 a.m.	1.45	4:37 a.m.	6:02 a.m.	0.02	0.18	0.36	0.50	0.57	0.59	0.60	0.62	0.65	0.72	0.76	0.87	1.33	1.43	.....
Aug. 11	3:02 p.m.	3:58 p.m.	0.57	3:12 p.m.	3:33 p.m.	0.03	0.05	0.23	0.36	0.47	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 13	1:57 p.m.	2:48 p.m.	0.56	2:12 p.m.	2:32 p.m.	0.06	0.14	0.32	0.41	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 1	11:36 a.m.	3:25 p.m.	2.61	12:28 p.m.	1:31 p.m.	0.36	0.09	0.29	0.65	0.87	0.99	1.12	1.15	1.16	1.20	1.34	1.69	1.83	.....	.....
Oct. 4	2:20 p.m.	D.N. p.m.	1.46	2:23 p.m.	2:46 p.m.	0.01	0.08	0.17	0.20	0.41	0.51	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] On previous date. [b] On following date.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1925

Month	Temperature, in degrees Fahrenheit: Mean	Departure	Highest	Lowest	Precipitation, in inches: Average	Departure	Greatest 24-hr. amount	Number of rainy days	Sky: Clear	Pt. cloudy	Cloudy	Prevailing direction of the wind
January	40.8	− 0.1	76	− 4	2.68	− 1.55	5.77	8	14	4	13	n
February	49.3	+ 7.1	83	12	5.37	+ 0.09	6.65	6	12	7	9	"
March	55.9	+ 3.3	89	7	1.69	− 3.01	5.68	4	18	6	7	"
April	67.4	+ 6.2	98	28	2.62	− 2.16	7.15	6	14	9	7	"
May	68.0	− 1.2	102	26	1.58	− 3.24	5.58	4	17	7	7	"
June	82.3	+ 5.5	108	46	2.08	− 2.00	6.66	4	17	9	4	"
July	81.8	+ 1.9	109	47	4.99	+ 1.07	10.41	10	11	11	9	"
August	80.3	+ 0.9	108	47	1.81	− 2.02	7.14	4	22	7	2	"
September	80.5	+ 6.6	113	47	5.96	+ 2.63	15.61	7	16	7	7	"
October	58.7	− 3.6	98	13	7.73	+ 4.73	13.89	10	12	5	14	n
November	50.4	− 1.1	89	15	5.67	+ 2.10	14.41	8	16	4	10	n
December	40.2	− 1.9	80	− 6	1.71	− 2.38	5.30	3	15	5	11	n
Annual	63.0	+ 2.0	113	− 6	42.19	− 5.74	15.61	74	184	81	100	"

CORRECTIONS 1925

General Table

January: Mean temperature departure for State should be 0.1.
February: Malvern, mean temperature should be 51.2
March: Hope, mean temperature should be 57.2a.
March: Mammoth Spring, precipitation departure should be + 3.43.
May: Fort Smith, mean temperature should be 68.4.
May: Hope, temperature departure should be 2.3.
June: Brinkley, temperature departure should be + 6.2
June: Jonesboro, precipitation departure should be 2.39.
July: Hot Springs, precipitation departure should be + 1.92.
July: Searcy, mean temperature should be 81.1.
July: Texarkana, precipitation departure should be +1.67.
August: Bentonville, temperature departure should be 0.8.
September: Bentonville, temperature, departure should be 6.7.
October: Evening Shade, mean temperature should be 57.0.

Comparative Data Table

September: Average precipitation should be 5.96 inches.

MISCELLANEOUS PHENOMENA, 1925

Number of reports and number of days on which reported

Month	Hail, moderate: Reports	Days with	Hail, heavy: Reports	Days with	Thunderstorms: Reports	Days With	Dense fog: Reports	Days with	Sleet: Reports	Days with	Glaze: Reports	Days with	Winds, high, not tornadoes: Reports	Days with	Value property damaged
January	.....	.....	.....	.....	8	3	4	4	41	11	.....	.....	.....	.....	.....
February	2	2	.....	.....	156	17	1	1	12	4	.....	.....	.....	.....	.....
March	1	1	1	1	157	19	4	3	3	2	.....	.....	‡	1	slight
April	1	1	1	1	235	23	2	1	.....	.....	.....	.....	‡	4	slight
May	.....	.....	2	2	136	20	5	3	.....	.....	.....	.....	.....	.....	.....
June	.....	.....	.....	.....	289	25	.....	.....	.....	.....	.....	.....	.....	.....	.....
July	.....	.....	.....	.....	487	31	1	1	.....	.....	.....	.....	.....	.....	.....
August	.....	.....	.....	.....	241	21	1	1	.....	.....	.....	.....	.....	.....	.....
September	.....	.....	.....	.....	237	21	14	6	.....	.....	.....	.....	.....	.....	.....
October	.....	.....	.....	.....	165	16	15	6	18	2	.....	.....	.....	.....	.....
November	.....	.....	1	1	81	16	21	10	2	2	.....	.....	.....	.....	.....
December	6	3	.....	.....	30	5	1	1	3	2	.....	.....	.....	.....	.....
Year	10	7	5	5	2222	217	69	37	79	23	0	0	.....	5	.....

‡ Throughout State.

TORNADOES, 1925

Places and dates	Hour	Number persons killed	Value property destroyed
Mulberry, Crawford Co. Feb. 8	9:00 a.m.	0	$20,000
Bearden, Ouachita Co. Feb. 22	10:00 a.m.	0	$15,000
Stuttgart, Arkansas Co. Feb. 22	11:30 a.m.	0	$500
Blytheville, Mississippi Co. Nov. 26	2:30 p.m.	0	$4,000
Marshall, Searcy Co. Dec. 3	11:00 p.m.	0	$1,500

1.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.
HARVEY S. COLE, Metorologist
VOL. XXXI LITTLE ROCK, ARK., JANUARY, 1926 No. 1

GENERAL SUMMARY

There were no unusual features of Arkansas' weather during January. The temperature averaged 0.6° below normal and the precipitation 0.59 inch above normal, all extremes being well within the limits established by previous records. There were two cold periods during the month, from the 7th to the 14th, and from the 21st to the 26th. During the remainder of the month temperatures were generally somewhat above normal. Much of the precipitation on the 21st and 22nd fell as snow in northern and central sections of the State and in some northern localities remained on the ground five or six days. The melting snow and locally heavy rains caused the smaller streams to reach moderately high stages, the Black, Ouachita, Little Red, Cache, and Petit Jean reaching flood stages. The weather as a whole was favorable for outdoor work. Some cotton was still in the fields the first of the month and most of this was picked during January, the amount remaining unpicked at the close of the month being small and of such quality as to hardly justify picking. Rice harvest was completed and the crop threshed. The weather was favorable for winter grains, all being in good condition at the close of the month. Some spring plowing was done in southern counties. There were no destructive hail or wind storms reported. W.C.H.

TEMPERATURE

The monthly mean temperature for January, as determined from the records of 56 stations, was 40.5° which is 0.6° below normal. Positive departures occurred in northeastern sections of the State and from Yell County westward, negative prevailing elsewhere. Monthly means ranged from 46.0° at Magnolia to 33.2° at Mammoth Spring, a difference of 12.8° between northern and southern border counties. The highest temperature recorded was 77° at Booneville on the 20th, the lowest, 17° below zero at Harrison on the 23rd. Extremes occurred on approximately these dates throughout the State. The greatest daily range was 50° at Harrison on the 23rd.

PRECIPITATION

The average precipitation for 84 stations was 4.69 inches which is 0.59 inch above the average of the past 35 years. Monthly totals ranged from 9.18 inches at Corning to 1.87 inches at Mountain Home. Monthly amounts were unevenly distributed, positive and negative departures occuring throughout the State. An appreciable amount of snow fell at 57 stations and averaged 3.7 inches. The greatest depth measured was 16.5 inches at Gilbert, Searcy County. The average number of days with 0.01 inch or more precipitation was 7.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:—3rd, 1; 16th, 2; 18th, 1; 20th, 7; 21st, 7; 25th, 1; 30th, 5; 31st, 4.

Dense Fog:—2nd, 1; 3rd, 2; 4th, 4; 5th, 3; 6th, 1; 10th, 1; 17th, 1; 19th, 1; 24th, 1.

Solar Halos:—14th, 3; 22nd, 3; 23rd, 1.

Lunar Halos:—22nd, 2; 23rd, 3.

Sleet:—21st, 13.

Light Hail:—21st, 1; 30th, 1; 31st, 1.

MISCELLANEOUS DATA

Stations.	Pressure, Sea-level. Mean.	Highest	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity.	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville	30.09	30.86	22	29.54	31	4,296	27	s.	30	.....	.....	56
Fort Smith	30.09	30.75	22	29.45	17	6,325	28	w.	31	82	68	50
Little Rock.	30.10	30.76	22	29.56	17	6,304	34	n.	21	76	61	50
Memphis.	30.11	30.73	22	29.53	17	6,021	35	sw.	17	82	67	46

COMPARATIVE DATA FOR JANUARY

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.1**		**86**	**- 23**	**4.10**		**12**	**6**	**13**	**7**
1891	41.6	+0.5	71	13	5.34	+ 1.24	10	6	15	10
1892	34.7	−6.4	81	−12	2.48	− 1.62	18	5	8	6
1893	38.5	−2.6	80	−13	1.13	− 2.97	17	8	6	2
1894	43.5	+2.4	77	−22	3.63	− 0.47	13	8	10	7
1895	36.9	−4.2	78	− 5	5.19	+ 1.09	9	6	16	8
1896	41.4	+0.3	78	4	4.09	− 0.01	10	6	15	8
1897	38.9	−2.2	76	− 2	6.78	+ 2.68	13	5	13	8
1898	45.5	+4.4	81	10	7.93	+ 3.83	10	8	13	9
1899	39.3	−1.8	75	− 9	5.91	+ 1.81	12	6	13	7
1900	43.4	+2.3	78	1	2.69	− 1.41	13	7	11	7
1901	45.6	+4.5	78	7	2.21	− 1.89	16	7	8	5
1902	38.0	−3.1	79	2	4.13	+ 0.03	11	6	14	8
1903	40.2	−0.9	80	7	2.60	− 1.50	13	8	10	6
1904	38.9	−2.2	75	− 5	3.81	− 0.29	15	8	8	6
1905	33.3	−7.8	73	13	4.58	+ 0.48	12	8	11	6
1906	43.1	+2.0	82	− 2	5.19	+ 1.09	14	5	12	6
1907	49.2	+8.1	82	− 8	5.80	+ 1.70	8	7	16	1
1908	41.7	+0.6	78	6	3.75	− 0.35	14	7	10	17
1909	43.8	+2.7	82	−19	1.79	− 3.31	4	7	20	6
1910	41.8	+0.7	78	− 7	2.59	− 1.51	16	6	9	6
1911	47.6	+6.5	86	− 9	1.02	− 3.08	8	0	18	6
1912	34.3	−6.8	79	−16	3.01	− 1.09	13	10	8	6
1913	44.0	+2.9	78	− 1	8.45	+ 4.35	12	17	12	0
1914	46.6	+5.5	82	7	1.57	− 2.53	13	9	9	14
1915	39.3	−1.8	74	− 3	4.38	+ 0.28	10	6	15	8
1916	44.3	+3.2	82	− 6	9.39	+ 5.29	8	4	19	2
1917	44.0	+2.9	82	− 4	3.66	− 0.44	11	5	15	17
1918	27.3	−13.8	80	−23	4.39	+ 0.29	13	4	14	5
1919	41.4	+0.3	75	− 3	3.00	− 1.10	16	5	10	6
1920	39.6	−1.5	82	11	6.49	+ 2.39	12	4	15	8
1921	46.9	+5.8	85	6	2.07	− 2.03	11	6	14	6
1922	39.1	−2.0	74	4	2.63	− 1.47	8	5	18	7
1923	48 6	+7.5	80	15	5.78	+ 1.68	14	5	12	9
1924	36.1	−5 0	79	− 6	3 19	− 0.91	15	3	13	7
1925	40.8	−0.3	76	− 4	2.68	− 1.42	14	4	13	8
1926	40.5	−0.6	77	−17	4.69	+ 0.59	13	6	12	7

CORRECTIONS: DECEMBER, 1925.—Maximum temperature Corning on 22d should be blank. Minimum temperature Corning on 22nd should be blank. Mean maximum should be 47.6°; mean minimum 31.1°; monthly mean 39.4°. Departure from normal should be 0.0°. Highest should be 66° on 12th. Corning annual mean temperature should be 61.0°, annual departure +3.0°. Maximum temperature Jonesboro on 8th should be blank. Mean maximum should be 47.8°. Monthly mean 39.2°. Departure from normal—0.6°. Highest should be 66° on 11th. Annual mean temperature should be 62.9°, annual departure +1.9°. Maximum temperature Lambrook 27th should be blank. Mean maximum should be 51.4°. Monthly mean shold be 39.8°. Highest should be 71° on 3d.

Climatological Data for January, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	31	41.4	−1.7	64	16+	19	22+	34	2.25	−2.26	1.40	0.0	3	11	8	12	sw.	G. C. Thrash.
Arkadelphia	Clark	250	30								5.70	+1.73	1.90	0.0	7	9	3	19	n.	F. J. Carpenter.
Arkansas City	Desha	145	42								5.65	+0.95	1.20	0.5	7	9	2	20		Carl R. Cutting.
Arlberg	Stone	700	4								4.20		1.90	5.5	8	10	10	11	se.	J. D. Reeves
Batesville	Independence	277	27	36.4	−2.4	65	19	2	23	42	5.64	+1.45	2.32	2.0	6	15	0	16	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	38.9	−2.4	64	19	10	23	31	4.54	+0.44	2.60	0.6	9	13	4	14	w.	J. E. Scanlan.
Bentonville	Benton	1303	21	35.8	+1.7	63	19	− 7	23	37	2.51	−0.12	1.03	10.2	11	13	8	10	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	24								4.13	−0.17	1.50	2.2	9	13	4	14		Vernon C. Howe.
Booneville	Logan	465	12	41.4	+1.4	77	20	8	22	37	3.89	−0.94	2.18	2.0	8	15	8	10	e.	F. H. Randolph.
Brinkley	Monroe	205	39	43.0	+1.2	68	19	16	22	39	7.23	+2.26	2.68	0.8	8	16	2	13	n.	H. L. D. Whitson.
Calico Rock	Izard	361	22	36.6	+0.4	68	19	− 4	23+	46	2.98	−0.60	1.21	5.0	6	11	11	9	s.	W. J. Copp.
Camden	Ouachita	158	41	42.4	−2.5	70	19	21	14+	40	7.85	+3.25	4.02	0.0	9	9	6	16	sw.	A. B. Quarterman.
Center Point	Howard	470	27	43.4	−2.0	67	19	18	22	30	4.56	+0.82	2.96	T.	6	10	7	14	s.	John C. Floyd.
Clarendon	Monroe	200	22								5.77	+1.43	2.15	1.1	9	7	6	18	n.	J. W. Bishop.
Clinton	Van Buren	516	5								3.23		2.81	0.9	4	6	13	12	sw.	A. L. Stephens.
Conway	Faulkner	309	43	41.2	− 0.8	69	19	15	23	40	5.28	+1.03	3.29	2.0	6	18	6	7	s.	E. F. Cordrey.
Corning	Clay	293	33	38.5	+ 1.2	66	20	0	23	37	9.18	+5.49	3.60	5.0	5	20	6	5	sw.	Winfred D. Polk
Dam No. 1‡‡	White	190	3								5.77		2.30	0.3	8	15	8	8	sw.	J. O. Yingling.
Danville	Yell	327	10								5.83	+2.44	2.50	T.	6	11	2	18	w.	C. P. Evans.
Dardanelle	Yell	330	40	42.4	+2.2	70	19	18	22	40	4.72	+1.43	3.00	1.0	4	13	2	16	n.	J. D. Riley.
Dodd City	Marion	1175	43	36.8	− 0.8	66	19	−10	23	40	4.40	+1.37	1.20	12.0	6	9	12	10	nw.	Neal Dodd.
Dumas	Desha	162	20	43.4	+0.4	69	19	21	23	39	4.20	−0.79	1.88	T.	10	11	9	11	n.	Ben Johnson.
Dutton	Madison	1590	23	34.6	−1.3	61	19	−13	23	46	2.35	−1.57	1.05	7.0	6	12	9	10	s.	J. M. Ricketts
El Dorado	Union	270	25	45.8	0.0	72	19	22	23	34	4.50	+1.31	1.36	0.6	11	8	6	17	sw.	J. J. Babb.
England	Lonoke	229	19	42.6	-0.3	70	19	17	23	35	6.17	+2.11	2.93	T.	11	15	2	14	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	26	37.8	+0.2	66	19	− 2	23	36	8.53	+0.45	1.12	10.0	7	12	8	11	sw.	Geo. W. Nicholds.
Evening Shade	Sharp	660	3	37.8		67	19+	− 5	23	38	4.10		2.00	5.0	6	8	17	6	sw.	B. F. Craddy.
Fayetteville	Washington	1451	39	37.4	−0.6	63	19	− 6	23	36	2.63	−0.36	0.93	9.8	7	13	8	10	sw.	University of Arkansas
Fort Smith	Sebastian	457	45	39.8	+0.3	69	19	13	23	30	3.67	+1.16	1.72	2.3	8	9	8	14	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	2								4.21		0.99	3.9	10	13	4	14	sw.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40								4.27	+0.18	1.80	T.	6	11	4	16		F. J. Logan.
Georgetown	White	200	11								5.91	+0.42	1.90	1.5	7	10	4	17	s.	W. R. Owens
Gilbert	Searcy	675	3								3.50		1.04	16.5	7	14	9	8		Ben F. Battenfield.
Grady	Lincoln	172	2								5.42		3.02	0.0	5					P. T. Simons
Grannis	Polk	900	8	39.2		66	19	8	22	33	5.64		2.67	0.8	8	15	7	9	n.	W. E. Mc Vay.
Gravette	Benton	1250	21	35.8	−0.9	63	19	−14	23	47	2.48	−0.02	0.97	8.2	7	11	14	6	sw.	A. F. Stevens.
Harrison	Boone	1352	25	37.0[a]		68[a]	19	−17[a]	23	50[a]	2.90	+0.01	1.25	10.0	4	14	7	10	nw.	G. L. Wright.
Helena	Phillips	193	54	42.8	0.2	70	16+	19	23+	44	5.28	−0.09	2.42	2.5	9	11	1	19	s.	James A. Burnett.
Higden	Cleburne	445	8								4.51		2.89	0.3	9	14	6	11	sw.	Geo. W. Baker.
Hope	Hempstead	377	55	43.8	−1.6	71	19	22	14+	35	5.78	+0.80	2.84	T.	7	11	8	12	ne.	N. P. O' Neal
Hot Springs	Garland	600	35	42.2	−0.9	68	19	16	23	33	5.73	+0.97	3.05	6.5	9	12	8	11		P. P. Patraw.
Huttig	Union	175	19								4.70	+0.23	1.50	0.2						J. L. Collett.
Index	Little River	275	1								4.26		1.65	0.0	6	11	0	20		H. D. Sanderson.
Jonesboro	Craighead	345	31	40.4	0.0	63	19+	12	22+	29	6.13	+0.90	3.72	1.3	8	21	4	6	n.	Benedictine Sisters.
Junction ‡‡	Union	182	32	44.5	−1.1	70	19	23	22	35	3.76	−0.14	1.05	0.5	6	15	5	11	n.	J. A. Lowderback.
Lambrook	Phillips	155	3	40.2[c]		65[c]	16+	16[c]	14	46[c]	4.70		3.40	0.0	3	10[f]	4[f]	11[f]	e.	G. B. Lambert Co.
Little Rock	Pulaski	357	47	41.5	+0.1	67	19	16	22	31	4.42	−0.37	2.05	0.2	10	12	7	12	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	27	39.2	-0.8	66	19	10	23	33	3.67	+0.23	2.00	2.2	6	12	7	12	e.	H. G. Lenhardt.
Mc Gehee	Desha	148	2								3.82		1.02	1.5	9	14	13	4		P. T. Simons.
Magnolia	Columbia	315	7	46.0[a]		72[a]	21	22[a]	23	33[a]	5.69		2.10	0.0	7	10[a]	7[a]	13[a]	ne.	State Agri. School.
Malvern	Hot Springs	277	39	42.8	−0.4	69	19	18	23	37	5.34	−0.15	2.00	T.	7	13	9	9	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	33.2	−3.6	64	19	−12	23	45	3.63	+0.24	1.10	8.0	7	14	11	6	nw.	F. M. Daniel.
Marianna	Lee	205	14	42.2	+2.0	67	19	17	23	36	4.49	−0.29	2.97	T.	5	6	17	8	n.	C. N. Houck.
Marked Tree	Poinsett	229	21	38.6		64	18	15	22+	38	6.06	+0.57	2.22	1.0	9	12	10	9	se.	Charles Walton
Marshall	Searcy	1079	12	38.8	+0.4	66	20	−10	23	42	3.26	−0.58	2.06	8.8	8	15	4	12	se.	A. J. Park.
Mena	Polk	1185	38	40.7	−0.6	62	19+	13	22	30	4.73	+0.94	1.91	0.0	6	14	3	14	sw.	E. W. St. John.
Mountain Home	Baxter	800	12	37.3	+0.1	67	19	− 9	23	41	1.87	−0.78	0.72	5.8	4	15	1	15	w.	B. S. Halbert
Mount Ida	Montgomery	650	27	40.9	+0.2	69	19	15	14	43	6.00	+1.69	3.85	2.0	5	9	7	15	nw	G. A. Whittington.
Murfreesboro	Pike	367	11								5.44	+2.31	2.61	0.0	6	13	8	10		Henry A. Davis.
Newport	Jackson	231	42	41.0	+1.8	67	19	12	23	32	5.62	+0.70	2.10	0.5	8	14	9	8	n.	A. C. Wilkerson.
Osceola	Mississippi	240	28	41.9	+2.1	76	30	14	22+	37	5.41	+0.26	3.98	1.5	7	12	8	11	n.	June Thomason
Ozark	Franklin	450	30	40.2	−0.8	70	19	14	23	35	2.19	−0.30	0.76	T.	7	9	5	17	nw.	Isham Burrow.
Patterson	Woodruff	196	10								6.94	+2.25	3.20	1.0	6	13	0	18	n.	W. E. Baker
Piggott	Clay	397	2								4.12		2.60	2.5	6	19	3	9	sw.	H. H. Harlan.
Pindall	Searcy	1500	4								3.32		1.35	9.1	8	14	4	13	sw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	43.8	+0.7	72	19	20	23	34	6.59	+1.55	2.70	T.	9	13	8	10	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	360	32	38.9	+0.9	64	21	− 1	23	35	4.93	+0.69	2.85	5.3	6	14	8	9	s.	Benedicitine Sisters.
Portland	Ashley	122	20	45.8	−0.5	74	30	22	14+	43	3.14	−1.91	0.88	T.	8	14	4	13	sw.	W. E. Edmiston.
Prescott	Nevada	329	38	43.2	−0.9	71	19	20	23	37	3.70	−0.64	1.78	0.0	7	12	5	14	nw.	C. D. Calhoun.
Princeton	Dallas	287	20								5.42	+1.13	2.19	0.0	4	12	4	15		Foote Coleman.
Rison	Cleveland	243	25	45.4	+1.8	70	19	21	22	35	6.46	+1.12	2.85	1.4	7	14	10	7	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	35	36.6	−0.3	64	16+	−11	23	41	3.13	+0.67	1.50	10.0	6	7	14	10	w.	Carl A. Starck.
Searcy	White	236	17	39.2	−1.2	68	17	14	23	35	5.70	+1.52	3.40	0.5	6	16	3	12	s.	J. T. Bell.
Springbank ††	Miller	240	19								5.18	+1.18	2.00	T.	7	12	0	19		Miss Grace Field.
Story	Montgomery	700	2								2.75		2.06	0.9	5	16	8	7	n.	S. C. Story.
Stuttgart	Arkansas	228	39	42.8	- 0.6	67	19	19	21	42	7.00	+2.09	2.68	0.1	9	11	11	9	sw.	Adam F. Buerkle.
Subiaco	Logan	1050	29	42.2[b]	+0.8	70[b]	18	14[b]	22	35[b]	4.03	+0.83	2.35	5.0	7	15[a]	3[a]	12[a]	n.	New Subiaco Abbey.
Texarkana	Miller	332	40	4.58	−0.4	72	19+	22	23	40	4.71	+1.47	2.05	0.0	5	13	5	13	n.	H. S. Brashear.
Thornburg	Perry	650	2	41.3		69	20	12	23	36	5.76		3.20	6.0	6	16	7	8	e.	T. Y. Powell.
Waldron	Scott	675	7								4.34		2.22	3.0	8	11	3	17	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	32	44.5	−0.4	69	19	21	23	33	3.82	−0.73	1.05	0.0	6	12	5	14	n	W. L. Shide.
Waters	Montgomery	800	2								4.90		3.10	0.0	4	13	11	7	sw.	J. R. Huddleston.
Whitecliffs	Little River	290	22								5.14	+2.02	2.40	T.	5	10	4	17	sw.	Nannie O. Schirmer
Wynne	Cross	250	18	41.4	+1.2	66	19	17	22+	36	5.69	+0.94	1.90	1.0	9	14	3	14	s.	E. O. Allen.
Yancopin	Desha	167	2								4.18		1.37	0.7	9	13	5	13		W. E. Barton.
State Means and Extremes				40.5	0.6	77	20	−17	23	50	4.69	+0.59	4.02	3.7	7	13	6	12	sw.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] indicate number of days missing. †Also on other dates. ‡‡P office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for January, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.0	4.0	4.2	4.8	4.8	4.7	4.7	4.6	4.6	4.5	5.7	5.2	5.0	4.9	4.7	4.7	5.8	8.0	9.8	10.7	10.0	10.8	10.9	10.5	10.2	9.8	9.4	8.4	8.5	8.2	8
Dardanelle	do	20	1.9	1.8	1.8	1.9	2.1	1.9	1.9	1.8	1.8	1.8	1.8	2.2	2.2	2.4	2.4	2.4	2.5	2.8	3.9	5.9	7.8	10.5	10.5	9.8	8.8	8.0	7.5	7.2	6.0	5.6	5
Little Rock	do	23	-0.7	-0.9	-0.9	-1.0	-0.2	0.0	0.4	0.5	0.4	0.3	0.3	-0.2	-0.2	0.3	0.1	0.1	0.3	0.7	1.3	2.1	5.0	10.0	12.5	12.5	12.0	11.5	10.5	9.5	8.0	6.9	6
Pine Bluff	do	25	3.9	3.7	3.5	3.4	3.4	4.0	4.4	4.6	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.7	4.8	5.0	5.4	6.0	7.0	11.2	14.4	15.2	15.1	14.6	14.2	13.6	12.7	11.6	10
Yancopin	do	29	8.2	7.8	7.5	7.2	7.0	6.9	7.0	7.4	7.6	7.7	7.7	7.6	7.6	7.5	7.4	7.3	7.6	8.2	8.5	8.8	9.5	12.0	17.2	20.3	21.4	22.1	23.0	23.7	24.3	24.8	25
Danville	Petit Jean	20	4.2	4.1	4.1	6.2	5.8	5.6	5.5	5.3	5.3	5.2	5.1	5.0	4.8	4.7	4.7	4.6	5.7	9.1	9.0	9.0	12.3	20.5	22.4	22.6	21.3	19.1	17.0	14.8	11.6	8.8	7

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	1.5	1.4	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.5	1.4	1.4	1.4	1.4	1.6	4.2	4.5	6.0	6.5	6.1	5.8	5.8	5.5	5.7	6.2	6.3	6.7
Batesville	....do	23	7.0	6.5	6.5	6.8	6.8	6.6	6.9	6.7	6.7	6.9	6.9	6.8	6.5	6.5	6.5	6.4	6.7	6.8	6.6	6.8	11.7	14.3	13.4	13.1	12.5	12.1	12.2	12.0	12.0	12.5	12.5
Newport	....do	26	4.9	4.6	4.3	4.3	4.3	4.4	4.2	4.3	4.1	4.1	4.1	4.1	4.0	3.8	3.8	3.6	3.6	4.4	4.8	4.8	6.4	15.3	17.1	17.8	17.9	17.6	17.2	16.7	15.8	15.5	15.5
Dam No. 1	Little Red		0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0 0	0 0	0 0	0.0	0 0	0.8	0.7	0.6	1.5	2.5	1.5	1.2	11.6	23.0	23.7	13.0	10.0	7.8	7.6	7.4	6.7	5.9	5.0
Georgetown	Whi te	22	7.2	6.8	6.4	6.2	6.2	6.2	6.2	6.2	6.1	6.0	6.0	6 0	5.9	5 9	5.8	5.6	5.5	6.6	7.4	7.8	8.6	15.4	18.6	19.6	20.0	20.0	20.0	20.0	20.0	19.9	19.8
Clarendon	....do	30	16.0	15.5	15.1	14.8	14.5	14.3	14.2	14.1	14.0	13.9	13.8	13.6	13.5	13.3	13.2	13.0	13.1	14.1	15.1	15.8	16.5	19.4	21.1	22.3	23.2	24.1	24.9	25.5	25.8	26.0	26.2
Gilbert	Buffalo	30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.8	6.0	6.0	6.0	7.5	7.0	6.8	6.5	6.3	6.1	6.4	6.7	6.4	6.4
Corning	Black	11	7.8	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.5	7.9	8.6	9.3	10.5	11.5	12.1	12.3	12.2	11.9	11.7	11.4	11.3	11.2
Black Rock	....do	14	4.5	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.0	3.9	3.9	4.7	5.4	5.5	5.8	5.9	6.3	6.6	6.9	7.0	7.4	7.9	8.5	9.1	9.5	9.8
Patterson	Cache	9	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.8	5.9	6.3	6.6	6.9	7.0	7.4	7.9	8.5	9.1	9.5	9.8
Arkadelphia	Ouachita	18	0.9	0.8	1.0	1.3	0.9	1.0	1.5	2.5	2.0	1.3	0.6	1.8	2.0	2.1	2.2	1.5	2.5	3.5	3.7	3.5	4.9	19.0	18.5	12.7	7.0	4.9	4.5	4.7	4.0	3 7	3.7
Camden	....do	30	6.5	6.5	6.2	6.2	6.2	6.9	7.3	11.4	11.8	10.6	10.0	9.4	8.6	8.1	7.7	7.1	7.1	7.3	10.5	14.9	17.8	21.0	27.4	30.5	32.6	35.0	35.1	34.0	32.3	30.2	27.7
Fulton	Red	28	6.7	7.7	6.7	6.8	8.6	9.6	9.8	9.6	9.3	9.1	8.8	8.4	8.1	8.0	7.7	7.5	7.4	7.7	13.2	16.8	17.9	18.5	19.0	20.0	20.2	20.0	19.6	18.9	18.0	17.0	15.8
Springbank	....do	37	9.4	9.4	9.3	9.3	9.3	10.3	11.3	11.9	11.9	11.9	11.5	11.3	11.3	11.1	10.8	10.6	10.6	10.6	10.8	16.8	19.8	21.8	22.8	23.8	24.8	25.3	24.9	24.5	24.0	23.0	23.0
Whitecliffs	Little	28	1.7	1.6	1.8	3.0	5.9	7.5	7.2	6.3	5.2	4.9	4.7	4.0	3.7	3.6	3.1	2.8	3.0	6.7	15.0	18.6	20.2	22.0	23.9	25.3	25.7	25.0	23.2	20.3	17.8	15.8	13.7
Marked Tree	St. Francis	17	9.5	9.4	9.2	9.0	8.8	8.7	8.5	8.3	8.2	8.1	8.0	7.9	7.7	7.5	7.5	7.4	7.5	7.7	7.9	8.0	8.6	10.1	10.9	11.4	11.9	12.5	13.0	13.6	14.1	14.4	14.6
Helena	Mississippi	44	7.6	6.0	4.8	4.0	3.5	3.7	4 7	6.3	7.2	7.2	6.9	6.9	7.5	8.6	8.5	9.9	10.1	9.9	9.6	9.1	9.3	10.5	12.7	14.9	18.6	22.6	25.8	28.1	30.0	31.3	32.3
Arkansas City	....do	48	14.2	12.9	11 4	10.4	8.5	7.6	7.7	7.8	8.9	9 9	10.6	10.6	10.6	10 7	11 3	12 1	13.0	13.3	13.6	13.5	13.6	14.0	15.5	18 5	21.5	23.6	26.9	29.5	31.4	33.1	34.3

Daily Precipitation for January, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita		.25															.60				1.40											2.25
Arkadelphia	Ouachita		.20	.90						.05								1.15				1.90	1.30										5.70
Arkansas City	Desha			.46					.10									.86				1.20	.94										5.65
Ariberg	White		.45															.85			1.90	.40		.02	.03								4.20
Batesville	White		T.	.52						T.								.96	.34			2.32	1.22		T.	T.							5.64
Bee Branch	Arkansas		.12	.47					.02	T.							T.	1.04	.12			2.60	.02			.01							4.54
Bentonville	Arkansas		.24	.43	.01				T.	.04			.02				.02	.64			.03	1.00				.06					.05	.02	2.51
Black Rock	White			.10	.24	.26											.01	.74	.26			1.50	.77									.20	4.13
Booneville	Arkansas		.03	.65					.05	.09	T.							.64	.08			2.18	.25									.05	3.89
Brinkley	White		T.	.68					T.									1.92	.09			2.68	1.48				T.					.24	7.23
Calico Rock	White			.34														.21	46			1.21	.69									.07	2.98
Camden	Ouachita		.19	.73	.02	.02				T.							T.	1.59	.09			4.02	.92									.27	7.85
Center Point	Red		.27	.54					.10	T.								.75	T.		.02	2.96	.02									.18	4.56
Clarendon	White		T.	.60	.03	.01		.02										1.55	.08			2.15	1.67									.13	5 77
Clinton	White		.27							T.								1 21	.08			2.81											3.23
Conway	Arkansas		.18	.43				.02										1 75	.75			3.29	.09										5.28
Corning	White			1.97					.03								1.30		.26		2.30	3.60				1.11							9.18
Dam No. 1	White		T.	.83	T.					T.	T.							1.30	.28			2 50	.95									.06	5.77
Danville	Arkansas			.70														.54	.26			3.00	.92									.10	5.83
Dardanelle	Arkansas																	.48	.64			.86	1.20									.86	4.72
Dodd City	White			.36					.04	T.	T.							.90			.23	1.88	.02									.45	4.40
Dumas	Mississippi		.28	.32	.05	.03				T.								.83	.12			1.65	.97									.16	4.20
Dutton	White		.12						T.									1.36	.15		.08	.80	.68			.16						.32	4.50
El Dorado	Ouachita		.20	.71	.02	.02			.02	T.							.25	1.85	.01		.10	2.93	.19									.05	6.17
England	Arkansas		.22	.52	.03					.03								1.05	.35			1.12										.20	3.53
Eureka Springs	White		19	.59					T.									.80	.70			2.00	.20									.20	4.10
Evening Shade	White		T.	.20					T.	.07								.74	.07		T		.93			.02						.05	2.63
Fayetteville	White			.75	T.				T.	T.							1 05	.71			.06	1.20			T.				T	.10	.01	3.67
Fort Smith	Arkansas		.44	.10					.02	T.	T.							.55	.63			.90	.99		.02	T.			T.			.31	4.24
Freeman Sprgs.	Arkansas		.06	.74	.02													.75	T.			1.80	.55									.10	4.27
Fulton	Red		.31	.76														1.75	.10			1.90	1.20			T.						.25	5.91
Georgetown	White		T.	.65	T.				.06									.22	.44			1.04	1.02									.26	3.50
Gilbert	White		T.	.47					.05									.80			3.02	.90									.20	5.42
Grady	Arkansas		.50							T.								1.52	.08		.04	2.67	.05							T.		.02	5.64
Grannis	Red		.67	.58	.03				T	.01			T.					.97	.04			.58			T.						T.	.02	2.48
Gravette	Arkansas		.22	.64					T.									99				1.25										.10	2.90
Harrison	White			.56						.14	.02	T.						.58	.28			2.42	1.02									.14	5.28
Helena	Mississippi		T.	.58	.10				.01									.79	.09			2.89	.01		T.	.01						.21	4.51
Higden	White		.02	.48														.90	.01		.39	2.81	T.									T	5.78
Hope	Red		1.22	.38		.04											.07	1.30	.04		.01	3.05	.04									.46	5.73
Hot Springs	Ouachita		.33	.43														.70			1.50	T.										1.85	4.70
Huttig	Ouachita			.45		.20				.08								1.10	.45		.04	3.72					T.					.18	6.13
Jonesboro	White		T.	.55		.01												.77			1.05				.47						.88		3.76
Junction	Ouachita		.20	.39														.65			3 40											4.70
Lambrook	White				.65				T.	.02							.30	1.18	.02		.54	1.55	T.								.05	.01	4.42
Little Rock	Arkansas		.62	.13					.02	T.								.63				2.00				T.						.13	3.67
Lutherville	Arkansas		.16	.73					.02								.16	.66			.54	1.02	.03									.72	3.82
McGehee	Mississippi		.62	.05														1.45			.74	2.10			.05						.35		5.69
Magnolia	Red		.55	.45													.03	1.03	.16			2.00	1.10									.12	5.34
Malvern	Ouachita		T.	.90	T.													.38	.6			1.10	.80				T.					.25	.10	5.63
Mammoth Spg.	White			.38															.92		.03	2.97	T										4.49
Marianna	Mississippi		.09	.48					.04	.07								1 53	.22			2.22	1.58	T.			T.					.12	6.06
Marked Tree	Mississippi			.25	.03													.36	.01			2.06	.10			T.	T.					.25	3 26
Marshall	White		.01	.39					.08									.95	.22			1.91	.70									T.	4.73
Mena	Ouachita		.05	.90														.72				.58										.10	1 87
Mountain Home	White		T.	.47					T.									.96				3.85	.18										6.00
Mount Ida	Ouachita		.34	.67														.71					2.61	.62								.09	5.44
Murfreesboro	Ouachita		.98	.43														1.17	.13			2 10	1.09			.01						.36	5.62
Newport	White			.71					.05									.49	.38		T.	3.98				.02							5.41
Osceola	Mississippi		T.	.15	.23				.25														.76						.12				2.19
Ozark	Arkansas		.10	.64						.03							.02	.52														.35	6 94
Patterson	White			.41					T.									2.04	.30			3.20	.64			T.						.05	4.12
Piggott	Mississippi		.47						.07								.64	.29				2.60										.27	3.32
Pindall	White		.12	.45					.01									50	.55			1.35	.07									.11	6.59
Pine Bluff	Arkansas		.04	.52	T.	T.			.06	.01								2.10	.05			2.70	1.00									.30	4.93
Pocahontas	White			.58														.64	.51			2.85				.05						.25	3.14
Portland	Ouachita			.70		.02			T.	.05								.65	.10			.88	.49		T.								3.70
Prescott	Ouachita	.17	.15	.38	T.												.10	.61			1.78	.51											5.42
Princeton	Ouachita			.59														1.73				2.19	.91									.30	6.46
Rison	Ouachita			.67					.09									1.68	.22			2.85	.65									.23	3.13
Rogers	Arkansas		.22	.42						T.								.69	.07			1.50										T.	5.70
Searcy	White		.25	.50					T.								.05	1.45			T.	3.40	.05			T.							5.18
Springbank	Red		.30	.73														1.41	.10		.02	2.00	.62										2.75
Story	Ouachita																		.08	.46	.06	2.06	.09									.11	7.00
Stuttgart	Arkansas	.04	.17		.04				.01	T.							2.43	.10			2.68	1.42										.23	4.03
Subiaco	Arkansas			.68					.02	.10							.55		.78		2.35	.10										.23	4.71
Texarkana	Red			1.10														1.30				2.05	.55									.20	5.70
Thornburg	Arkansas		.10	.50					T.	T.							.03	.93				3.20	.40									.13	4.34
Waldron	Arkansas		.21	.52													1.05	T.				2 22	.25		.05							.33	3.82
Warren	Ouachita	.22	.52															.80	.10		1.05	.65											4 90
Waters	Ouahita		.90															.66				3.10										T.	5.14
Whitecliffs	Red		.48	.87														1.35	.15			2 40	.73									.16	5.69
Wynne	Mississippi			.48	.02	T.			.10	.03	T.							.57	.10			1.90	1.50									.47	4.18
Yancopin	Arkansas		.07	.60						.03		.01	T									.96	1 37										

Precipitation is for 24 hours ending near sunset unless otherwise indicated * For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch
‡ Precipitation included in the next following measurment.

Daily Temperatures for January, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	48	48	46	53	54	53	47	44	42	43	51	46	47	50	56	64	57	64	62	60	55	37	32	40	43	47	57	55	55	62	58	50.8
	Minimum	30	38	40	46	46	28	28	30	31	22	28	23	28	20	28	39	45	43	28	45	35	19	19	25	32	30	28	29	32	35	43	32.0
Batesville§§	Maximum	54	47	48	54	52	56	42	41	40	44	48	38	44	55	54	58	53	56	65	62	36	23	34	38	44	42	61	44	56	62	52	48.5
	Minimum	14	29	37	39	30	24	22	25	20	20	27	19	18	19	23	22	25	45	31	37	35	11	2	3	26	26	25	27	20	20	30	24.2
Bentonville	Maximum	50	42	42	56	45	45	46	39	32	42	40	34	40	52	58	60	52	53	63	54	28	19	30	34	33	42	56	42	48	60	51	44.8
	Minimum	28	36	37	37	30	26	27	29	27	27	19	7	24	30	28	41	42	37	41	28	12	-2	-7	11	25	28	29	28	32	45	33	26.9
Bee Branch	Maximum	48	42	44	53	53	53	49	40	37	42	48	43	43	50	55	54	55	57	64	61	58	29	32	36	38	41	55	55	54	55	55	48.4
	Minimum	24	35	36	43	33	25	27	27	29	25	28	15	29	21	30	31	45	43	35	43	27	12	10	18	24	29	31	36	23	36	40	29.4
Booneville	Maximum	54	47	52	65	58	58	49	46	41	48	48	41	46	57	61	57	56	54	69	77	60	30	34	37	36	49	62	60	59	64	61	52.8
	Minimum	28	39	39	34	36	25	26	29	31	22	27	17	31	22	26	39	49	41	37	44	29	8	12	20	25	31	25	28	30	42	37	30.0
Brinkley	Maximum	55	46	50	54	60	58	46	43	41	46	55	45	50	54	61	60	61	60	68	60	60	35	34	40	49	43	61	59	63	67	59	53.0
	Minimum	26	38	40	47	40	30	30	30	32	24	29	24	29	26	29	36	58	45	46	43	34	16	17	21	29	30	29	34	24	40	45	32.9
Calico Rock	Maximum	58	43	48	57	51	58	45	41	41	48	48	40	44	66	59	62	52	59	68	66	36	25	32	38	44	48	64	45	56	62	50	50.1
	Minimum	13	28	37	39	29	24	24	26	21	21	21	17	17	20	22	28	34	43	30	31	34	2	-4	-4	13	19	25	26	24	25	31	23.1
Camden§§	Maximum	50	44	51	59	58	59	47	46	46	49	57	45	52	55	62	68	60	65	70	65	46	35	35	38	47	48	63	63	66	67	56	53.9
	Minimum	24	32	39	43	40	30	28	31	27	28	25	26	28	21	22	29	42	46	33	33	44	25	21	21	29	30	27	30	30	34	44	31.0
Center Point	Maximum	50	49	45	54	56	57	49	46	43	45	55	46	48	52	59	63	60	62	67	60	55	35	36	41	47	48	60	60	59	64	60	52.6
	Minimum	35	37	40	44	39	31	37	30	31	25	29	21	27	27	37	44	46	41	43	50	34	18	19	25	30	28	30	38	35	44	42	34.1
Conway	Maximum	49	43	48	58	53	56	46	41	38	47	52	44	47	57	59	62	59	58	69	63	57	33	33	36	45	46	65	60	60	65	58	51.8
	Minimum	25	37	38	46	32	29	27	30	32	26	27	21	28	21	26	33	48	44	36	47	30	16	15	20	27	29	25	28	25	38	40	30.5
Corning	Maximum	48	47	45	53	52	52	42	40	31	43	42	42	40	55	56	62	55	54	64	66	61	28	28	36	45	48	58	58	56	49	48.8
	Minimum	36	36	35	44	38	27	26	28	20	21	31	15	28	22	26	25	47	45	36	46	28	8	0	16	25	27	31	27	21	26	32	28.2
Dardanelle	Maximum	50	51	54	54	50	62	52	56	50	48	52	50	47	52	56	62	58	58	70	62	60	54	40	38	38	49	65	59	48	67	62	54.0
	Minimum	30	34	34	36	34	26	30	34	30	28	32	19	31	30	32	38	34	36	30	47	36	18	22	23	25	31	27	32	28	36	35	30.9
Dodd City	Maximum	51	46	46	58	57	52	50	42	34	45	42	39	38	59	53	62	57	50	66	63	59	24	30	34	35	42	57	56	46	61	54	48.6
	Minimum	24	35	35	39	33	24	23	27	21	19	23	9	26	23	24	30	44	38	35	40	23	2	-10	4	11	28	22	25	23	35	39	25.0
Dumas	Maximum	48	43	53	62	56	57	48	40	42	43	56	45	53	55	60	66	66	62	69	58	64	37	31	37	47	46	65	59	60	66	55	53.2
	Minimum	28	38	41	49	49	33	29	31	29	30	29	28	29	23	35	35	51	46	39	45	36	22	21	22	29	33	29	34	28	27	46	33.7
Dutton	Maximum	54	41	45	53	41	52	58	37	33	39	43	36	40	43	55	52	51	54	61	60	56	22	33	34	32	41	58	50	45	56	55	46.1
	Minimum	18	33	40	39	28	17	17	23	25	30	29	5	23	16	15	27	44	36	30	37	20	4	-13	-1	16	25	15	22	25	35	32	23.1
El Dorado	Maximum	50	47	52	60	58	60	48	55	45	47	58	47	52	59	65	68	61	67	72	61	66	41	33	33	44	49	64	65	67	69	60	55.3
	Minimum	35	40	43	50	46	35	34	33	32	31	31	30	32	25	35	42	52	46	40	50	40	26	22	26	30	30	32	35	33	42	49	36.4
England	Maximum	51	45	50	53	55	58	42	39	41	50	52	44	46	56	62	63	58	58	70	60	59	45	26	40	50	48	65	56	61	64	56	52.5
	Minimum	27	37	40	46	37	29	29	30	34	24	31	25	29	24	28	33	50	45	39	47	32	19	17	22	32	33	30	30	26	40	47	32.6
Eureka Springs	Maximum	50	52	44	59	50	56	50	38	34	43	41	35	45	53	62	62	55	56	66	59	45	25	34	35	34	42	55	52	52	60	55	48.4
	Minimum	30	35	36	37	30	25	25	26	27	21	26	6	23	27	30	40	44	35	40	36	19	1	-2	18	23	26	30	25	27	41	33	27.1
Fayetteville	Maximum	51	52	46	57	54	54	52	43	32	40	42	34	42	52	59	60	54	56	63	60	43	19	30	37	33	40	55	51	49	59	56	47.6
	Minimum	26	34	36	40	30	26	23	29	26	20	29	8	19	29	25	41	43	36	42	42	19	2	-6	12	20	27	22	30	34	43	33	27.1
Fort Smith	Maximum	51	44	48	63	48	54	49	42	35	46	47	38	46	55	58	57	54	54	69	59	36	25	30	35	37	45	60	53	49	63	51	48.4
	Minimum	32	37	38	37	36	30	30	32	29	24	26	16	31	27	32	40	45	42	41	36	24	14	13	19	28	32	30	35	31	43	37	31.2
Grannis	Maximum	54	46	43	54	46	57	50	45	42	45	50	44	46	50	58	56	56	58	66	58	54	40	35	40	43	49	59	51	55	60	58	50.6
	Minimum	29	23	26	28	25	26	28	23	27	19	24	15	26	20	30	36	42	42	50	46	25	8	9	23	26	26	29	30	40	36	36	27.8
Gravette	Maximum	51	48	42	51	50	54	49	43	33	41	40	34	42	52	60	62	56	55	63	61	35	20	33	40	36	48	59	51	51	60	56	47.7
	Minimum	17	34	37	38	24	15	24	23	27	17	20	2	24	18	19	38	45	38	33	35	20	-12	-14	5	25	23	29	29	33	41	34	23.8
Harrison	Maximum	54	48	48	61	50	54	46	39	35	48	41	38	41	57	57	63	54	54	68	59		15	33	37	35	44	57	50	52	64	55	48.6
	Minimum	30	34	35	37	32	26	20	25	26	19	32	9	26	23	23	31	44	37	35	39		0	-17	4	14	26	29	27	24	35	37	25.4
Helena§§	Maximum	52	48	54	58	60	62	45	41	41	50	58	45	51	57	65	70	66	64	65	68	64	65	34	36	41	51	45	55	56	65	70	54.9
	Minimum	30	30	38	42	50	37	28	30	30	25	25	31	26	23	26	30	30	46	35	34	42	23	19	19	21	31	29	31	26	26	36	30.6
Hope	Maximum	50	45	47	58	57	58	47	46	45	45	57	47	51	57	63	67	62	64	71	58	66	36	33	42	45	50	63	62	67	67	60	54.4
	Minimum	33	38	42	46	37	28	28	29	31	26	29	25	29	22	30	40	45	44	36	49	34	22	22	24	29	29	32	30	33	41	43	33.1
Hot Springs	Maximum	51	45	47	54	55	57	45	44	41	46	54	47	50	52	59	62	56	60	68	59	55	32	34	42	43	49	62	56	60	65	58	51.9
	Minimum	29	37	39	45	39	30	29	31	33	25	32	22	29	25	31	37	49	46	36	45	32	18	16	23	28	30	29	32	35	37	40	32.5
Jonesboro	Maximum	50	49	47	51	52	52	49	40	35	39	42	49	40	52	51	60	56	55	63	62	57	31	30	35	41	40	58	54	57	63	53	48.8
	Minimum	36	37	36	32	44	43	29	31	29	24	22	32	30	31	32	31	46	44	38	46	30	12	12	20	27	30	30	29	24	38	45	31.9
Junction	Maximum	52	49	55	53	54	52	45	51	48	50	47	52	51	57	62	64	68	67	70	57	52	42	37	40	54	60	63	65	67	69	60	55.3
	Minimum	27	40	45	38	36	34	32	31	33	28	25	27	28	30	32	46	50	44	38	30	26	23	27	32	25	28	26	30	37	46	50	33.7
Little Rock	Maximum	49	43	48	52	53	56	43	40	37	45	49	41	44	51	57	60	57	60	67	60	55	27	31	38	41	46	60	50	59	62	51	49.4
	Minimum	31	39	39	46	40	36	35	30	32	30	31	23	32	27	36	38	45	44	43	50	25	16	16	24	30	32	30	33	28	42	39	33.6
Lutherville	Maximum	48	42	44	56	53	51	47	42	38	41	48	40	45	49	54	53	54	52	66	62	58	30	29	38	38	42	56	51	50	61	57	48.2
	Minimum	27	35	27	42	35	28	30	27	29	25	30	14	27	24	31	47	48	40	39	45	25	12	10	18	25	29	30	35	26	41	35	30.2
Magnolia	Maximum	51	49	49	59	59	61	50	46	47	49	56	49	50	53	64	70	64	65	68	71	72	39	33	35	42	60	64	61	67	69	....	55.7
	Minimum	29	34	43	45	46	34	34	34	34	36	31	31	30	28	36	46	48	44	43	48	39	29	22	23	29	32	36	37	41	44	....	36.3
Malvern	Maximum	51	48	48	53	58	58	49	45	44	48	56	49	51	52	60	65	61	61	69	64	58	35	36	41	48	50	61	57	63	66	59	53.7
	Minimum	30	38	40	46	37	28	27	33	35	25	28	25	25	20	27	35	49	44	32	49	34	20	18	23	31	29	27	29	28	33	42	31.8
Mammoth Spg.§§	Maximum	53	52	46	54	47	47	41	39	37	42	46	35	38	57	50	57	49	51	64	63	34	19	26	34	40	39	57	36	53	57	48	45.5
	Minimum	12	27	35	34	28	20	20	24	19	18	28	13	12	19	21	21	25	42	28	29	32	2	-12	-11	8	19	26	27	19	19	40	20.8
Marianna	Maximum	42	47	56	55	57	55	44	39	40	52	50	47	45	54	59	65	63	62	67	59	62	36	30	45	44	42	61	55	61	64	61	52.2
	Minimum	26	37	40	41	48	31	38	30	32	28	24	24	30	25	29	29	46	48	36	44	34	19	17	26	21	30	29	35	25	40	38	32.3
Marked Tree§§	Maximum	46	49	50	53	57	36	35	39	44	51	36	42	50	58	62	58	54	64	62	38	25	32	37	45	41	60	42	59	62	53	60	48.4
	Minimum	29	38	40	39	30	27	30	23	21	30	22	22	26	26	27	30	45	37	38	38	16	15	15	15	27	29	31	23	24	38	38	28.7
Marshall	Maximum	54	49	48	55	50	51	50	40	34	44	45	39	40	57	52	62	53	53	65	66	59	25	32	40	40	41	57	54	50	61	55	49.1
	Minimum	25	37	37	41	44	26	25	27	28	23	34	13	34	23	25	38	46	41	45	42	25	-2	-10	8	15	28	27	28	27	43	42	28.5
Mena	Maximum	52	46	48	53	51	53	49	45	45	44	43	43	46	50	60	55	52	60	62	57	50	34	34	36	42	40	55	58	56	62	56	49.4
	Minimum	31	39	38	42	40	28	28	28	29	21	26	16	28	26	30	48	44	43	39	50	34	13	14	23	25	30	28	32	32	50	36	32.0
Mountain Home	Maximum	53	45	46	59	50	54	44	41	39	46	46	35	43	61	56	64	55	54	67	62	60	24	34	35	48	44	60	49	49	63	53	49.6
	Minimum	23	35	34	40	34	23	25	25	22	17	31	10	25	20	24	28	42	38	33	42	20	-2	-9	6	18	27	25	27	20	35	37	25.0
Mount Ida	Maximum	53	48	46	57	55	61	43	48	43	49	53	47	50	51	61	60	58	60	69	59	56	32	35	39	45	51	65	58	61	66	50	52.7
	Minimum	27	37	38	43	46	42	22	26	26	17	25	19	32	15	22	27	49	41	28	40	32	15	16	16	28	26	22	24	25	35	40	29.1
Newport	Maximum	53	46	49	53	55	54	42	42	40	43	57	46	43	50	56	60	57	57	67	64	60	31	30	39	43	42	62	55	52	63	55	50.5
	Minimum	26	38	38	46	49	27	27	30	29	27	33	20	32	24	28	28	46	45	37	48	29	13	12	21	29	28	28	34	22	41	41	31.5
Osceola	Maximum	55	50	48	54	56	50	55	37	44	45	58	42	45	54	63	65	62	56	66	61	58	27	35	36	49	40	62	60	61	76	67	52.8
	Minimum	25	36	38	47	49	35	29	29	19	19	28	21	29	22	28	29	48	43	39	44	27	14	14	20	28	29	30	33	24	39	46	31.0
Ozark	Maximum	49	44	46	59	53	55	50	44	40	43	51	35	48	52	57	56	56	54	70	62	59	29	32	35	40	46	59	54	60	65	54	50.2
	Minimum	26	38	38	45	37	26	25	29	31	22	30	16	28	22	26	44	49	43	39	45	26	15	14	19	19	30	25	28	30	30	37	30.1
Pine Bluff	Maximum	49	49	51	54	58	62	44	40	40	50	56	49	52	55	64	68	58	66	72	58	54	35	35	43	48	50	61	59	68	69	55	53.9
	Minimum	29	37	38	49	43	32	31	31	32	28	32	27	30	26	30	34	50	46	38	45	34	21	20	22	33	33	33	32	29	40	43	33.8
Pocahontas	Maximum	52	49	46	50	53	56	51	43	43	43	47	42	42	55	54	59	56	55	63	64	60	28	31	34	45	41	60	56	52	62	56	49.9
	Minimum	24	35	36	43	35	25	28	30	23	22	32	15	30	21	25	26	45	45	32	43	28	7	-1	9	24	28	25	30	22	32	45	27.9
Portland	Maximum	55	50	55	62	57	58	50	45	45	50	59	51	52	55	64	69	65	65	70	60	57	40	40	42	45	49	67	63	72	74	72	56.7
	Minimum	30	40	42	50	51	35	32	32	29	28	28	33	27	22	32	37	52	47	38	45	39	25	22	24	32	34	28	32	29	37	46	34.8
Prescott	Maximum	50	42	51	56	57	59	50	46	45	56	51	47	52	54	67	69	62	66	71	56	65	40	40	42	59	49	62	61	66	69	60	55.5
	Minimum	28	32	34	36	39	30	30	31	30	29	25	26	28	23	30	34	43	39	36	34	39	22	20	23	26	27	30	31	32	35	34	30.8
Rison	Maximum	51	49	51	55	57	59	54	43	44	50	56	56	51	56	61	67	61	64	70	65	63	59	44	40	48	48	63	61	64	66	62	56.1
	Minimum	31	37	41	41	44	33	31	31	32	30	31	27	30	28	31	39	51	46	42	47	37	21	26	23	32	32	31	35	29	42	47	34.8
Rogers	Maximum	51	46	44	58	53	53	51	43	33	42	41	36	42	53	62	64	55	52	64	61	45	22	29	35	32	41	55	49	51	59	52	47.5
	Minimum	21	30	37	37	31	20	20	29	28	20	29	9	25	25	21	42	46	37	31	36	20	-1	-11	5	22	27	29	27	31	43	34	25.8
Searcy	Maximum	40	50	50	52	54	55	48	43	39	46	51	45	54	52	57	59	68	64	66	62	56	34	31	36	40	46	60	58	57	62	58	51.1
	Minimum	25	30	35	38	27	20	27	25	25	25	28	20	25	22	25	27	40	38	32	35	34	15	14	20	22	25	27	25	28	32	40	27.3
Stuttgart	Maximum	48	45	52	56	56	56	47	39	45	46	51	45	46	53	60	65	61	60	67	60	61	40	31	39	45	45	61	54	62	64	60	52.3
	Minimum	37	40	40	40	32	31	30	25	25	32	25	30	27	29	39	46	45	40	40	39	19	20	22	27	32	32	36	39	39	38	37	33.3
Subiaco	Maximum	53	45	50	61	55	57	50	44	41	50	40	47	54	60	57	55	59	70	64	59	....	34	30	....	37	49	64	55	52	66	60	52.3
	Minimum	28	43	38	31	37	30	29	29	31	27	18	29	24	35	37	36	41	37	45	37	....	14	26	....	27	31	29	36	27	41	37	32.1
Texarkana	Maximum	53	52	49	53	56	60	55	50	40	50	58	55	52	58	64	68	61	62	72	62	70	72	38	41	38	52	58	68	67	67	68	57.1
	Minimum	33	38	41	44	41	28	30	32	32	36	26	25	29	24	32	45	45	40	42	53	35	32	22	23	31	28	29	31	37	43	45	34.4
Warren	Maximum	51	49	52	58	58	57	53	43	44	41	55	52	51	54	30	65	63	63	69	65	65	40	31	37	45	43	61	59	63	65	62	54.0
	Minimum	32	38	41	50	46	36	31	31	30	32	30	29	31	23	62	37	51	46	40	45	39	23	21	23	32	33	32	33	30	40	47	35.0
Wynne	Maximum	53	47	49	55	56	53	47	38	38	45	51	42	44	53	56	58	59	57	66	62	58	30	29	38	38	42	56	51	50	61	57	50.5
	Minimum	31	37	38	47	42	28	27	31	29	27	30	23	29	23	26	35	45	46	40	46	34	17	17	21	30	28	27	34	24	48	42	32.3

§§Instruments are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

7.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.
HARVEY S. COLE, Metorologist
VOL. XXXI LITTLE ROCK, ARK., FEBRUARY, 1926 No. 2

GENERAL SUMMARY

Temperatures were below normal on about six days during February, normal or above during the remainder of the month, positive departures of 10° to 20° occuring from the 6th to the 8th and on the 13th and 21st. No unusually low temperatures occurred, but 88° at Huttig on the 7th is within 5° of the highest on record for this month. The monthly mean, 48.5°, lacks nearly a degree of being as high as the mean for February, 1925, which was the highest February mean on record. The temperature for the three winter months amounts to an excess of 3.2°, December's mean being 1.9° below normal, January's 0.6° below, and February's 5.7° above. Precipitation was light, averaging only 60% of the normal amount with only four rainy days during the month. The mild dry weather was favorable for all outdoor work. The greater portion of the oat crop was sown during the month and preparation made for planting corn, cotton, and rice. Potatoes, truck crops, and gardens were planted in southern and central sections and winter grains made excellent progress throughout the month. Peaches, plums, and pears were blooming in southern counties at the close of the month and buds swelling in the northern counties.

On the evening of the 24th high winds (straight blows) were reported throughout the State. An accurate estimate of the total damage cannot be made, but would probably be several thousand dollars. A tornado occurred about 8:00 p. m. of the 24th six miles south of Lake Village, Chicot County. This storm moved from southwest to northeast over a path 100 yards wide for a distance of about three miles before crossing the Mississippi River. Five persons were killed and fifteen injured in Arkansas. Property damage in Chicot County amounted to about $70,000. Considerable damage and some loss of life were caused by the same storm in Mississippi. W.C.H.

TEMPERATURE

The mean temperature for February, as determined from the records of 57 stations, was 48.5°, which is 5.7° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 42.3° at Mammoth Spring to 58.9° at Warren, a difference of 16.6° between the northern and southern counties. Extremes ranged from 88° at Huttig on the 7th to 10° at Gravette on the 19th. The greatest daily range was 51° at Huttig on the 6th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 82 stations, was 2.02 inches which is 1.33 inches below normal, Mammoth Spring being the only station showing a positive departure. Monthly totals ranged from 0.61 inch at Fayetteville to 3.52 inches at Little Rock. A measurable amount of snow fell at 26 stations averaging 1.0 inch. Snowfall totals ranged from 3.0 inches at Corning to a trace at numerous stations. The average number of days with 0.01 inch or more precipitation was 4.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:—2d, 1; 8th, 1; 13th, 2; 17th, 18; 18th, 18; 21st, 1; 24th, 25; 25th, 4; 26th, 1.
Sleet:—4th, 3; 18th, 3; 25th, 1.
Solar Halos:—1st, 1; 5th, 1; 9th, 1; 16th, 1; 21st, 1.
Lunar Halos:—4th, 1; 20th, 1; 21st, 2; 22nd, 1; 28th, 1.
Dense Fog:—1st, 1; 3rd, 1; 4th, 1.
Light Hail:—Center Point, Fort Smith, Pine Bluff, 17th; Gravette, 18th.
High Winds:—Throughout State 24th.

MISCELLANEOUS DATA

Stations.	Pressure, Sea-level. Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine.
Bentonville	29.95	30.37	27	29.43	24	4,637	18	n.	25	.....	.....	66
Fort Smith.	30.00	30.35	27	29.47	24	6,884	40	w.	24	75	58	65
Little Rock.	30.02	30.32	27	29.43	24	7,745	38	sw.	20	69	55	67
Memphis.	30.02	30.36	16	29.37	24	7,000	52	w.	25	77	58	56

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature: Monthly average	Departure	Highest	Lowest	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.8**		**93**	**−29**	**3.35**		**11**	**6**	**11**	**7**
1891	46.5	+3.7	80	6	2.92	− 0.43	10	9	9	8
1892	49.0	+6.2	85	18	3.47	+ 0.12	11	9	9	7
1893	42.4	−0.4	74	2	4.05	+ 0.70	9	6	13	8
1894	40.5	−2.3	75	0	6.32	+ 2.94	8	7	13	8
1895	33.5	−9.3	78	−17	0.71	− 2.64	10	7	11	4
1896	45.2	+2.4	79	11	3.30	− 0.05	15	6	8	6
1897	46.6	+3.8	89	8	2.59	− 0.76	10	7	11	4
1898	45.8	+3.0	83	7	2.08	− 1.27	15	5	8	5
1899	31.8	−11.0	76	−25	2.18	− 1.17	12	6	10	6
1900	39.7	−3.1	74	− 5	5.06	+ 1.71	9	7	12	8
1901	40.8	−2.0	79	10	2.18	− 1.17	10	7	11	6
1902	35.0	−7.8	72	− 2	2.60	− 0.75	9	8	11	5
1903	41.0	−2.0	79	−12	7.63	+ 4.28	10	6	12	10
1904	44.9	+2.1	86	10	2.47	− 0.88	12	8	9	5
1905	32.3	−10.5	82	−29	2.55	− 0.80	9	6	13	7
1906	41.8	−1.0	75	− 7	2.21	− 1.15	15	5	8	6
1907	44.9	+2.1	83	4	2.77	− 0.58	12	6	10	6
1908	44.2	+1.4	78	0	5.26	+ 1.91	12	5	12	9
1909	47.3	+4.5	82	5	5.41	+ 2.06	13	6	9	8
1910	39.0	−3.8	75	−13	3.66	+ 0.31	11	6	11	7
1911	49.8	+7.0	87	7	4.31	+ 0.96	9	8	11	9
1912	37.9	−4.9	78	− 7	2.80	− 0.55	12	8	9	6
1913	41.0	−1.8	82	5	3.74	+ 0.39	11	6	11	8
1914	40.4	−2.4	79	− 2	4.23	+ 0.88	11	7	10	7
1915	45.9	+3.1	76	11	4.47	+ 1.12	11	5	12	8
1916	43.4	+0.6	82	6	1.78	− 1.57	14	4	11	5
1917	43.4	+0.6	89	− 4	1.93	− 1.42	15	5	8	4
1918	44.4	+1.6	93	4	1.17	− 2.18	12	6	10	4
1919	44.1	+1.3	80	−10	3.34	− 0.01	13	4	11	8
1920	45.0	+2.2	79	− 2	1.26	− 2.09	11	8	10	5
1921	48.3	+5.5	85	− 3	3.59	+ 0.24	15	5	8	6
1922	47.8	+5.0	84	10	4.89	+ 1.54	9	7	12	8
1923	41.9	−0.9	80	5	4.66	+ 1.31	11	4	13	8
1924	42.9	+0.1	82	− 7	2.26	− 1.09	12	4	13	7
1925	49.3	+6.5	83	12	3.37	+ 0.02	12	7	9	6
1926	48.5	+5.7	88	10	2.02	− 1.33	15	5	8	4

CORRECTION FEBRUARY, PAGE 6;—Mammoth Spring highest should be 68 on 22d.

Climatological Data for February, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	31	48.2	+5.2	69	13	24	11	36	1.10	−2.67	0.70	0.0	3	18	3	7	sw.	G. C. Thrash.
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	2.40	−2.07	1.45	0.0	3	17	2	9	. ....	F. J. Carpenter.
Arkansas City	Desha	145	42	.....	.....	.....	.....	.....	.....	.....	1.82	−2.68	1.04	0.0	4	17	1	10	.....	Carl R. Cutting.
Arlberg	Stone	700	4	.....	.....	.....	.....	.....	.....	.....	2.07	.....	0.95	0.2	6	14	5	9	se.	J. D. Reeves.
Batesville	Independence	277	27	45.4	+5.0	78	13	16	11	44	2.40	−1.02	1.73	1.0	5	16	0	12	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	47.6	+5.5	69	28	18	11	38	2.99	−0.64	1.25	0.0	5	16	4	8	s.	J. E. Scanlan.
Bentonville	Benton	1303	21	45.0	+6.5	72	13	19	19	31	1.62	−0.90	1.00	1.3	3	15	7	6	s.	U. S. Weather Burea
Black Rock	Lawrence	259	24	.....	.....	.....	.....	.....	.....	.....	1.95	−1.18	1.00	2.0	5	18	0	10	.....	Vernon C. Howe.
Booneville	Logan	465	12	49.0	+2.4	76	7	26	5†	44	1.12	−0.95	0.48	0.0	6	18	6	4	w.	F. H. Randolph.
Brinkley	Monroe	205	39	51.4	+8.4	72	7	21	11	37	2.18	−1.78	1.21	0.3	4	17	4	7	s.	H. L. D. Whitson.
Calico Rock	Izard	361	22	45.8	+4.6	76	7	18	11	47	1.83	−0.59	1.25	T.	6	13	6	9	nw.	W.J. Copp.
Camden	Ouachita	158	41	50.9	+3.9	76	14	25	11†	40	2.08	−1.92	1.49	0.0	3	12	4	12	sw.	A. B Quarterman.
Center Point	Howard	470	27	51.4	+5.2	72	7	27	11	32	2.73	−0.49	1.45	0.0	4	15	6	7	se.	John C. Floyd.
Clarendon	Monroe	200	22	.....	.....	.....	.....	.....	.....	.....	2.53	−1.26	1.69	0.1	5	11	5	12	sw.	J. W. Bishop.
Clinton	Van Buren	516	5	.....	.....	.....	.....	.....	.....	.....	2.55	.. ...	1.49	0.0	3	9	11	8	w.	A. L. Stephens.
Conway	Faulkner	309	43	49.0	+5.7	75	7	20	11	43	2.69	−0.97	0.96	0.0	5	17	7	4	s.	E. E Cordrey.
Corning	Clay	293	33	48.1	+10.4	68	25	25	5	34	2.40	−1.11	0.80	3.0	6	13	7	8	nw.	Winfred D. Polk
Dam No. 1 ‡‡	White	190	3	.....	.....	.....	.....	.....	.....	.....	2.60	.. ...	1.21	0.0	5	17	4	7	sw.	J. O. Yingling.
Danville	Yell	327	10	.....	.....	.....	.....	.....	.....	.....	1.70	−0.32	0.90	0.0	3	10	13	5	e.	C. P. Evans.
Dardanelle	Yell	330	40	49.2	+5.6	75	13	28	10	45	1.49	−1.54	0.80	0.0	2	18	2	8	w.	J. D. Riley.
Dodd City	Marion	1175	43	44.5	+6.7	72	7†	17	11	40	2.08	−1.18	1.36	0.5	4	8	13	7	nw	Neal Dodd.
Dumas	Desha	162	20	52.1	+12.8	78	14	22	11	38	1.93	−2.12	0.65	0.0	5	13	12	3	n.	Ben Johnson.
Dutton	Madison	1590	23	42.6	+4.7	69	13	14	11	45	1.72	−1.20	0.94	0.4	6	15	8	5	s.	J. M. Ricketts
El Dorado	Union	270	25	54.6	+7.0	77	14	28	11	35	2.19	−1.15	1.10	0.0	3	16	5	7	sw.	J. J. Babb.
England	Lonoke	229	19	51.7	+5.7	74	6†	28	20	41	2.62	−1.56	1.32	0.0	5	19	2	7	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	26	46.2	+6.4	72	7†	19	11†	37	1.51	−1.13	0.61	0.5	6	12	10	6	sw.	Geo. W. Nichoalds.
Evening Shade	Sharp	600	3	46.6	.....	72	7	15	11	43	2.20	.....	1.00	T.	6	6[a]	15[a]	6[a]	nw.	B. F. Graddy.
Fayetteville	Washington	1451	39	46.0	+6.7	71	13	18	19	34	0.61	−1.93	0.29	T.	5	16	5	7	ne.	University of Arkansa
Fort Smith	Sebastian	457	45	48.4	+5.6	74	13	27	19	36	1.32	−1.42	0.77	T.	4	13	7	8	e.	U. S. Weather Burea
Freeman Springs	Pope	2240	2	.....	.....	.....	.....	.....	.....	.....	2.46	. . .	1.34	0.5	5	17	2	9	sw.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	1.65	−1.36	0.77	0.0	3	17	5	6	.....	T. J. Logan.
Georgetown	White	200	14	.....	.....	.....	.....	.....	.....	.....	1.80	−1.48	1.05	0.1	2	13	2	13	s.	W. R. Owens
Gilbert	Searcy	675	3	.....	.....	.....	.....	.....	.....	.....	1.74	.....	1.20	0.5	7	13	4	11	.....	Ben F. Battenfield.
Grady	Lincoln	172	2	.....	.....	.....	.....	.....	.....	.....	2.30	.....	1.40	0.0	2	..	.....	.....	.....	P. T. Simons
Grannis	Polk	900	8	47.6	.....	72	8	21	5	40	2.57	.....	1.48	0.0	4	20	4	4	w.	W. E. Mc Vay.
Gravette	Benton	1250	29	44.2	+6.4	73	13	10	19	46	1.46	−0.38	0.44	1.0	5	12[a]	9[a]	6[a]	sw.	A. F. Stevens.
Harrison	Boone	1052	25	45.4	.....	75	13	15	11	42	1.50	−1.10	0.80	2.0	3	15	3	10	nw.	G. L. Wright.
Helena	Phillips	193	54	50.0	+6.4	78	14	22	11†	41	2.57	−2.14	1.26	T.	6	11	4	13	s.	James A. Burnett.
Higden	Cleburne	445	8	.....	.....	.....	.....	.....	.....	.....	2.59	.....	1.41	T.	6	12	7	9	sw.	Geo. W. Baker.
Hope	Hempstead	377	55	51.9	+4.3	75	7	24	11	37	1.43	−2.56	1.03	0.0	2	22	0	6	s.	N. P. O' Neal.
Hot Springs	Garland	600	35	50.0	+3.2	73	7	24	11	36	2.21	−1.41	1.22	T.	4	19	3	6	.....	P. P. Patraw.
Huttig	Union	175	19	58.0[d]	+6.3[d]	88[d]	7	31[d]	20	51[d]	1.15	−2.99	0.75	0.0	3	18[d]	2[d]	4[d]	nw.	J. L. Collett.
Index	Little River	275	1	.....	.....	.....	.....	.....	.....	.....	1.91	.....	0.93	0.0	4	16	2	10	.....	H. D. Sanderson.
Jonesboro	Craighead	345	31	46.5	+5.0	70	14	22	11	33	1.64	−2.22	0.64	2.0	8	19	2	7	n.	Benedictine Sisters.
Junction ‡‡	Union	182	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Lowderback.
Lambrook	Phillips	155	3	48.5	.....	76	14	18	11	40	1.74	.....	1.25	0.0	3	15	4	9	se.	G. B. Lambert Co.
Little Rock	Pulaski	357	47	49.2	+4.3	72	7	27	11	35	3.52	--0.66	1.98	T.	4	14	6	8	s.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	27	47.0	+6.0	71	13†	22	11	40	1.86	−1.21	1.14	0.0	4	17	5	6	se	H. G. Lenhardt.
Mc Gehee	Desha	148	2	.....	.....	.....	.....	.....	.....	.....	1.97	.....	1.43	0.0	6	17	8	3	.....	P. T. Simons.
Magnolia	Columbia	315	7	54.2	.....	75	8	30	11	32	1.52	.....	1.28	0.0	2	18	2	8	sw.	State Agri. School.
Malvern	Hot Springs	277	39	50.4	+3.5	73	7	21	11	40	2.55	−0.95	1.40	0.0	3	18	4	6	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	42.3	+2.9	67	7†	15	11†	44	2.89	+0.25	1.77	T.	6	12	11	5	nw.	F. M. Daniel.
Marianna	Lee	235	14	50.4	+7.0	75	14	23	11	37	2.39	−1.53	1.13	0.1	8	8	13	7	sw.	C. N. Houck.
Marked Tree	Poinsett	229	21	46.8	.....	78	20	22	10	43	1.66	−1.80	0.90	1.1	6	15	7	6	se.	Charles Walton
Marshall	Searcy	1070	12	47.2	+3.5	71	7†	23	5	38	1.24	−0.98	0.50	T.	5	15	8	5	s.	A. J. Park.
Mena	Polk	1185	38	48.2	+4.6	74	6†	22	11	37	2.18	−1.03	0.99	0.0	4	14	9	5	sw.	E. W. St. John.
Mountain Home	Baxter	800	12	44.2	+3.5	74	7†	17	11	45	1.22	−1.16	0.93	0.2	4	11	5	12	sw.	B. S. Halbert.
Mount Ida	Montgomery	650	27	48.4	+2.6	78	7	16	11	60	2.41	- 1.71	1.05	0.0	4	16	6	6	.	G. A. Whittington.
Murfreesboro	Pike	367	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Henry A. Davis.
Newport	Jackson	231	42	48.7	+8.2	73	7	22	11	34	1.37	−2.25	0.92	1.0	3	16	4	8	n.	A. C. Wilkerson.
Osceola	Mississippi	240	28	47.8	+5.5	75	14	26	11†	49	1.41	−2.31	0.95	2.0	4	6	14	8	s.	June Thomason.
Ozark	Franklin	450	30	48.6[e]	+5.7	74[e]	14	22[e]	4	38[e]	1.57	−0.98	1.22	0.0	2	7[e]	4[e]	14[e]	nw.	Isham Burrow.
Patterson	Woodruff	196	10	.....	.....	.....	.....	.....	.....	.....	2.02	−0.97	1.00	0.5	5	18	0	10	n.	W. E. Baker
Piggott	Clay	397	2	.....	.....	.....	.....	.....	.....	.....	1.82	.....	1.26	2.0	5	15	3	10	sw.	H. H. Harlan.
Pindall	Searcy	1500	4	.....	.....	.....	.....	.....	.....	.....	1.78	...	0.72	0.3	8	13	4	11	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	52.2	+6.8	76	7	32	4†	38	2.71	-1.29	1.75	0.0	3	16	6	6	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	33	46.4	+6.0	68	8	20	11	40	2.11	- 1.16	1.05	2 5	7	10	8	10	n.	Benedicitine Sisters.
Portland	Ashley	122	20	56.9	+8.4	83	7	24	11	43	2.55	−1.74	1.30	0.0	3	16	4	8	w.	W. E. Edmiston.
Prescott	Nevada	329	38	51.8	+5.5	78	12	24	11	41	1.86	−1.66	0.76	0.0	4	18	1	9	w.	C. D. Calhoun.
Princeton	Dallas	287	20	.....	.....	.....	.....	.....	.....	.....	2.64	-1.20	1.30	0.0	3	18	2	8	.....	Foote Coleman.
Rison	Cleveland	243	25	52.9	+8.5	76	14	24	11	35	1.97	−1.17	1.32	0.0	3	17	6	5	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	35	45.6	+7.3	73	13	17	11	42	0.96	−0.92	0.82	1.5	4	14	6	8	sw.	Carl A. Starck.
Searcy	White	236	17	49.0	+5.8	71	7	22	11	38	2.42	−1.13	1.12	0.0	4	16	5	7	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19	.....	.....	.....	.....	.....	.....	.....	2.10	−1.57	1.00	0.0	3	20	0	8	.....	Miss Grace Field.
Story	Montgomery	700	2	.....	.....	.....	.....	.....	.....	.....	2.77	.....	1.14	0.0	4	17	5	6	n.	S. C. Story.
Stuttgart	Arkansas	228	39	50.8	+6.6	73	7†	22	10	36	2.66	−0.95	2.01	0.0	3	17	6	5	se.	Adam F. Buerkle.
Subiaco	Logan	1050	29	49.7[e]	+7.3	74[e]	13†	27[e]	19	43[e]	1.38	−1.31	0.85	0.0	2	13[e]	2[e]	8[e]	n.	New Subiaco Abbey.
Texarkana	Miller	332	40	53.3	+5.5	77	7	27	11	37	1.75	−1.19	1.17	0.0	3	16	4	8	n.	H. S. Brashear.
Thornburg	Perry	650	2	48.6	.....	73	7	19	11	38	2.80	.....	1.20	0.0	4	19	2	7	s.	T. Y. Powell.
Waldron	Scott	675	7	.....	.....	.....	.....	.....	.....	.....	1.53	.....	0.64	0.0	3	12	5	11	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	32	5.89	+13.3	75	14	25	11	32	2.10	−2.18	1.40	0.0	2	17	5	6	s.	W. L. Shide.
Waters	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	2.35	. . .	1.25	0.0	2	20	3	5	sw.	J. R. Huddleston.
Whitecliffs	Little River	290	22	.....	.....	.....	.....	.....	.....	.....	2.74	−0.28	1.17	0.0	3	17	5	6	ne.	Nannie O. Schirmer.
Wynne	Cross	250	18	47.8	+4.0	74	14	22	11	39	2.04	−1.50	0.92	1.0	6	14	5	9	s.	E. O. Allen.
Yancopin	Desha	167	2	.....	.....	.....	.....	.....	.....	.....	1.95	.....	0.98	0.0	3	13	4	11	.....	W. E. Barton.
State Means and Extremes				48.5	+5.7	88	7	10	19	51	2.02	−1.33	2.01	1.0	3	15	4	9	se.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. **T.** Less than 0.0 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for February, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.9	7.8	7.4	7.1	7.0	6.8	6.7	6.5	6.5	6.3	6.0	5.9	5.7	5.7	5.6	5.6	5.4	5.4	5.6	5.7	5.5	5.3	5.1	5.1	5.1	5.5	6.3	6.1	....	....	....
Dardanelle	do	20	6.2	6.2	5.7	5.4	5.0	4.8	4.6	4.4	4.1	3.9	3.8	3.6	3.4	3.2	3.0	2.9	2.9	2.8	3.0	3.1	3.1	3.0	2.9	2.8	3.3	3.9	4.2	4.0	....	....	....
Little Rock	do	23	5.9	5.6	5.1	4.8	4.2	3.8	3.2	3.0	2.8	2.4	2.1	1.9	1.7	1.6	1.4	1.0	0.9	0.8	1.5	2.0	1.8	1.6	1.5	1.4	1.5	2.4	3.4	3.4	....	....	....
Pine Bluff	do	25	10.2	10.1	9.9	9.5	9.1	8.6	7.9	7.5	7.1	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.6	5.8	5.9	6.1	6.4	6.5	6.3	6.1	6.0	6.2	7.0	7.8	....	....	....
Yancopin	do	29	25.8	26.3	26.7	26.9	27.0	26.9	26.6	26.0	25.3	24.5	23.7	23.1	22.7	22.5	22.4	22.3	22.1	21.8	21.1	20.5	20.0	19.7	19.5	19.7	20.2	20.8	21.6	22.6	....	....	....
Danville	Petit Jean	20	7.4	7.2	6.8	6.1	5.8	5.6	5.4	5.1	5.0	4.8	4.4	4.4	4.3	4.2	4.1	4.0	4.0	5.2	6.6	6.5	6.5	6.3	6.2	6.2	7.1	6.8	6.5	6.3	....	....	....

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	6.7	6.9	6.6	6.4	5.9	5.4	5.0	5.7	5.3	4.2	3.9	3.6	3.3	3.3	3.5	2.6	2.2	2.2	2.3	3.1	2.4	2.2	2.1	1.9	2.9	4.6	5.1	5.1	....	....	....
Batesville	....do	23	12.7	13.2	13.0	12.7	12.3	11.7	11.1	10.7	10.3	.98	9.8	9.3	8.9	8.8	9.0	8.8	7.9	8.1	7.9	8.5	8.6	8.0	7.7	7.3	10.5	10.6	11.0	11.2	....	....	....
Newport	....do	26	15.4	15.5	15.5	15.4	15.0	14.5	13.7	12.7	12.0	11.0	10.2	9.6	8.8	8.0	7.7	7.6	7.0	6.3	6.3	6.1	6.6	6.4	6.1	5.8	6.3	10.0	11.6	13.0	....	....	....
Dam No. 1	Little Red		5.7	5.5	5.3	5.1	4.8	4.6	4.0	3.5	3.0	2.7	2.5	2.2	2.0	1.8	1.6	1.4	1.2	1.0	3.4	3.0	2.2	2.0	1.8	1.6	6.5	10.6	7.1	5.7	....	....	....
Georgetown	White	22	19.7	19.6	19.4	19.2	19 0	18.9	18.6	18.3	17.8	17.6	16.8	16.0	15.2	14.6	13.6	13 6	12.0	11.5	11.2	10.6	10.2	10.2	10.0	9.6	9.6	11.4	14.2	15.0	....	....	....
Clarendon	....do	30	26.2	26.3	26.3	26.3	26.3	26.2	26.1	26.0	25.8	25.6	25.5	25.3	25.0	24.7	24.3	23.9	23.4	23.0	22.5	22.9	21.4	20.9	20.3	19.9	19.6	19.3	19.5	20.0	....	....	....
Gilbert	Buffalo	30	6.8	6.5	6.1	5.9	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.9	4.9	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	6.0	6 6	6.2	5.9	....	....
Corning	Black	11	11.0	10.9	10.8	10.7	10.6	10.5	10.5	10.3	10.1	9.8	9.6	9.3	9.1	9.0	8 8	8.7	8.5	8.5	8.5	8.6	8.6	8 7	8.8	8.9	9.2	10.2	11.4	11.9	..	....	....
Black Rock	....do	14	10.2	10.2	10.4	10.2	10.0	9.6	9.2	8.7	8.2	7.5	7.2	7.0	7.0	6.5	6 0	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	11.0	13.9	13.0	12.8	....	....	....
Patterson	Cache	9	9.9	9.9	9.8	9 7	9.6	9.4	9.2	9.0	8.7	8.4	8.0	7.6	7.3	7.0	6.8	6.6	6.4	6.3	6.2	6.2	6.2	6.2	6.1	6.0	6.0	6.0	6.0	6.0	....	....	....
Arkadelphia	Ouachita	18	3.6	3.2	3.5	2.0	1.5	1.6	2.4	2.5	2.3	1.8	1.8	2.0	2.2	2.2	1.6	1.2	1.0	3.0	4.0	4.0	3.8	3.2	2.5	2.6	3.5	4.2	4.8	4.5	....	..	....
Camden	....do	30	25.2	22.4	20.0	17.8	14.5	13.2	12.2	11.8	11.3	11.0	10.6	9.8	8.0	7.7	7.1	6.8	6.9	7.0	7.6	12.2	17.6	17.6	16.0	14.9	14.9	15.7	15.9	15.2	....	....	....
Fulton	Red	28	14.3	12.7	11.6	11.9	10.5	11.1	10.0	9.7	9.4	9.1	8.9	8.7	8.5	8.5	8.4	8.3	8.3	8.7	10.2	11.2	12.1	12.3	12.0	11.2	10.5	10.4	11.1	11.7	....	....	....
Springbank	....do	37	21.8	18.0	16.6	15.4	15.4	14.8	14.4	14.4	14.2	13.8	13.4	13.0	12.5	12.0	11.5	11.0	11.0	11.0	11.2	12.2	13.0	13.0	12.9	12.8	12.7	12.0	11.0	10.4	....	....	....
Whitecliffs	Little	28	10.8	8.0	6.1	5.3	4.8	4.2	3.6	3.6	3.6	3.3	3.1	3.0	3.0	3.0	2.8	2.4	2.3	3.6	8.8	11.3	12.3	12.2	9.8	8.0	7.0	7.2	11.1	10.9	....	....	....
Marked Tree	St. Francis	17	14.7	14.8	14.8	14.7	14.6	14.4	14.2	14.0	13.8	13.5	13.1	12 8	12.6	12.3	12.1	11.8	11.3	11.2	11.0	10.7	10.3	9.9	8.4	7 9	8.0	8.0	8.0	8.1	....	....	....
Helena	Mississippi	44	33.0	33.4	33.7	33.6	33.1	32.4	31.0	29.5	28.0	26.9	26.7	26.9	27.4	27.8	28.0	28.0	27.5	26.7	25.6	24.7	24.3	24.7	25.6	26.7	28.2	29.8	30.9	31.9	....	....	....
Arkansas City	....do	48	35.0	35.7	36.3	36.7	36.8	37.0	36.8	36.3	35.8	34.6	33.9	33.3	33.0	33.0	33.1	33.0	32.9	32.6	31.9	31.2	30.3	29.9	29.7	29.9	30.5	31.5	32.4	33.3	....	....	....

Daily Precipitation for February, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																	.70	.15						.25								1.10
Arkadelphia	Ouachita																	.15	1.45							.80							2.40
Arkansas City	Desha			.02															1.04	.02					.74								1.82
Arlberg	White		.10															.45	.30	.02				.95	.25								2.07
Batesville	White	.03		.06		T.							T.	T.					.48	.10				T.		1.73							2.40
Bee Branch	Arkansas		T.		.09										T.			.70	.75						1.25	.20							2.99
Bentonville	Arkansas		T.		T.													.42	.20					T.	1.00								1.62
Black Rock	White	.25											.05						.46	.19						1.00								1.95
Booneville	Arkansas		.01	.02														.21	.32					.48	.08								1.12
Brinkley	White					.03													.88							.88								2.18
Calico Rock	White	.09	.06	.02		T.													1.21	.06														1.83
Camden	Ouachita																		31	.10				T.		1.25		T.						2.08
Center Point	Red		.04															.09	1.49						.50									2.73
Clarendon	White	T.		.02		.01												1.45	.34						.90									2.53
Clinton	White																		1.69	.01					T.	.80								2.55
Conway	Arkansas																	.48	.58						1.49									2.69
Corning	White																	.94	.42					.03	.96	.34								2.40
Dam No. 1	White		T.		.05													.20	.20	.40				.20	.60	.80								2.60
Danville	Arkansas			T.														1.17	.09					.08	1.21									1.70
Dardanelle	Arkansas																	.05	.90							.75								1.49
Dodd City	White																		.80							.69								2.08
Dumas	Mississippi		.05															.25	.42	.05						1.36								1.93
Dutton	White		.04		T.													.65	.68					.40	.20									1.72
El Dorado	Ouachita												T.					.04	.63	.03				.94	.04									2.19
England	Arkansas		.03															.26	.83						1.10									2.62
Eureka Springs	White		.02															.63	1.32					.52	.12									1.51
Evening Shade	White		.10											T.	T.			.15	.18	.10					.61	.45								2.20
Fayetteville	White	.01												T.				.10	.10	.10				1.00	.80									0.61
Fort Smith	Arkansas		.07											T.				.15	T.	.06				.29	.10									1.32
Freeman Sprgs	Arkansas		.05	.17		T.												.62	.23					.40										2.46
Fulton	Red			T.										T.				T.	.87	.03					1.34									1.65
Georgetown	White																	.72	.77						.16									1.80
Gilbert	White	.06	.01	.01		.03													1.05	T.					.75									1.74
Grady	Arkansas																	1.40	.32	.11					1.20									2.30
Grannis	Red																	1.48	.21					.90										2.57
Gravette	Arkansas				T.									T.	T.			.42	.26	.09			T.	.44	.25									1.46
Harrison	White																		.50	.20			T.	.80										1.50
Helena	Mississippi			.06		.02								T.					1.06	T.	.01			.16		1.26								2.57
Higden	White			.02	.05													.81	.21	T.				1.41	.09									2.59
Hope	Red												T.					1.03						.40										1.43
Hot Springs	Ouachita		T.	T.														1.22	.27	T			T.	.65	.07									2.21
Huttig	Ouachita																	*					.75	.40										1.15
Jonesboro	White	.02			.01										.04			.14	.27	.20				.32	.64									1.64
Junction	Ouachita																	1.25					.03	.46										1.74
Lambrook	White																	1.95	.03	T.			T.	1.51		T.								3.52
Little Rock	Arkansas		.03															.37	.23					1.14										1.86
Lutherville	Arkansas		T.	.12									.02					1.43	.06				.02	.42										1.97
McGehee	Mississippi		.02															1.28						.24										1.52
Magnolia	Red																	.10	1.40						1.05									2.55
Malvern	Ouachita																		.47	.45			.01		1.77	T.								2.89
Mammoth Spg	White	.12	.07															.10	1.13	.01				.23	.74									2.39
Marianna	Mississippi	.10	.03			.05													.43	.19			.08		.90									1.66
Marked Tree	Mississippi	.02		T.		.04												T.	.36	.05				.50	.30									1.24
Marshall	White		T.		.03									T.	.02			.30	.87						.99									2.18
Mena	Ouachita			T.														.03	.22	.04				.93										1.22
Mountain Home	White																	.92	.26					1.05										2.41
Mount Ida	Ouachita			.18																					.92									1.37
Murfreesboro	Ouachita																		.33	.12														1.41
Newport	White													T.					.05	.25				.16	.95									1.57
Osceola	Mississippi					T.													.35							1.22									2.02
Ozark	Arkansas		T.																1.00	.05				.12	.80									1.82
Patterson	White	.05									T.			T.				.10	.27				.09		1.26	T.									1.78
Piggott	Mississippi		.10	T.														.17	.53	.02					.72	.21									2.71
Pindall	White		.05	.03	.05									T.				T.	1.75	T.					T.	.95									2.11
Pine Bluff	Arkansas	.01		T.														.28	.10	.33				.05	.18	.87									2.55
Pocahontas	White	.30																	1.30						.71	.54									1.86
Portland	Ouachita																	.46	.76						.52										2.64
Prescott	Ouachita			.12														.25	1.30							1.09									1.97
Princeton	Ouachita																		.05	1.32						.60									0.96
Rison	Ouachita																	.06	T.	.08				.46	.36									2.42
Rogers	Arkansas				T.													.10	1.10	T				.10	1.12									2.10
Searcy	White																	.60	1.00	T.			T.	.50										2.77
Springbank	Red																	.40	.96					1.14										2.66
Story	Ouachita	.27																2.01						.64										1.38
Stuttgart	Arkansas		.01															.85						.53										1.75
Subiaco	Arkansas																	1.17	.33						.25									2.80
Texarkana	Red		T.															.80	.30					1.20										1.53
Thornburg	Arkansas		.50															.55	.34					.64										2.10
Waldron	Arkansas		T.	T.														1.40						.70										2.35
Warren	Ouachita																	1.25						1.10										2.74
Waters	Ouahita																	.78	1.17						.79									2.04
Whitecliffs	Red																		.92	.22					.82									1.95
Wynne	Mississippi	.03		.03		.02													.95						.98									
Yancopin	Arkansas	T.		.02		T.																												

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Precipitation included in the next following measurment.

Daily Temperatures for February, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	51	52	56	55	51	65	66	66	64	54	50	61	69	66	55	58	51	57	50	64	63	66	62	54	67	64	63	67				59.5
	Minimum	34	42	37	30	29	33	34	39	43	28	24	40	50	45	39	29	43	44	29	28	36	42	43	45	41	42	34	33				37.0
Batesville§§	Maximum	55	51	54	46	51	67	70	68	53	41	48	57	78	66	50	56	54	66	47	66	68	66	51	53	66	51	55	67				57.9
	Minimum	39	35	39	27	23	23	29	31	34	30	16	18	42	52	38	20	21	45	27	27	41	53	38	37	37	39	28	28				32.8
Bentonville	Maximum	42	52	45	35	54	62	71	64	52	39	50	68	72	60	44	57	52	56	44	64	65	60	61	54	55	47	57	69				55.4
	Minimum	32	39	29	28	24	36	41	35	37	24	21	47	56	36	23	29	45	25	19	36	52	36	32	41	37	32	36	41				34.6
Bee Branch	Maximum	52	52	52	52	47	62	68	68	67	54	46	57	68	66	49	58	57	65	52	66	68	66	55	54	63	63	57	69				59.0
	Minimum	38	40	37	27	26	31	35	43	41	31	18	35	43	46	32	27	37	47	26	28	47	47	37	40	41	39	37	34				36.1
Booneville	Maximum	53	56	54	51	56	68	76	72	65	51	52	73	73	68	52	63	56	60	49	71	70	67	58	54	64	56	64	74				61.6
	Minimum	31	42	31	28	26	31	32	37	41	30	27	42	52	44	32	29	47	40	26	28	54	52	36	42	36	36	34	34				36.4
Brinkley	Maximum	62	54	61	61	54	71	72	70	60	50	50	58	70	70	57	61	59	69	56	66	70	67	63	69	70	65	62	65				62.9
	Minimum	36	42	42	41	28	36	35	49	43	33	21	37	50	56	38	29	43	48	29	32	49	58	38	41	46	42	37	34				39.8
Calico Rock	Maximum	50	48	50	45	53	69	76	70	55	47	48	64	72	61	51	58	57	68	49	70	70	66	54	52	66	50	57	72				58.9
	Minimum	40	36	38	28	27	29	29	30	30	32	18	35	41	44	33	21	21	39	27	27	28	49	38	38	39	39	29	28				32.6
Camden§§	Maximum	59	59	65	65	58	71	74	75	60	53	53	68	73	76	60	64	58	62	53	68	71	69	63	66	71	55	68	70				64.5
	Minimum	33	33	38	30	31	32	35	39	43	33	25	25	48	59	42	30	30	46	32	31	31	53	45	44	44	46	34	33				37.3
Center Point	Maximum	53	52	61	59	55	70	72	71	66	53	51	67	71	70	59	62	59	54	53	67	69	66	61	57	68	62	67	71				62.4
	Minimum	33	42	36	35	32	41	45	52	40	30	27	42	59	52	32	37	47	41	29	34	46	54	41	45	40	40	35	42				40.3
Conway	Maximum	56	53	56	48	54	66	75	69	59	51	49	59	70	68	54	60	54	66	53	68	72	70	55	55	68	60	62	68				60.6
	Minimum	38	41	36	28	28	36	32	37	31	37	20	38	45	51	37	30	43	48	30	28	55	51	39	41	38	40	37	32				37.4
Corning	Maximum	57	49	50	49	46	65	65	64	50	50	48	58	64	64	58	58	59	65	60	66	65	65	65	56	68	67	52	58				58.6
	Minimum	35	38	40	30	25	40	32	35	42	32	28	39	46	47	37	26	39	49	26	44	58	53	36	30	44	36	32	33				37.6
Dardanelle	Maximum	59	54	59	55	59	60	59	62	60	73	56	61	75	67	53	61	67	70	51	64	69	73	55	57	67	61	64	62				61.9
	Minimum	36	43	39	32	34	35	34	36	33	28	32	34	38	48	36	34	42	43	29	36	41	33	39	34	40	39	37	34				36.4
Dodd City	Maximum	43	48	46	43	52	63	72	62	59	47	46	66	72	71	43	57	52	64	43	69	68	66	54	52	64	61	56	52	70			57.0
	Minimum	35	32	32	24	20	23	33	29	33	26	17	37	45	38	26	22	43	41	22	29	45	41	33	36	37	34	32	32				32.0
Dumas	Maximum	61	52	59	60	56	70	76	75	63	51	52	62	73	78	58	63	54	66	50	69	74	74	65	72	73	61	66	68				64.3
	Minimum	41	44	31	31	31	36	40	44	46	33	22	36	53	53	40	33	45	48	33	31	43	55	42	42	47	45	36	36				39.9
Dutton	Maximum	50	53	47	43	51	64	68	65	54	41	44	62	69	64	46	53	50	58	44	63	64	68	58	49	61	50	57	68				55.7
	Minimum	31	34	25	22	17	28	27	28	35	25	14	36	40	35	23	20	42	36	17	27	43	43	22	39	35	30	26	23				29.4
El Dorado	Maximum	61	57	65	69	64	72	74	76	65	55	55	66	75	77	60	67	62	64	53	69	72	70	65	68	73	67	67	70				66.6
	Minimum	40	43	41	35	34	37	45	47	47	34	28	42	61	55	44	34	48	48	33	34	51	56	46	46	45	47	33	40				42.6
England	Maximum	61	53	60	54	55	74	71	74	60	50	49	61	71	74	54	61	57	67	51	69	71	68	64	68	71	66	60	68				62.9
	Minimum	35	41	38	30	31	36	40	50	43	33	33	42	55	54	35	32	50	50	32	28	48	58	40	40	43	44	37	35				40.5
Eureka Springs	Maximum	42	52	49	39	58	68	72	68	56	44	53	67	72	65	48	61	52	59	46	66	66	63	60	56	58	53	58	70				57.7
	Minimum	31	35	30	26	21	39	45	38	36	25	19	40	49	36	22	28	46	31	19	38	54	40	37	38	37	31	37	42				34.6
Fayetteville	Maximum	46	53	47	42	53	64	70	66	58	46	50	66	71	68	46	56	57	57	45	65	65	60	62	57	58	53	57	70				57.4
	Minimum	31	38	32	29	23	41	37	41	35	26	20	40	54	36	24	28	46	30	18	35	52	43	31	41	36	31	37	36				34.7
Fort Smith	Maximum	48	56	49	47	52	65	72	69	55	46	52	71	74	65	51	62	53	56	47	69	69	62	58	50	61	50	63	73				58.8
	Minimum	34	42	35	32	28	37	38	47	41	32	27	41	52	43	32	35	44	31	27	33	53	44	36	44	40	37	38	40				38.0
Grannis	Maximum	56	50	55	59	55	70	70	72	58	48	50	62	70	70	55	54	55	52	52	67	66	65	65	57	68	58	60	60				60.0
	Minimum	30	39	32	29	21	32	46	43	37	31	22	39	45	45	32	29	41	33	24	27	40	50	37	42	37	36	34	32				35.2
Gravette	Maximum	41	53	48	43	56	65	72	68	55	45	52	69	73	71	46	58	53	55	52	66	65	61	63	58	57	50	65	71				58.2
	Minimum	31	32	23	26	16	30	28	22	34	24	16	40	44	36	17	18	45	30	10	33	52	42	37	40	34	34	23	29				30.2
Harrison	Maximum	45	52	45	42	53	64	74	67	60	43	49	67	75	67	45	61	55	64	46	70	70	65	56	52	60	55	56	71				58.2
	Minimum	34	34	35	26	20	35	40	30	37	26	15	37	43	37	24	20	41	37	20	32	51	41	33	34	37	33	34	29				32.7
Helena§§	Maximum	66	55	64	60	58	71	75	75	61	46	54	60	71	78	61	66	55	67	50	67	71	70	51	71	71	56	63	68				63.6
	Minimum	41	38	41	33	31	30	37	36	43	34	22	22	41	56	42	32	33	46	32	29	33	44	41	31	40	45	36	34				36.5
Hope	Maximum	57	57	64	65	59	72	75	71	66	55	54	71	72	72	72	64	54	57	55	60	71	68	68	65	71	60	69	72				64.9
	Minimum	35	41	37	30	30	35	39	38	43	32	24	41	60	40	36	30	46	38	30	35	49	56	44	42	42	43	37	37				38.9
Hot Springs	Maximum	55	51	57	53	55	71	73	72	60	50	50	60	69	68	60	62	53	59	52	68	67	65	59	59	69	61	65	69				61.1
	Minimum	36	38	38	32	29	37	38	38	42	29	24	39	49	50	36	30	44	47	30	32	49	53	42	46	42	42	38	37				38.8
Jonesboro	Maximum	55	50	55	46	47	65	69	63	52	47	45	57	65	70	49	53	54	65	58	62	66	68	44	56	65	57	54	58				57.0
	Minimum	37	40	42	31	26	38	36	42	45	31	22	33	38	48	39	27	34	48	26	30	44	43	36	34	43	39	35	26				36.0
Lambrook §§	Maximum	59	52	59	54	54	68	71	70	51	44	47	59	71	76	55	60	55	65	47	66	72	72	49	69	67	53	58	67				60.4
	Minimum	40	42	41	28	30	31	32	37	42	34	18	19	43	58	39	33	34	47	30	28	32	51	40	39	42	44	38	32				36.6
Little Rock	Maximum	56	52	55	47	52	67	72	68	55	43	47	59	69	63	51	58	55	62	48	67	68	64	52	61	68	51	60	68				58.5
	Minimum	38	44	40	35	32	39	41	50	43	32	27	41	52	44	40	37	46	39	31	32	50	46	39	41	44	38	37	39				39.9
Lutherville	Maximum	49	53	51	47	51	63	68	69	59	47	45	61	71	65	50	58	54	61	48	68	68	64	55	50	61	55	62	71				58.0
	Minimum	33	41	35	31	25	34	37	43	41	30	22	35	50	43	30	31	39	42	26	28	47	48	33	39	38	36	36	35				36.0
Magnolia	Maximum	63	66	62	68	66	70	74	75	70	57	55	71	69	68	68	64	65	60	49	69	66	64	65	66	66	58	65	70				65.3
	Minimum	37	40	40	37	35	41	42	46	46	35	30	46	50	58	42	40	46	43	34	41	52	56	48	49	46	48	37	42				43.1
Malvern	Maximum	57	54	62	58	57	71	73	72	66	52	52	61	71	71	60	63	56	62	53	68	70	66	64	60	70	63	67	70				63.2
	Minimum	33	42	36	29	29	32	34	39	44	28	21	39	47	49	39	28	43	46	31	28	47	57	41	43	41	44	33	31				37.6
Mammoth Spg.§§	Maximum	48	47	47	44	47	62	67	62	49	44	43	59	65	58	45	52	52	64	44	65	65	68	47	47	61	47	52	67				54.2
	Minimum	35	34	39	26	21	22	28	29	32	28	15	15	39	42	33	19	22	42	24	41	48	35	33	33	36	29	26					30.4
Marianna	Maximum	61	54	58	54	45	64	72	72	59	50	48	59	69	75	74	59	56	68	59	65	71	70	65	71	68	63	57	66				62.6
	Minimum	38	42	42	31	39	34	35	36	44	33	23	35	51	40	39	31	42	49	29	31	45	47	38	39	46	44	38	35				38.1
Marked Tree§§	Maximum	52	55	47	48	66	68	63	53	36	48	58	68	70	51	55	55	65	42	63	78	66	47	63	65	50	54	65	60				57.5
	Minimum	38	41	35	28	29	34	38	44	33	22	23	44	57	40	27	33	48	27	29	35	53	32	36	37	41	37	33	38				36.1
Marshall	Maximum	51	49	48	45	52	65	71	70	57	58	45	61	71	67	46	56	54	65	61	66	68	66	56	53	62	58	54	69				58.7
	Minimum	37	38	36	27	23	39	33	33	37	28	24	38	52	41	28	31	44	49	24	30	52	45	35	38	36	36	29	37				35.7
Mena	Maximum	62	56	52	55	57	74	72	74	57	45	51	62	60	56	51	62	52	50	50	66	67	64	60	55	66	50	62	67				59.1
	Minimum	30	45	36	35	28	37	37	37	40	32	22	45	44	39	34	26	47	47	25	33	45	55	38	42	37	37	35	33				37.2
Mountain Home	Maximum	42	46	46	39	54	67	74	68	54	43	47	64	74	64	49	58	55	66	47	68	69	61	52	44	64	51	55	71				56.9
	Minimum	34	33	36	24	21	29	29	33	37	26	17	35	45	38	25	20	33	35	22	27	47	40	33	34	36	34	32	28				31.5
Mount Ida	Maximum	57	51	54	54	58	73	78	75	63	51	51	63	69	68	57	62	55	58	61	69	69	67	60	56	70	58	67	71				62.3
	Minimum	27	37	31	24	22	28	28	33	42	25	16	45	48	48	35	22	42	41	27	23	51	58	37	44	37	40	29	27				34.5
Newport	Maximum	65	57	56	48	52	71	73	66	59	50	45	56	68	69	50	56	57	67	57	64	68	68	50	55	65	62	54	66				59.8
	Minimum	35	40	44	32	27	37	33	43	44	30	22	36	45	48	39	23	40	48	27	32	42	46	38	37	43	40	36	32				37.6
Osceola	Maximum	65	56	55	52	52	71	71	70	55	46	47	54	67	75	54	56	59	65	60	61	65	67	48	52	68	60	55	65				59.7
	Minimum	38	38	43	32	28	33	32	43	43	30	26	35	48	48	38	28	32	39	26	32	29	47	36	39	34	40	35	33				35.9
Ozark	Maximum	50	58	53	45	54	67	71	71	63	47	50	60	70	74	62	55	60	61	60	63	70	71	66	59	52	....	....	....				60.5
	Minimum	31	42	35	22	25	31	33	36	38	30	28	45	40	49	32	36	30	32	45	27	54	50	49	34	43	....	....	....				36.7
Pine Bluff	Maximum	61	54	57	59	59	73	76	73	61	51	51	61	72	72	65	65	54	67	53	69	70	67	62	69	72	59	65	71				63.7
	Minimum	37	42	41	32	34	35	38	44	45	33	34	38	53	53	40	33	46	46	32	32	53	56	42	42	44	44	39	34				40.8
Pocahontas	Maximum	57	53	51	45	46	66	67	68	62	51	44	56	64	64	50	54	53	66	62	68	65	63	47	49	64	60	55	65				57.5
	Minimum	35	40	43	28	23	32	32	36	42	30	20	35	41	50	37	25	33	48	22	25	49	45	36	33	43	38	32	32				35.2
Portland	Maximum	61	60	68	72	70	72	83	82	74	61	56	66	79	83	76	68	63	79	68	70	77	77	74	81	79	74	64	70				71.8
	Minimum	41	42	42	34	35	34	40	48	49	37	24	37	59	61	42	33	47	51	34	31	45	57	44	44	47	46	36	35				42.0
Prescott	Maximum	56	54	64	63	68	72	74	73	66	60	53	78	72	73	67	66	62	57	54	70	70	68	65	68	71	70	68	74				66.3
	Minimum	35	36	37	30	31	31	39	44	33	32	24	40	56	49	36	31	39	44	32	38	40	39	41	44	44	39	34					37.4
Rison	Maximum	59	54	64	61	58	70	75	73	67	56	53	62	73	76	62	63	59	65	54	69	71	69	66	68	71	68	64	70				65.0
	Minimum	37	44	38	31	32	36	41	46	44	34	24	39	51	35	40	34	45	49	32	34	49	55	42	41	44	45	37	39				40.8
Rogers	Maximum	46	54	48	43	56	61	72	64	58	42	51	68	73	68	46	60	53	57	58	65	67	62	64	56	57	50	58	72				58.2
	Minimum	32	37	29	29	19	33	30	29	36	26	17	41	45	36	24	25	45	35	19	35	53	42	32	42	37	32	32	36				33.1
Searcy	Maximum	59	53	58	55	51	67	71	69	62	52	47	57	68	67	62	62	60	66	56	65	66	68	64	58	63	68	58	66				61.4
	Minimum	39	41	48	30	25	32	33	37	42	32	22	35	44	46	35	40	40	35	30	28	35	48	38	39	43	40	35	32				36.6
Stuttgart	Maximum	59	53	60	52	53	67	72	68	59	50	49	60	70	72	62	59	56	68	55	67	69	67	64	69	68	62	59	62				61.8
	Minimum	42	40	31	28	36	36	57	45	33	22	35	41	50	37	34	45	48	32	33	43	57	40	40	44	43	38	37	46				39.8
Subiaco	Maximum	54	56	51	50	57	68	73	....	....	....	....	....	74	68	53	63	57	63	50	71	71	67	59	63	63	58	64	74				62.0
	Minimum	34	41	38	31	28	35	36	....	....	....	....	....	49	45	30	34	45	42	27	28	44	52	35	41	40	36	36	34				37.4
Texarkana	Maximum	60	60	68	68	60	73	77	76	68	57	54	72	76	70	62	66	57	58	54	70	71	71	64	62	73	62	70	74				66.2
	Minimum	31	46	37	33	32	36	42	47	42	33	27	43	61	52	33	32	47	39	29	33	54	55	45	47	37	43	34	40				40.4
Warren	Maximum	58	56	62	61	57	68	74	72	68	56	51	61	74	75	73	62	59	65	53	67	71	70	68	69	68	67	63	68				64.9
	Minimum	49	44	40	35	33	38	44	51	46	36	25	39	59	61	41	31	46	52	33	35	49	57	43	43	47	46	39	38				42.9
Wynne	Maximum	58	52	57	50	49	67	70	67	57	50	47	56	65	74	53	57	57	59	50	50	72	68	49	65	66	62	56	64				58.8
	Minimum	35	41	42	30	27	33	40	39	43	31	22	30	45	49	38	28	42	48	28	30	31	49	38	39	42	41	35	34				36.9

§§Instruments are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.
HARVEY S. COLE, Metorologist
VOL. XXXI LITTLE ROCK, ARK., MARCH, 1926 No. 3

GENERAL SUMMARY

The weather during March was damp and disagreeable, the temperature for the State averaging 48.5°, the same as during February. The average deficiency in temperature for the State was 4.2°, but numerous individual stations were 8° colder than normal. Unusually low temperatures did not occur, but daily means were normal on only about eight days during the month and daily means 15° to 18° below normal were of frequent occurrence. February was a warmer month at many stations than March and the lowest for the month is only a degree higher than the lowest for February. During the first five days there was practically no rain, but thereafter light to moderate showers were of almost daily occurrence. These showers were not sufficiently heavy to materially increase stream flow, but kept the ground too wet for plowing much of the time. The planting of potatoes and garden truck continued between showers and some corn was planted in central and southern counties, but the unfavorable weather delayed work and retarded the growth of all vegetation. Frost and frequent freezing temperatures damaged the bulk of the peach crop in central and northern sections of the State, but in the Highland Orchard of Pike County, the damage was slight. In most localities apples and berries were not hurt. At the close of the month farm work was somewhat delayed, but this delay is more apparent than real. When compared with last spring which was warm and dry, progress this year is slow, but compared with an average spring farm work is about as far advanced as usual.

W. C. H.

TEMPERATURE

The monthly mean temperature for March, as determined from the records of 58 stations, was 48.5° which is 3.8° below normal, all stations showing negative departures. Monthly means ranged from 57.4° at Huttig to 42.2° at Mammoth Spring, a difference of 15.2° between the northern and southern border counties. The highest temperature recorded during the month was 86° at Dardanelle on the 24th, the lowest, 11° at Gravette on the 8th. The highest occurred in all sections of the State on the 24th, the lowest on different dates. The greatest daily range was 51° at Huttig on the 2nd.

PRECIPITATION

The average precipitation for 85 stations was 5.57 inches which is 0.83 inch above normal. Monthly totals ranged from 9.23 inches at Springbank to 2.04 inches at Searcy. Negative departures occurred at fifteen scattered stations positive elsewhere. An appreciable amount of snow fell at 22 stations and averaged 1.8 inches. The greatest depth measured was 5.4 inches at Bentonville. The average number of rainy days was 9.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:—6th, 1; 7th, 1; 10th, 1; 14th, 1, 19th, 12; 20th, 17; 21st, 12; 22d, 14; 23d, 2; 24th, 2; 25th, 4; 26th, 1; 28th, 1; 29th, 5; 30th, 25; 31st, 5.

Light Hail:—Blytheville, 15th; Center Point, 19th; Mc Gehee, Gravette, 20th; Freeman Springs, 22d; Gilbert, 23d, 25th.

Solar Halos:—2d, 1; 3d, 2; 26th, 1.

Lunar Halos:—28th, 1.

Dense Fog:—22, 1; 23d, 1.

Sleet:—Blytheville, 15th; Bentonville, 30th; Pocahontas, 31st.

MISCELLANEOUS DATA

Stations.	Pressure, Sea-level. Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville	29.99	30.49	13	29.31	30	5,057	20	w.	7	.....	.....	55
Fort Smith.	30.07	30.50	13	29.34	30	7,499	35	sw.	30	71	59	52
Little Rock.	30.08	30.48	13	29.25	30	7,780	38	nw.	7	70	51	56
Memphis.	30.08	30.51	13	29.25	30	7,500	45	sw.	30	74	56	62

COMPARATIVE DATA FOR MARCH

Year	Temperature Monthly average	Departure	Highest	Lowest	Precipitation Average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**52 7**		**98**	**1**	**4.74**		**13**	**7**	**11**	**8**
1891	46.7	−6.0	82	10	5.10	+0.36	11	9	11	10
1892	47.9	−4.8	90	9	3.44	−1.30	14	8	9	7
1893	50.1	−2.6	82	5	3.55	−1.19	16	6	9	8
1894	54.6	+1.9	88	8	9.84	+5.10	14	7	10	9
1895	51.8	−0.9	91	10	5.39	+0.65	13	7	11	10
1896	48.7	−4.0	85	12	5.28	+0.54	10	7	14	8
1897	55.9	+3.2	88	13	9.76	+5.02	10	7	14	15
1898	54.5	+1.8	88	18	5.96	+1.22	10	9	12	9
1899	50.6	−2.1	87	1	2.97	−1.77	12	9	10	7
1900	51.2	−1.5	90	7	2.50	−2.24	15	7	9	7
1901	51.5	−1.2	86	4	4.67	−0.07	14	8	9	6
1902	52.6	−0.1	89	14	5.34	+0.60	12	10	9	7
1903	54.8	+2.1	85	11	5.56	+0.82	10	9	12	8
1904	55.3	+2.6	90	12	5.64	+0.90	11	11	9	8
1905	57.1	+4.4	92	26	5.31	+0.57	10	10	11	9
1906	45.2	−7.5	88	10	5.69	+0.95	8	6	17	11
1907	61.9	+9.2	96	25	3.22	−1.52	14	8	9	6
1908	59.5	+6.8	93	21	3.79	−0.95	11	9	11	8
1909	52.7	0.0	84	16	3.71	−1.03	13	8	10	8
1910	60.7	+8.0	92	23	1.39	−3.35	20	7	4	3
1911	56.6	+3.9	94	15	2.17	−2.57	16	9	6	6
1912	45.8	−6.9	86	10	7.86	+3.12	7	7	17	12
1913	49.7	−3.0	88	8	4.74	0.00	14	9	8	7
1914	50.0	−2.7	86	4	5.13	+0.39	12	8	11	9
1915	42.5	−10.2	73	14	3.54	−1.20	9	7	15	7
1916	54.5	+1.8	91	11	1.93	−2.81	16	6	9	5
1917	53.0	+0.3	87	9	5.32	+0.58	14	5	12	11
1918	57.9	+5.2	96	16	1.31	−3.43	11	8	12	4
1919	53.2	+0.5	86	11	5.47	+0.73	17	5	9	6
1920	51.8	−0.9	88	2	5.31	+0.57	11	5	11	8
1921	60.8	+8.1	92	18	6.55	+1.81	11	8	12	9
1922	51.7	−1.0	83	7	8.58	+3.84	12	6	13	11
1923	49.6	−3.1	88	2	5.04	+0.30	15	5	11	8
1924	46.6	−6.1	84	5	3.27	−1.47	13	6	12	8
1925	55.9	+3.2	89	7	1.69	−3.05	18	6	7	4
1926	48.5	−4.2	86	11	5.57	+0.83	13	6	12	9

Climatological Data for March, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	31	49.0	−6.0	77	24	27	16	38	2.95	−2.31	0.92	0.0	6	12	7	12	n.	G. C. Thrash.
Arkadelphia	Clark	250	30								7.58	+2.48	1.30	0.0	10	11	1	19	n.	F. J. Carpenter.
Arkansas City	Desha	145	42								7.06	+1.64	1.96	0.0	10	12	8	11		Carl R. Cutting.
Arlberg	Stone	700	4								4.95		1.55	T.	9	13	5	13	se.	J. D. Reeves.
Batesville	Independence	277	27	44.1	−8.1	79	24	20	4	44	5 31	+1.19	1.48	T.	10	13	0	18	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	48.3[b]	−4.3	82	24	20[e]	13	38[c]	5.74	+0.56	1.99	0.0	9	14	3	14	n.	J. E. Scanlan.
Bentonville	Benton	1303	21	43.6	−3.7	76	24	22	13	32	3.34	−0.48	0.96	5.4	10	15	5	11	nw.	U. S. Weather Bure
Black Rock	Lawrence	259	24								5.24	+1.02	1.60	0.5	9	14	1	16		Vernon C. Howe.
Blytheville	Mississippi	252	1	50.2[j]		84[j]	18†	22[j]	14	35[j]	3.35	−1.00		T.	6	12[j]	4[j]	5[j]	sw.	J. M. Brooks
Booneville	Logan	465	12	48.0	−8.4	83	24	25	13†	44	3.87	+0.45	1.11	T.	10	13	7	11	e.	F. H. Randolph.
Brinkley	Monroe	205	39	49.8	−2.6	80	24	23	14	38	7.30	+1.33	1.40	T.	14	17	6	8	n.	H. L. D. Whitson.
Calico Rock	Izard	361	22	45.1	−2.8	84	24	22	3†	49	3.84	+0.27	1.22	T.	9	11	9	11	w.	W. J. Copp.
Camden	Ouachita	158	41	49.8	−6.2	81	24	27	16	48	8.73	+3.56	2.80	0.0	10	11	3	17	sw.	A. B. Quarterman.
Center Point	Howard	470	27	51.2	−5.8	82	24	29	14	36	6.20	+1.13	2.02	T.	9	10	8	13	nw.	John C. Floyd.
Clarendon	Monroe	200	22								6.77	+1.48	1.75	T.	12	11	6	14	sw.	J. W. Bishop.
Clinton	Van Buren	516	5								5.87		2.44	0.0	6	9	14	8	nw	A. L. Stephens.
Conway	Faulkner	309	43	49.3	−4.5	83	24	25	14	44	5.99	+1.30	1.81	T.	9	16	5	10	e.	E. E. Cordrey.
Corning	Clay	293	33	46.8	−4.4	81	24	22	3	40	6.51	+1.81	2.10	T.	7	15	11	5	nw.	Winfred D. Polk
Dam No. 1‡‡	White	190	3								5.03		1.26	T.	9	16	3	12	sw.	J. O. Yingling.
Danville	Yell	327	10								4.91	+0.61	1.50	T.	9	8	13	10	e.	C. P. Evans.
Dardanelle	Yell	330	40	51.9	−0.5	86	24	29	3†	43	4.94	+0.48	1.04	0.0	9	15	2	14	w.	J. D. Riley.
Dodd City	Marion	1175	43	43.0	−4.6	72	17†	18	3†	37	2.52	−1.63	0.72	0.8	4	9	16	6	nw.	Neal Dodd.
Dumas	Desha	162	20	51.4	−6.0	82	24	23	3	40	7.55	+1.70	2.80	T.	8	9	15	7	n.	Ben Johnson.
Dutton	Madison	1590	23	42.4	−5.7	78	24	14	27	46	3.70	−0.70	1.31	2.0	11	12	9	10	s.	J. M. Ricketts
El Dorado	Union	270	25	53.2	−3.2	84	24	28	14	39	8.18	+3.74	1.85	0.0	12	10	8	13	se.	J. J. Babb.
England	Lonoke	229	19	50.6[a]	−4.6	83	24	26[b]	14	36[b]	5.54	−0.25	1.47	0.0	9	11	6	14	n.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	26	44.8	−6.2	78	24	20	3†	38	4.07	+0.15	1.10	4.0	12	10	7	14	n.	Geo. W. Nicholds
Evening Shade	Sharp	600	3	46.0		83	24	19	14	49	5.90		1.40	1.1	10	8	14	9	nw.	B. F. Graddy.
Fayetteville	Washington	1451	39	40.2	−4.7	78	24	21	13	35	2.97	−1.11	0.79	2.5	13	14	3	14	nw.	University of Arkan
Fort Smith	Sebastian	457	45	47.6	−5.0	82	24	28	13	38	2.80	−0.82	1.11	0.2	10	11	7	13	e.	U. S. Weather Bur
Freeman Springs	Pope	2240	2								5.25		1.20	1.1	10	15	3	13	n.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40								6.85	+2.28	1.70	0.0	8	10	5	16		T. J. Logan.
Georgetown	White	200	14								4.90	−0.83	1.05	0.0	10	15	3	13	s.	W. R. Owens.
Gilbert	Searcy	675	3								4.02		1.65	0.2	9	13	7	11		Ben F. Battenfield.
Grady	Lincoln	172	2								7.20		2.70	0.0	8					P. T. Simons
Grannis	Polk	900	8	47.6		81	24	24	14†	41	5.49		1.44	T.	10	16	5	10	n.	W. E. Mc Vay.
Gravette	Benton	1250	29	43.2	−0.6	77	24	11	8	45	3.70	0.00	1.10	5.0	11	15	3	13	nw.	A. F. Stevens.
Harrison	Boone	1352	25	45.2[f]		82[f]	24	18[f]	3	44[f]	3.58	+0.41	1.65	3.0	5	9[g]	8[g]	7[g]	nw.	G. L. Wright.
Helena	Phillips	193	54	48.6	−5.2	82	24	23	14†	50	7.63	+1.45	3.08	T.	13	9	4	18	n.	James A. Burnett.
Higden	Cleburne	445	8								5.50		1.64	T.	11	14	8	9	w.	Geo. W. Baker.
Hope	Hempstead	377	55	51.6	−6.4	83	24	28	16	40	6.82	+1.52	1.73	0.0	5	12	5	14	e.	N. P. O' Neal.
Hot Springs	Garland	600	35	50.0	−4.3	81	24	25	14	38	6.32	+1.04	1.70	T.	11	11	9	11		P. P. Patraw.
Huttig	Union	175	19	57.4[b]	−1.0	85[j]	22†	28[g]	16	51[j]	5.95	+0.28	2.90	0.0	3	14[f]	4[f]	7[f]	se.	J. L. Collett.
Index	Little River	275	1								6.82		1.15	0.0	11	11	0	20		H. D. Sanderson.
Jonesboro	Craighead	345	31	46.9[a]	−5.9	79[a]	24	20[a]	13	36[a]	4.77	−0.14	1.30	T.	11	18[b]	4[b]	7[b]	ne.	Benedictine Sisters
Junction ‡‡	Union	182	32	52.5	−4.7	83	24	25	16	45	7.73	+2.34	1.77	T.	7	12	6	13	n.	J. A. Lowderback.
Lambrook	Phillips	155	3	47.4		79	24	23	14	43	5.18		2.10	0.0	6	15	3	13.	nw.	G. B. Lambert Co.
Little Rock	Pulaski	357	47	48.7	−4.3	80	24	27	14	34	5.11	+0.17	1.33	T.	10	10	8	13	e.	U. S. Weather Bu
Lutherville ‡‡	Johnson	775	27	46.4	−8.0	81	24	24	27	35	5.31	+1.54	1.81	0.3	9	13	6	12	e.	H. G. Lenhardt.
Mc Gehee	Desha	148	2								6.64		2.30	0.0	8	20	4	7		P. T. Simons.
Magnolia	Columbia	315	7	52.2		79	24†	29	14	36	8.78		2.70	0.0	7	14	3	14	w.	State Agri. Schoo
Malvern	Hot Springs	277	39	50.3	−3.8	82	24	25	14†	43	6.36	+1.11	1 54	0.0	10	13	8	10	ne.	Mrs. W. L. Matth
Mammoth Spring	Fulton	600	21	42.2	−8.5	82	24	18	14	47	5.09	+0.23	1.45	1.5	12	18	6	7	n.	F. M. Daniel.
Marianna	Lee	235	14	50.4	−4.4	80	24	23	14	39	5.25	−0 43	2.41	0.0	10	8	18	5	s.	C. N. Houck.
Marked Tree	Poinsett	229	21	44.9		79	23	22	13	38	5.36	+0.35	1.40	T.	11	13	13	5	se	Charles Walton
Marshall	Searcy	1070	12	46.4	−7.2	81	24	20	27	42	5.23	+0.98	2.32	T.	8	15	9	7	n.	A. J. Park.
Mena	Polk	1185	38	48.4	−4.2	81	24	25	13†	36	5.16	+0.19	1.19	T.	11	8	5	18	s.	E. W. St. John.
Morrilton	Conway	347	5								5.65		1.80	0.0	8	14	10	7	nw.	John Cook
Mountain Home	Baxter	800	12	43.7	−6.9	82	23	20	8†	46	4.79	+0.28	1.32	1.0	8	12	0	19	sw.	B. S. Halbert.
Mount Ida	Montgomery	650	27	48.6	−4.6	82	24	21	14†	49	5.60	+0.79	1.80	T.	8	15	3	13	nw.	G. A. Whittington
Newport	Jackson	231	42	49.3	−3.3	85	24	23	14	40	4.24	−0.65	1.07	T.	11	15	9	7	n.	A. C. Wilkerson.
Ozark	Franklin	450	30	47.2[g]	−6.2	84[g]	24	18[g]	7†	44[g]	4 18	+0.03	1.28	T.	9	10[f]	1[f]	14[f]	nw.	Isham Burrow.
Patterson	Woodruff	196	10								5.80	−0.81	1.10	0.0	9	17	0	14	n.	W. E. Baker.
Piggott	Clay	307	2								3.99		1.42	0.1	7	16	7	8	nw.	H. H. Harlan.
Pindall	Searcy	1500	4								3.68		1.43	1.0	9	12	6	13	nw.	W. W. Wood.
Pine Bluff	Jefferson	215	39	51.6	−3.2	84	24	27	14	37	7.55	+2.04	2.32	T.	11	14	7	10	nw.	Miss Theresa Sche
Pocahontas	Randolph	300	33	46.1	−5.5	78	24	22	3	46	4.75	+0.10	1.68	1 8	8	12	7	12	n.	Benedicitine Siste
Portland	Ashley	122	20	55.4	−3.4	84	24	25	14	46	4.97	−0.29	1.47	0.0	7	12	8	11	nw.	W. E. Edmiston.
Prescott	Nevada	329	38	51.9	−4.0	82	24	27	14	40	7.38	+2.77	2.01	0.0	10	11	6	14	n.	C. D. Calhoun.
Princeton	Dallas	287	20								7.96	+2.84	2.02	0.0	7	15	1	15		Foote Coleman.
Rison	Cleveland	243	25	54.4	−0.6	85	24	26	14	34	7.18	+1.87	1.75	0.0	7	12	10	9	nw.	Mrs. M. V. Tisda
Rogers	Benton	1385	35	44.2	−5.2	79	24	19	27	43	2.71	−0.88	0.83	3.2	11	13	5	13	ne.	Carl A. Starck.
Searcy	White	236	17	48.1	−4.9	80	24	25	14†	40	2.04	−3.43	1.24	T.	4	14	6	11	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19								9.23	+4.44	2.35	T.	11	12	1	18		Miss Grace Field.
Story	Montgomery	700	2								4.96		1.58	2.0	10	11	3	17	n.	S. C. Story.
Stuttgart	Arkansas	228	39	49.8	−4.2	79	24	25	13	34	7.22	+1.25	2.40	0.0	11	13	10	8	se.	Adam F. Buerkle.
Subiaco	Logan	1050	29	49.9[f]	−3.7	84[f]	24	26[f]	27	38[f]	3.18	+0.37	1.23	T.	6	11[f]	3[f]	11[f]	n.	New Subiaco Abb
Texarkana	Miller	332	40	52.0	−4.8	82	24	27	14	41	6.93	+2.74	1.60	0.0	8	13	5	13	n.	H. S. Brashear.
Thornburg	Perry	650	2	48.2		81	24	25	14	37	5.50		1.70	T.	10	17[a]	6[a]	7[a]	w.	T. Y. Powell.
Waldron	Scott	675	7								4.66		1.03	1.0	13	9	5	17	nw.	Dr. Cheves Bevil
Warren	Bradley	206	32	53.0[e]	−3.1	80[e]	24	26[e]	14	34[e]	7.73	+2.15	1.78	0.0	7	9[e]	10[e]	7[e]	s.	W. L. Shide.
Waters	Montgomery	800	2								7.55		2.05	T.	9	11	8	12	w.	J. R. Huddleston
Whitecliffs	Little River	290	22								6.12	+1.93	1.90	0.0	7	11	5	15	ne.	Nannie O. Schirr
Wynne	Cross	250	18	47.8	−3.8	77	24	23	14	37	5 99	+0.99	1.12	T.	12	11	8	12	s.	E. O. Allen.
Yancopin	Desha	167	2								6.98		1.78	0.0	12	9	5	17		W. E. Barton.
State Means and Extremes				48.5	−4.2	86	24	11	8	51	5.57	+0.83	3.08	1.8	9	13	6	12	nw.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less tha inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for March, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	6.0	5.7	5.4	5.4	5.3	5.3	5.2	5.0	5.0	5.0	5.4	6.8	6.7	6.5	6.2	6.7	6.7	6.4	6.0	6.0	5.8	7.2	8.3	8.5	8.5	7.8	6.7	6.0	5.8	5.7
Dardanelle	do	20	3.9	3.9	3.8	3.9	3.9	3.7	3.7	3.5	3.4	3.4	4.9	6.2	6.3	5.9	5.2	4.7	4.4	4.0	4.6	4.3	4.1	4.0	4.6	5.7	6.2	5.8	5.2	4.7	4.4	4.1
Little Rock	do	23	3.0	2.8	2.6	2.2	2.0	2.0	1.8	1.9	2.0	1.8	2.6	3.5	5.7	6.2	5.7	4.8	3.8	3.2	2.9	2.8	2.5	2.5	3.0	3.6	4.7	5.0	5.1	4.5	3.9	3.6
Pine Bluff	do	25	7.7	7.4	7.2	7.0	6.7	6.4	6.5	6.7	6 5	6.4	6.3	6.6	8.1	10.2	10.7	7.5	9.2	8.2	7.6	7.4	7.1	7.1	7.0	7.4	8.0	9.2	9.6	9.5	9.0	8.6
Yancopin	do	29	23.5	24.1	24.7	25.0	25.3	25.6	26.1	26.3	26.3	26 4	26.4	26.3	26.2	26.4	26.6	26.3	25.7	24.9	24.0	23.2	22.4	21 8	21.2	20.5	20.0	19.8	19.8	19.8	19.8	19.8
Danville	Petit Jean	20	6.1	5.8	5.7	5.6	5.3	5.3	5.3	5.3	5.1	5.1	5.4	5.4	5.3	5.1	4.9	4.9	4.8	4.8	4.7	4.7	4.6	9.6	12.8	13.7	11.4	9.3	7.8	7.1	6.2	7.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	4.8	4.5	4.3	3.9	2.8	3.6	3.2	3.6	3.3	2.9	3.6	7.9	7.3	7.0	7.3	6.7	5.9	5.4	4.9	4.6	4.4	4.2	4.2	3.9	3.3	3.2	3.3	3.4	3.4	2.8	6.8
Batesville	do	23	11.0	10.7	10.3	10.0	9.3	8.7	9.2	9.2	9.2	9.2	10.7	12.6	15.0	13.9	13.5	13.4	12.5	11.7	11.1	10.7	10.4	10.2	10.0	10.0	9.7	9.4	9.0	9.2	9.2	9.1	11.5
Newport	do	26	13.8	13.0	12.0	11.3	10.6	10.0	9.7	9.6	9.8	9.6	10.4	11.8	15.7	17.0	17.4	17.5	17.2	16.7	16.0	15.2	14.3	13.0	12.0	11.2	10.9	10.6	10.3	9.7	9.7	9.0	10.7
Dam No. 1	Little Red		4.8	4.0	3.2	2.5	2.3	2.0	2.6	2.4	2.2	2.0	7.3	14.4	11.6	8.6	6.2	5.0	4.0	3.8	3.6	3.4	3.5	3.4	3.3	5.5	5.0	4.0	3.6	3.3	3.0	2.8	7.5
Georgetown	White	22	15.6	16.0	16.0	15.8	15.6	15.4	15.0	14.6	14.2	14.0	14.2	15.6	16.8	17.6	18.0	18.2	18.4	18.6	18.7	18.8	18.7	18.5	18.2	18.0	17.6	17.3	16.9	16.2	15.6	14.8	15.4
Clarendon	do	30	20.5	21.0	21.4	21.8	22.1	22.3	22.9	23.0	22.9	22.9	22.9	23.0	23.0	23.2	23.3	23.5	23.7	24.0	24.2	24.4	24.5	24.6	24.8	24.9	25.0	25.0	24.9	24.7	24.5	24.4	24.4
Gilbert	Buffalo	30	5.8	5.6	5.4	5.3	5.2	5.1	5.1	5.0	5.0	5.0	7.5	7.7	6.9	6.4	6.1	5.9	5.7	5.5	5.4	5.3	5.2	5.1	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.8	7.3
Corning	Black	11	12.1	12.2	12.2	12.1	12.0	11.8	11.7	11.4	11.1	10.8	10.8	11.3	11.8	12.0	12.1	12.1	12.1	12.0	11.9	11.7	11.4	11.1	10.8	10.6	10.6	10.6	10.4	10.1	9.7	9.5	9.8
Black Rock	do	14	12.4	11.6	10.8	10.0	9.7	9.5	10.0	10.5	10.4	10.0	11.5	14.0	15.2	15.0	14.8	14.0	13.7	13.0	12.2	11.8	11.2	11.0	11.0	10.8	10.5	9.8	9.0	8.5	8.0	7.7	13.2
Patterson	Cache	9	6.1	6.2	6.3	6.4	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.7	6.9	7.1	7.4	7.7	8.0	8.2	8.2	8.0	7.8
Arkadelphia	Ouachita	18	4.3	4.0	3.5	3.4	3.4	3.3	3.0	2.0	2.5	3.5	4.0	4.2	4.9	4.8	4.5	4.0	3.2	3.2	3.3	2.9	2.9	3.5	4.9	7.0	5.2	6.0	5.1	4.9	4.1	4.0	11.0
Camden	do	30	13.0	11.9	11.0	10.1	9.5	8.9	12.8	19.4	22.0	22.0	21.5	22.0	23.0	23.2	23.6	22.2	20.2	19.1	18.2	15.4	13.7	14.1	18.7	22.0	23.8	24.4	24.6	24.6	24.2	23.0	22.2
Fulton	Red	28	11.8	11.2	10.6	10.0	9.9	9.3	10.1	10.8	10.7	10.2	10.7	12.0	11.9	13.6	13.4	12.7	11.6	10.6	9 9	9.4	9.0	9.2	10.6	13.2	15.5	16.6	16.5	16.0	15.3	14.6	15.9
Springbank	do	37	10.4	10.1	10.0	9.8	9.8	9.8	10.0	10.8	12.3	13.6	13.6	13.8	14.8	15.8	17.3	17.5	16.9	15.9	14.8	13.3	12.8	12.3	12.3	15.3	17.3	19.3	20.3	20.0	19.5	18.9	18.7
Whitecliffs	Little	28	10.7	9.1	8.4	7.0	5.5	4.6	6.7	7.2	6.8	7.1	8.0	11.3	13.8	13.5	12.0	10.3	8.1	6.6	5.7	4.9	4.7	4.4	13.4	18.5	19.5	18 9	17.1	14.6	13.8	11.0	15.2
Marked Tree	St. Francis	44	8.0	7.5	8.1	8.2	8.2	8.2	8.3	8.4	8.6	8.8	9.2	11.0	12.0	12.8	13.2	13.4	13.5	13.5	13.3	13.1	12.8	12.4	12.1	11.8	11.4	11.2	11.0	10.7	10.4	10.2	10.3
Helena	Mississippi	48	32.7	33.4	34.0	34.2	34.4	34.3	34.5	34.4	34.0	33.7	33.4	33.1	32.7	32.0	31.0	29.8	28.7	27.7	27.0	26.4	25.7	25.1	24.2	23.5	22.8	22.4	22.2	22.4	22.8	23.7	24.8
Arkansas City	do		34.1	34.9	35.6	36.1	36.6	36.9	37.2	37.5	37.6	37.6	37.6	37.5	37.3	37.1	36.9	36.5	35.9	35.2	34.4	33.8	32.6	32.1	31.3	30.5	29.8	29.1	28.7	28.4	28.3	28.4	28.8

Daily Precipitation for March, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita						.46				.52									.15		.56				.34					.92		2.95
Arkadelphia	Ouachita						.50	.90			.25	.90									.10		1.30			.70	.18				1.95	.80	7.58
Arkansas City	Desha						.66	1.96			.01	1 10		.01								.20	.25	.20			.10				.01	.96	7.06
Arlberg	White						.50				1.40	.45		T.							T.	.26		1.01		.04					1.55	.30	4.95
Batesville	White						.08	.43			.46	1.43		T.	T.							.40	.41	.16	.21		.19			T.	1.99	.29	5.74
Bee Branch	Arkansas						.70				1.22	.30							T.				.24								.76	1.48	5.31
Bentonville	Arkansas						.24			.18	.92	T.		T.	T.								.23	.02						.32	.16	.91	.14	3.34
Black Rock	White						.23	.70			.23	1.32			T.					T.		.29		.04	.23						.60	1.60	5.24
Booneville	Arkansas						.44			T.	1.11				T.							.20	.92	.08		.04			.06	.06	.95	.02	3.87
Brinkley	White						.28	1.40			1.07	.62		.16	.08	.08						.08		.94	.31		.28	.08			.91	1.01	7.30
Calico Rock	White						.28	.33			.34	.81		T.	T.				.07			.09		.30			T.			T.	.40	1.22	3.84
Camden	Ouachita						.68	2.04			.24	1.00		.03									2.80			.36	.36				.32	.90	8.73
Center Point	Red						1.02				1.00								.02		.58	.95	.05			.55			T.	.01	2.02	T.	6.20
Clarendon	White																																
Clinton	White						.48	1.75			.37	1.13		.02	T.					.45		30		.36	.22		.40	.22				.70	.82	6.77
Conway	Arkansas						.58				1.68	.05									.33	.39									2.44		5.87
Corning	White						.99				1.41	.05									.29	.32	.42			.58					1.81	.19	5.99
Dam No. 1	White						1.20				2.10	.95									.20		.26								1.60	.20	6.51
Danville	Arkansas					.27	.76			.44	1.26																			.70	.82		5.03
Dardanelle	Arkansas						.25	.20			.40	.91								.09		.38			T.	.31					1.50	.50	4.91
Dodd City	White						.25	.22			.43	.80							T.		.10		.72			.28					.90	1.04	4.94
Dumas	Mississippi						.64				.72										.30		.80							.20	.60	.56	2.52
Dutton	White						.25			.08	1.31	.07		.05	T.																1.20		7.55
El Dorado	Ouachita						2.80				1.02			T.	.02							.12	.87	.09					.17	T.	1.10	.12	3.70
England	Arkansas					.01	1.20	.90			.80	.53											1.85			.70	.17		.01	.01	1.80	.20	8.18
Eureka Springs	White						1.47				.86	.09	T.	.04								.11	.37	.27			.90			.11	.15	1.43		5.54
Evening Shade	White						.31			.06	1.10	.11							T.		.02	.37	.23	.18							.90	.53	4.07
Fayetteville	White						.90				1.00	.10	1 00	.10						.40	.10	.50									1.40	.40	5.90
Fort Smith	Arkansas						.43			.08	.79	02		T.	.01				.01		.11	.20	.14								.63	.37	2.97
Freeman Sprgs.	Arkansas				T.		.16			.09	1.04				T.	T.				.28			.50	.09						.07	.11	.42	T.	2.80
Fulton	Red						.35	.26			.27	1.20		T.	T.			.03	T		.39		.52	.02						.08	.16	1.05	1.06	5.25
Georgetown	White							.98	1.08			.61	.60									.38	.80			.70	T.		T.		1.70		6.85
Gilbert	White						45	.55			.35	1.05		T.					.02		.10		.45			.20	.30				.45	1.00	4.90
Grady	Arkansas							.13			.36	1.04									.12		.21	.13		T.					.36	1.65	4.02
Grannis	Red						2.70				.85		.10							.02	.12		.25	.95	.20		.90					1.25		7.20
Gravette	Arkansas					.01	.40							T.	T.						.25	.95	.20			.64			.05	.34	1.38		5.49
Harrison	White						.27				1.12	.02				T.					.09	1.44								.11	.09	.81	.44	3.70
Helena	Mississippi						.27				.46	.18									.45	.15	.10										1.65	3.58
Higden	White						.21				.72										.13		.24								.24	.74	7.63
Hope	Red						.22	3.08			.04	.80		.12	T.	.01					.45	.78	.17			.09				.02	1.64	.14	5.50
Hot Springs	Ouachita						.69				1.11	.36										1.54				.90					1.60		6.82
Huttig	Ouachita						1.73				1.05				T.				T.	T.	.19	.62	.61			1.02			T.	.02	1.70	.01	6 32
Jonesboro	White						.82	.02			1.25	.06										2.90					.80				T.		5.95
Junction	Ouachita						2.25																								1.30	.10	4.77
Lambrook	Ouachita			T.			1.00				1.09	.51	.03		T.	T.		T.		.01	.09	.02	.33			.29					1.77		7.73
Little Rock	White						1.75					1.66										1.37				.81				.19	.98	.15	5.18
Lutherville	Arkansas					.18	2.10				1.20							.15			.60					T.					.83		5.11
McGehee	Mississippi						1 02			.19	1.11		T.		T.				T.	T.	.02	.35	.55		.10	.44			T	.50	1.81	.03	5.31
Magnolia	Red						.67			T.	1.63								T.		.15	.67	.12						.18	.05	.96		6.64
Malvern	Ouachita						2.30				.92		.01							.02		1.22	T.			1.12				.09	1.00		8.78
Mammoth Spg.	White						2 70				1.16											2.50				.72				25	.75	1.05	6.36
Marianna	Mississippi						.40	.49			.21	.98									.36		1.54			.40	.18				.25	1.45	5.09
Marked Tree	Mississippi						.23	.48			.28	1.02	T.			.06					.58		.68	.02		.02				.02	.98	.12	5.25
Marshall	White						2.41				.71	.14	.02								.10		.21	.01		.55					.39	1.02	5.36
Mena	Ouachita						.22	.82			.28	1.40		.14	T.		T.				.13		.37	T.		.19	.40				2.32	.08	5.23
Mountain Home	White						.25				1.75	.50	T.	T.					T.	.20		.05	.08					T.	T.	.77	.65	5.16
Mount Ida	Ouachita						.28	.25			.31	.52	T.		T.				T.	T.	.52	T.	1.19			.61	.03		.03	T.	1.15	.61	4.79
Murfreesboro	Ouachita						.62			T.	.62	1.32									.12	.05	.30								1.80		5.60
Newport	White						.63				.80				T						.30	.95	.30			.80			.02				
Osceola	Mississippi																																
Ozark	Arkansas						.14	.45			.33	1.07	.05								.27		.27			.19	.21				.32	.94		4.24
Patterson	White																																
Piggott	Mississippi						.43			.15	1.28				T.						.30	.47	.12						.24	T.	1.15	.04	4.18
Pindall	White						.64	.25			.80	1.10									.32		.55			.41					.73	1.00	5.80
Pine Bluff	Arkansas						.90				1.25		.05		T.	T.				.23		.13	.17	.12							1.42	.01	3.99
Pocahontas	White						.36				1.43		.01								.13		.13							.04	.82	.60	3.68
Portland	Ouachita						.72	2.32			.10	.73		.03		T.					.50		1.20			.20	.40				.45	.90	7 55
Prescott	Ouachita						.85				.80	.60				.07							.58			.05					1.68	.12	4.75
Princeton	Ouachita						90	.87				1.08									.06		1.47			11					.15	.39	4.97
Rison	Ouachita						.19	2.01			.34	.84											1.64			.67	.04				1.05	.54	7.38
Rogers	Arkansas						.80	2.02		.40	.92												1.72								.82	1.28	7.96
Searcy	White						1.75	1.53			.10	.80									1.65					.30					1.05		7.18
Springbank	Red						.25			.06	.77	06		T.	T.						.21	.21	.16							.13	.12	.51	.23	2.71
Story	Ouachita					.04	1.70	.80			.42	.35		T.								.03	T.								1.24	T.	2.04
Stuttgart	Arkansas					.57	2.40			.09	.90	72		T.		T.			T.			T.	2.35			.65	.20		.07		1.60	.20	9.23
Subiaco	White						.61				.50	.68									.22	.38	.27			.52			.15		1.58	.05	4.96
Texarkana	Red						.65				.85									.17		.64	.02		.28	.36				.78	1.06		7.22
Thornburg	Ouachita						1.51	.50			1.60										.40	.65	.15						.10		1.23		3.18
Waldron	Arkansas					T.	.70				1.20	.10									.35	.66				.70			.10		1.51		6.93
Warren	Ouachita						.57			.04	.73				.03				.05		.20	.50	.30			.60			.10		1.70	.10	5.50
Waters	Ouahita						1.21	1.78			.17	.90									.13	.96	.04		.19	.10			.08		1.03	.70	4.66
Whitecliffs	Red						.45	25			.70	.30										1.57				.75				1.35	2.05	.65	7.73
Wynne	Mississippi						.88	.73			.76	0.52									.60	1.65				.90			T.		2.05	.65	7.55
Yancopin	Arkansas						.46	84			.30	1.12		.12	T.	.02							.93			.40					1.90	T.	6.12
							1.10	1.78			.18	.55	.04	.04		T.							.80			.32	.31				.72	.80	5.99
																															.16	.69	6.98

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‡ For 24 hours ending 7 a. m. T. Trace, or less than 0 01 inch.

‡ Precipitation included in the next following measurment.

Daily Temperatures for March, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	63	65	52	58	53	54	54	58	57	53	49	62	53	44	54	65	66	70	67	68	60	72	72	77	74	50	49	52	56	60	50	59.3
	Minimum	43	31	32	38	40	43	36	30	35	41	41	33	30	28	28	27	36	42	56	52	50	58	43	42	44	37	30	37	43	42	32	38.7
Batesville§§	Maximum	57	56	48	53	48	52	49	54	54	57	48	58	37	45	51	67	68	67	65	69	60	72	76	79	50	48	49	54	62	55	46	56.6
	Minimum	45	28	21	20	28	30	32	27	22	23	32	27	27	22	26	23	26	36	48	47	40	45	39	42	44	32	21	23	35	40	30	31.6
Bentonville	Maximum	62	50	54	60	53	48	44	53	54	45	42	44	34	44	47	67	69	68	72	66	56	54	74	76	49	38	45	40	43	42	38	52.6
	Minimum	42	28	22	34	37	33	25	24	32	40	34	28	22	26	29	35	42	51	51	48	47	46	42	49	34	26	24	32	39	26	25	34.6
Bee Branch	Maximum	66	57	54	59	59	50	51	59	56	51	49	59	47	44	51	65	70	67	67	68	66	70	74	82	80	48	51	49	58	61	57	59.5
	Minimum	49	36	26	33	35	43	32	33	31	44	39	33	20	21	28	.....	.....	.....	53	51	45	50	43	47	42	32	24	32	41	47	51	37.1
Booneville	Maximum	69	60	52	57	55	53	51	61	55	50	48	57	48	50	53	70	69	69	75	71	67	66	76	83	68	47	47	46	52	46	46	58.8
	Minimum	50	31	28	40	38	42	30	29	34	42	39	30	25	25	31	26	40	51	54	47	48	52	38	43	46	31	25	33	39	35	28	37.1
Brinkley	Maximum	65	61	57	60	55	53	53	59	58	54	49	61	50	43	55	67	75	75	75	68	62	75	76	80	73	53	51	54	66	61	59	61.5
	Minimum	50	34	25	29	31	44	35	32	29	41	36	40	28	23	34	29	41	53	50	54	47	53	46	51	43	35	27	31	42	31	33	38.0
Calico Rock§§	Maximum	58	61	52	56	48	52	59	55	58	45	48	54	39	52	52	72	73	68	66	71	61	72	79	84	48	46	62	51	58	54	45	58.0
	Minimum	32	29	22	23	26	30	31	29	23	25	33	29	27	24	29	23	25	40	45	49	41	45	39	40	44	32	22	29	40	43	30	32.2
Camden§§	Maximum	66	70	50	55	58	56	57	65	61	47	47	63	47	45	57	67	76	74	72	73	61	76	74	81	50	54	53	51	54	46	34	60.8
	Minimum	34	32	32	33	41	43	34	32	32	37	42	42	33	28	30	27	28	40	55	54	54	54	45	45	47	39	33	33	40	46	34	38.7
Center Point	Maximum	66	70	58	57	54	53	58	68	59	54	49	63	61	49	56	68	72	72	71	70	65	76	74	82	75	53	52	51	54	59	52	62.0
	Minimum	43	39	33	40	40	55	53	51	53	49	38	35	30	29	33	32	47	52	55	55	50	56	45	50	44	35	30	37	43	35	30	40.5
Conway	Maximum	64	62	55	60	53	55	53	59	58	54	49	61	50	43	55	67	75	75	75	68	61	74	76	83	78	53	50	46	64	64	57	61.1
	Minimum	44	34	26	33	35	41	33	31	29	41	37	34	30	25	32	26	42	51	52	49	50	52	46	48	43	35	26	32	41	39	31	37.5
Corning	Maximum	68	53	45	46	52	47	52	58	57	53	56	54	44	43	47	68	67	76	72	70	62	73	75	81	72	52	50	56	56	56	51	58.5
	Minimum	46	32	22	25	26	37	38	30	26	32	35	28	23	23	31	28	34	45	53	53	39	52	43	51	44	30	24	33	41	44	30	35.2
Dardanelle	Maximum	74	60	57	63	60	58	57	61	55	59	58	62	57	54	59	72	70	70	69	70	66	73	77	86	82	52	69	71	72	67	53	64.9
	Minimum	35	35	29	38	31	40	33	32	30	34	35	35	34	34	36	29	44	52	55	51	48	52	45	46	47	36	40	39	44	51	49	38.9
Dodd City	Maximum	67	52	52	54	50	50	50	51	53	49	41	52	51	50	42	41	72	72	64	53	65	63	61	55	54	55	48	50	44	51	49	53.6
	Minimum	43	29	18	24	22	38	27	25	25	33	32	29	20	20	26	36	46	46	49	47	42	41	40	38	27	18	34	36	32	40	25	32.5
Dumas	Maximum	68	66	54	59	57	55	58	60	61	54	45	64	59	45	64	59	45	55	69	77	73	76	72	66	77	76	82	77	76	82	71	62.5
	Minimum	35	35	25	32	38	47	36	35	32	40	30	42	31	24	34	29	42	51	54	52	53	56	46	61	44	44	29	33	45	40	44	40.2
Dutton	Maximum	62	52	51	61	49	49	44	54	52	42	41	51	38	39	47	65	68	68	67	69	69	60	73	78	65	41	48	39	48	49	40	54.2
	Minimum	40	22	16	23	37	37	25	23	21	38	33	22	19	18	22	19	34	41	46	44	50	47	31	40	38	25	14	29	34	34	22	30.5
El Dorado	Maximum	67	71	58	52	59	56	59	67	62	59	47	64	59	42	58	68	76	74	74	76	70	78	75	84	81	55	53	57	56	65	55	63.8
	Minimum	53	39	35	41	44	55	55	53	50	50	47	64	56	43	53	69	69	71	71	67	61	77	57	47	49	45	39	33	40	47	44	42.7
England	Maximum	63	61	56	60	55	55	55	53	50	50	47	64	56	43	53	69	69	71	71	67	61	77	78	83	70	51	49	51	62	64	51	60.5
	Minimum	46	33	27	44	50	50	50	35	31	42	39	37	30	26	.....	.....	40	48	50	53	48	54	43	47	43	36	29	33	40	48	32	40.8
Eureka Springs	Maximum	66	51	58	60	53	49	45	56	55	46	42	44	38	43	49	68	72	70	70	69	59	56	72	78	63	42	50	44	44	44	40	54.7
	Minimum	41	34	20	32	32	34	25	23	30	39	36	33	20	22	30	35	42	53	53	48	44	46	44	55	38	24	20	30	38	34	24	34.8
Fayetteville	Maximum	69	54	53	61	58	48	46	54	56	48	42	46	39	41	47	67	69	66	70	68	65	55	71	78	67	43	45	43	49	46	40	55.0
	Minimum	40	31	23	29	41	36	25	24	29	40	36	32	21	24	28	32	46	50	53	49	48	49	46	53	38	26	22	30	37	34	28	35.3
Fort Smith	Maximum	59	57	49	57	49	48	51	61	55	46	54	42	48	52	48	70	70	77	71	56	63	73	82	58	44	46	41	51	50	44	44	56.0
	Minimum	47	37	30	41	40	38	31	34	40	42	41	34	28	31	33	32	48	54	53	53	48	49	42	50	40	32	29	35	41	30	26	39.1
Grannis	Maximum	61	66	53	57	52	51	51	62	57	57	50	54	49	49	52	67	68	65	68	70	64	73	78	81	78	52	52	54	47	48	54	59.4
	Minimum	42	33	29	34	35	40	31	31	37	37	36	28	25	24	24	20	40	48	51	51	52	46	43	51	39	32	24	30	36	32	26	35 9
Gravette	Maximum	68	53	54	68	55	51	47	55	54	46	43	45	41	45	49	69	71	70	69	69	69	56	74	77	67	42	43	43	44	44	39	55.5
	Minimum	38	22	17	26	38	36	24	11	25	40	33	28	22	18	18	24	36	46	54	45	38	47	31	53	38	19	13	31	35	32	23	31.0
Harrison	Maximum	68	51	56	57	49	52	.....	.....	.....	45	43	48	39	47	47	66	75	71	72	47	.....	40	41	50	40	26	.....	.....	23	40	24	57.3
	Minimum	43	31	18	26	29	39	.....	.....	.....	33	33	29	20	20	28	24	31	46	47	47	.....	40	41	50	40	26	.....	.....	23	40	24	33.1
Helena§§	Maximum	66	64	51	61	60	55	56	60	63	51	50	64	42	41	54	69	78	78	74	71	66	78	78	82	55	54	55	57	70	61	48	61.6
	Minimum	37	38	26	30	29	32	34	32	30	31	37	36	31	23	28	28	42	44	46	49	50	45	44	46	39	30	53	54	57	60	40	35.5
Hope	Maximum	65	70	55	56	58	57	57	68	66	55	49	63	57	47	58	68	75	76	73	73	63	77	77	83	71	57	53	54	57	60	54	62.9
	Minimum	37	34	33	39	43	46	37	32	37	46	41	39	33	29	35	28	42	46	53	55	53	57	47	49	46	36	31	38	44	36	32	40.4
Hot Springs	Maximum	62	64	51	60	53	55	56	62	60	53	47	62	57	44	54	68	72	70	70	67	63	75	76	81	78	50	51	50	56	62	50	60.6
	Minimum	49	35	29	36	38	43	35	34	36	42	40	34	28	25	34	30	45	49	54	51	49	52	48	50	43	34	27	32	41	44	31	39.3
Jonesboro	Maximum	60	55	47	47	47	47	50	52	59	54	48	55	43	44	49	66	68	73	72	65	61	75	79	84	50	43	34	27	32	41	44	55.8
	Minimum	47	34	23	38	27	38	30	30	28	38	34	35	24	21	32	30	36	48	50	52	42	51	45	52	43	31	26	30	39	30	....	35.0
Junction	Maximum	66	70	62	54	62	56	63	68	65	58	55	57	48	50	60	70	78	77	79	76	64	78	80	83	71	56	54	61	57	66	56	64.3
	Minimum	36	30	35	40	41	46	38	29	40	38	36	41	42	27	35	25	39	52	55	56	51	57	44	45	48	35	33	37	47	42	40	40.7
Lambrook §§	Maximum	64	62	48	56	54	54	54	51	57	45	46	59	37	41	53	65	75	70	73	70	69	74	73	79	49	50	49	55	62	51	50	57.9
	Minimum	40	32	26	27	34	35	37	37	30	33	38	38	30	23	27	26	32	47	45	51	53	52	44	46	47	37	29	32	38	45	34	36.9
Little Rock	Maximum	60	59	47	57	50	55	51	58	54	45	48	60	4	44	51	67	70	68	69	63	57	75	75	80	62	49	47	47	57	62	48	57.3
	Minimum	47	39	29	38	35	41	35	38	39	40	38	39	29	27	35	39	46	54	52	53	50	52	49	50	42	35	30	37	43	35	32	40 1
Lutherville	Maximum	64	55	48	57	52	47	46	56	51	46	48	57	42	41	54	65	67	65	65	70	62	67	70	81	73	54	46	42	52	60	38	56.0
	Minimum	48	36	25	33	34	38	29	30	30	39	36	32	25	25	5	68	66	66	67	72	73	70	70	79	79	50	55	55	52	56	31	61 1
Magnolia	Maximum	59	66	67	55	58	57	57	66	58	58	47	62	57	44	58	30	49	53	57	59	56	58	50	54	43	34	36	38	47	38	32	43.2
	Minimum	50	39	36	41	42	46	39	37	45	42	41	43	35	29	36	36	49	53	57	59	56	58	50	54	43	34	36	38	47	38	32	42.4
Malvern	Maximum	66	67	58	61	56	55	56	64	62	55	48	64	57	45	55	68	72	70	72	68	62	77	77	82	77	53	52	53	59	64	53	62.4
	Minimum	42	31	29	35	39	43	35	29	35	42	41	36	29	25	30	25	41	47	49	51	50	55	43	42	44	36	28	34	43	43	32	38 2
Mammoth Spg.§§	Maximum	55	49	47	48	45	45	44	50	58	43	45	49	33	47	53	68	66	70	74	62	60	68	76	82	46	43	48	52	52	50	48	53.8
	Minimum	29	30	20	23	26	27	27	26	22	28	32	26	23	18	24	21	34	39	43	48	40	46	37	40	43	29	22	33	38	41	27	30.7
Marianna	Maximum	66	59	65	57	53	51	65	64	59	57	49	59	52	52	66	65	71	72	71	66	77	76	75	80	74	50	48	64	63	63	59	62.8
	Minimum	35	35	26	29	33	45	35	36	33	40	37	40	30	28	31	32	44	51	47	52	49	48	45	49	43	36	29	32	31	50	34	38.1
Marked Tree§§	Maximum	56	46	54	52	52	50	51	58	44	49	55	34	43	49	66	69	72	71	69	65	74	75	79	47	48	48	55	63	55	46	35	55.8
	Minimum	32	24	25	28	29	32	32	27	29	31	33	27	22	26	28	33	39	47	51	44	47	45	48	45	33	28	30	34	44	33	28	34.0
Marshall	Maximum	69	54	52	57	56	51	51	53	54	49	44	54	42	45	48	68	73	67	67	69	64	69	64	81	77	44	48	46	56	54	53	57.4
	Minimum	47	31	21	28	30	41	29	28	24	26	34	29	24	23	27	26	39	50	54	53	49	48	50	42	28	20	36	40	45	27	35 3	
Mena	Maximum	57	62	52	61	53	52	53	63	56	53	46	61	45	46	51	66	73	67	73	73	60	71	75	81	72	46	50	48	53	50	47	58.6
	Minimum	45	33	30	39	40	43	32	30	47	43	41	30	25	25	31	30	41	46	54	53	47	51	45	46	41	32	26	34	40	34	26	38.1
Mountain Home	Maximum	62	52	52	50	44	50	45	54	57	47	44	51	39	48	49	70	72	71	70	65	59	66	82	67	44	48	49	50	49	51	50	55.2
	Minimum	43	32	20	25	25	35	26	24	23	30	30	31	21	21	28	24	35	47	46	48	40	46	46	49	26	20	32	37	32	40	25	32.2
Mount Ida	Maximum	65	66	54	61	55	55	55	55	66	56	52	48	66	53	48	55	70	72	70	72	78	62	74	77	82	76	52	52	50	54	56	51	61.4
	Minimum	48	27	25	35	40	43	32	25	28	42	40	29	27	21	30	21	37	49	50	48	49	54	37	38	43	31	24	30	37	38	53	61.5
Newport	Maximum	66	53	46	52	50	51	54	52	59	55	48	56	57	52	53	70	72	75	77	70	66	77	81	85	76	53	54	60	68	59	59	61.5
	Minimum	52	35	31	28	30	39	32	32	28	38	31	35	27	23	32	27	36	49	49	52	43	52	41	48	46	34	28	33	39	45	32	37.1
Ozark	Maximum	..	....	....	....	....	....	52	62	52	45	50	57	43	46	55	60	70	70	73	74	66	68	76	84	74	....	....	49	44	52	51	47	59.2
	Minimum	..	....	....	....	....	....	18	18	33	33	36	34	27	27	28	24	26	51	55	49	49	49	41	48	44	..	25	32	39	33	29	35.1
Pine Bluff	Maximum	66	68	54	61	58	55	59	63	60	54	49	65	44	45	56	69	77	76	76	76	69	62	78	79	84	78	56	52	54	62	65	54	62.7
	Minimum	49	34	30	34	38	46	36	35	35	44	39	40	30	27	33	32	43	53	53	53	53	55	46	48	44	38	31	35	44	45	33	40.5
Pocahontas	Maximum	65	54	45	47	48	47	49	52	58	55	45	53	42	44	49	70	67	72	69	69	63	70	75	78	74	46	30	25	32	40	43	30	35.3
	Minimum	49	30	22	25	27	38	30	29	25	39	32	32	25	22	33	24	34	46	51	53	42	52	43	47	45	30	55	64	60	74	64	42.1
Portland	Maximum	74	73	78	52	60	65	62	67	66	78	52	67	67	52	69	72	80	78	82	80	74	78	77	84	80	56	55	64	60	74	64	63.6
	Minimum	50	35	32	38	42	46	38	37	34	41	41	43	34	25	34	28	44	55	54	73	75	70	76	75	82	72	55	51	54	56	60	54	63.6
Prescott	Maximum	66	70	63	64	56	59	62	67	65	55	48	62	62	44	57	70	74	74	74	73	75	70	76	75	82	72	55	51	54	56	60	54	63.6
	Minimum	45	35	34	33	39	42	37	32	37	43	42	39	32	27	35	30	43	52	55	54	51	57	45	51	40	37	30	36	40	42	32	40.2
Rison	Maximum	68	67	63	58	56	56	58	64	61	58	47	63	60	43	55	68	76	75	78	77	76	77	79	85	80	53	52	56	57	65	58	64.2
	Minimum	48	35	29	33	39	46	35	34	37	41	40	42	31	26	33	31	42	53	65	64	54	62	72	74	46	46	47	53	45	42	34	44.5
Rogers	Maximum	57	52	56	62	54	50	46	55	58	46	42	44	39	43	48	68	71	68	73	68	63	55	74	79	64	43	48	44	45	45	38	54.8
	Minimum	42	28	21	28	36	36	21	21	25	41	36	29	21	21	29	25	34	50	51	49	48	47	39	53	39	26	19	31	36	35	24	33.7
Searcy	Maximum	63	57	56	55	53	52	52	56	55	53	52	58	55	55	57	65	70	66	67	66	50	47	51	42	42	42	33	27	32	32	49	31	36.4
	Minimum	46	35	25	29	32	41	32	32	30	32	35	29	25	32	25	41	48	46	46	69	62	75	74	79	72	51	48	52	61	63	58	60.3
Stuttgart	Maximum	63	61	55	56	55	53	55	57	58	53	48	61	57	43	52	61	72	72	73	69	62	75	74	79	72	51	48	52	61	63	58	60.9
	Minimum	37	27	34	35	46	36	34	33	44	37	36	30	25	34	32	41	51	53	53	50	47	54	45	50	52	34	27	35	41	47	34	32	39.3
Subiaco	Maximum	67	61	57	62	56	49	.....	.....	.....	.....	.....	.....	.....	46	46	53	69	70	70	75	72	65	73	74	84	75	50	50	45	54	58	46	60.9
	Minimum	47	40	27	37	37	39	.....	.....	.....	.....	.....	.....	.....	27	27	33	31	46	51	52	50	47	45	47	48	45	33	26	33	39	37	29	38.9
Texarkana	Maximum	64	72	65	55	57	62	58	62	62	55	51	63	60	46	59	69	72	75	75	78	64	69	75	82	78	57	55	55	55	58	57	43	44.5
	Minimum	43	33	35	39	43	45	35	32	45	45	41	35	34	27	32	28	42	52	54	58	54	57	43	50	45	34	30	37	45	34	31	40.6
Warren	Maximum	66	67	64	54	57	....	....	....	....	....	....	48	60	59	41	54	66	76	73	70	69	73	75	73	80	78	52	52	56	57	65	58	63.2
	Minimum	53	39	32	38	41	....	....	....	....	....	....	38	43	32	26	35	33	43	55	55	67	61	73	74	77	65	50	49	53	65	60	55	58.4
Wynne	Maximum	61	57	49	56	50	50	52	54	58	51	49	58	50	42	51	65	69	70	79	67	61	73	74	77	65	50	49	53	65	60	55	58.4
	Minimum	48	30	24	27	30	42	34	30	30	40	36	39	28	23	30	28	41	44	45	55	46	55	42	44	45	34	27	34	40	49	33	37 2

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist

VOL. XXXI LITTLE ROCK, ARK., APRIL, 1926 No. 4

GENERAL SUMMARY

If the temperature of April, 1926, is compared with that of April, 1925, a marked contrast is found. The mean for April, 1925, was, with one exception, the highest on record and the extreme, 98°, equaled the record while the current month was with but three exceptions the coldest on record and the lowest, 18°, equaled the lowest on record. Precipitation was practically the same, both months being among the driest of the past 36 years. Temperatures were normal or above on only about nine days during the month and at no time were there more than two consecutive days with temperatures above normal.

The cold weather of the preceding month, together with the low temperatures this month, delayed the growth of vegetation and all farm work. Considerable corn and cotton were planted but the cool weather did not favor germination and growth, poor stands resulting, and considerable replanting will be necessary. Rice sowing was in progress at the close of the month and the strawberry crop was beginning to move. The drought last year materially reduced the strawberry acreage in Arkansas, but the plants remaining are bearing a crop of excellent quality.

A violent thunderstorm accompanied by heavy wind, approximating a tornado at some points, occurred in Sebastian, Crawford, Franklin, and Logan counties about 5:00 p.m. the 23d. Considerable damage was done in Fort Smith by a straight wind. (estimated $10,000) and a child was killed at Ratcliff, Logan County. Damaging straight winds were also reported the evening of the 23d over a large part of the State Damage was not great in any locality outside of Fort Smith, but at Bearden, Ouachita County, lightning struck the commissary of the Stout Lumber Company causing a loss estimated at $50,000. A small tornado occurred at Hiwassee, Benton County, 5:00 p m. of the 23d. This storm moved from west to east over a path about 1-4 mile wide, doing damage estimated at $3,000. W. C. H.

TEMPERATURE

The monthly mean temperature for April, as determined from the records of 60 stations, was 59.1° which is 2.3° below normal, all stations except Marianna showing negative departures. Monthly means ranged from 62.2° at El Dorado and Portland to 52.4° at Dutton, a difference of 9.8° between northern and southern sections of the State. The highest temperature recorded was 94° at Lambrook on the 29th and 30th, the lowest, 18° at Gravette on the 1st. The lowest occurred in most sections on the 1st, the highest on different dates. The greatest daily range was 55° at Calico Rock on the 16th.

PRECIPITATION

The average precipitation for April, as determined from the records of 85 stations, was 2.65 inches which is 2.23 inches below normal. Monthly totals ranged from 5.81 inches at Texarkana to 1.24 inches at Black Rock. Positive departures were recorded at Center Point and Texarkana, negative at all other stations. A trace of snow was recorded at Gilbert and Osceola, and traces of sleet at Evening Shade, Freeman Springs, and Lurton, all other precipitation falling as rain. The greatest precipitation for 24 consecutive hours was 3.30 inches at Texarkana on the 22d. The average number of rainy days was 7.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:—2d, 10; 3d, 3; 4th, 1; 5th, 2; 6th, 12; 7th, 18; 8th, 2: 9th, 2; 10th, 3; 18th, 7; 19th, 2; 20th, 1; 21st, 14; 22d, 22; 23d, 38; 24th, 25; 27th, 8; 28th, 1; 30th, 6.
Light Haze:—Throughout most of the State 24th and 25th.
Solar Halos:—14th, 1; 20th, 1.
Lunar Halos:—20th, 2; 21st, 1.
High Winds:—(Straight blow): Throughout the State 23d.
Tornado:—Hiwassee, Benton County, 23d.
Light Hail:—Numerous stations, 7th, 23d, 24th, 25th.
Moderate Hail:—Mount Ida, 7th.
Heavy Hail:—Center Point, 7th.
Sleet:—14th, 1; 15th, 2.
Dense Fog:—11th, 1; 16th, 1; 23d, 1.

MISCELLANEOUS DATA

Stations.	Pressure, Sea-level. Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville	29.99	30.47	19	29.61	6	4,656	35	w.	23	.....	.....	62
Fort Smith.	30.02	30.44	19	29.60	6	6,387	49	nw.	23	72	57	65
Little Rock.	30.03	30.42	19	29.65	6	6,805	46	se.	21	71	49	68
Memphis	30.04	30.43	19	29.65	7	6,438	51	nw.	23	71	50	73

COMPARATIVE DATA FOR APRIL

Year	Temperature. Monthly average	Departure	Highest	Lowest	Precipitation. Average	Departure	Number of days. Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**61.4**		**98**	**18**	**4.88**	**13**		**8**	**9**	**8**
1891	62.8	+1.4	93	22	2.75	−2.13	15	10	5	8
1892	61.4	0.0	97	22	6.98	+2.10	12	9	9	10
1893	64.9	+3.5	94	29	7.16	+2.28	11	10	9	8
1894	63.1	+1.7	91	29	6.18	+1.30	14	8	8	9
1895	63.1	+1.7	98	30	1.99	−2.89	15	8	7	6
1896	67.8	+6.4	94	24	3.65	−1.23	12	12	6	5
1897	61.4	0.0	90	27	4.14	−0.74	12	11	7	9
1898	59.2	−2.2	93	19	3.09	−1.79	14	8	8	8
1899	60.7	−0.7	96	19	3.28	−1.60	10	11	9	7
1900	62.2	+0.8	96	24	4.98	+0.10	10	12	8	10
1901	58.1	−3.3	96	22	3.82	−1.06	14	8	8	6
1902	61.2	−0.2	96	25	2.87	−2.01	11	11	8	8
1903	60.6	−0.8	91	26	1.86	−3.02	13	10	7	6
1904	56.8	−4.6	89	24	3.88	−1.00	11	9	10	8
1905	61.1	−0.3	96	25	6.29	+1.41	9	10	11	11
1906	63.7	+2.3	97	27	2.55	−2.33	15	7	8	6
1907	54.9	−6.5	89	24	5.44	+0.56	10	7	13	9
1908	63.3	+1.9	93	24	6.32	+1.44	9	9	12	12
1909	60.9	−0.5	88	24	4.52	−0.36	15	7	8	8
1910	59.8	−1.6	90	22	5.14	+0.26	12	9	19	9
1911	60.5	−0.9	99	29	9.86	+4.98	10	9	11	12
1912	61.9	+0.5	93	26	8.14	+3.26	9	11	0	12
1913	61.2	−0.2	94	27	4.91	+0.03	17	6	17	6
1914	61.0	−0.4	94	19	4.57	−0.31	11	9	0	9
1915	64.3	+2.9	96	19	2.96	−1.92	14	8	18	5
1916	59.9	−1.5	92	24	3.65	−1.23	13	7	0	7
1917	60.4	−1.0	90	23	5.69	+0.81	14	7	9	9
1918	59.6	−1.8	96	25	7.63	+2.75	14	6	10	9
1919	61.6	+0.2	95	24	3.56	−1.32	14	6	10	7
1920	59.8	−1.6	94	21	5.49	+0.61	14	7	9	9
1921	59.8	−1.6	91	22	7.87	+2.99	14	6	10	9
1922	63.5	+2.1	90	26	5.54	+0.66	13	6	11	9
1923	61.4	0.0	95	23	6.30	+1.42	14	7	9	11
1924	61.4	0.0	94	18	4.99	+0.11	11	6	10	8
1925	67.4	+6.0	98	28	2.62	−2.26	14	8	7	6
1926	59.1	−2.3	94	18	2.65	−2.23	15	6	9	7

Climatological Data for April, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days					Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	
Amity	Clark	700	31	57.2[e]	−4.0	78[b]	17†	29	1	39[b]	1.83	−3.79	0.80	0.0	4	15	6	9	sw.	[illegible]
Arkadelphia	Clark	250	30								2.62	-2.77	0.94	0.0	5	18	1	11	s.	F. J. Carpenter.
Arkansas City	Desha	145	42								1.81	−2.79	0.70	0.0	6	20	4	6	...	Carl R. Cutting.
Arlberg	Stone	700	4								3.10		1.80	0.0	5	14	7	9	se.	[illegible] D. Reeves.
Batesville	Independence	277	27	54.5	−4.4	83	27†	24	1	46	2.31	−2.37	0.98	0.0	10	16	0	14	nw.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	58.6[b]	−2.3	87[e]	30	27[a]	1	40[b]	2.64	−2.33	1.41	0.0	6	15	8	7	w.	J. E. Scanlan.
Bentonville	Benton	1303	21	54.3	−2.6	80	30	29	1	39	2.45	−1.44	0.69	0.0	10	16	6	8	s.	C. S. Weather Bureau
Black Rock	Lawrence	259	24								1.21	−4.17	0.60	0.0	6	19	2	9	.....	Vernon C. Howe.
Blytheville	Mississippi	252	1	58.6	.....	85	17	30	1	37	2.38	.....	1.27	0.0	6	19	9	2	s.	J. M. Brooks
Booneville	Logan	465	12	53.7	−2.9	89	30	28	1	46	1.84	−2.35	0.50	0.0	8	17	6	7	w.	F. H. Randolph.
Brinkley	Monroe	205	39	59.2	−1.5	84	17†	30	1	52	1.84	−3.58	0.61	0.0	7	18	5	7	s.	H. L. D. Whitson.
Calico Rock	Izard	361	22	55.0	3.1	87	17	25	1	55	2.66	−2.03	1.12	0.0	10	10	15	5	w.	W. J. Copp
Camden	Ouachita	158	41	58.4	−5.3	85	23	30	1	47	2.94	−2.00	1.58	0.0	9	14	3	13	sw.	A. B. Quarterman.
Center Point	Howard	470	27	60.2	−2.5	85	23	35	1†	37	5.47	+0.12	2.45	0.0	8	10	9	11	se.	John C. Floyd.
Clarendon	Monroe	200	22								2.20	- 4.13	0.82	0.0	9	18	3	9	e.	J. W. Bishop.
Clinton	Van Buren	516	5								3.51		1.48	0.0	5	12	9	9	nw.	A. L. Stephens.
Conway	Faulkner	309	43	58.9	−2.6	86	17	27	1	41	1.93	-2.72	1.47	0.0	4	15	10	5	s.	E. E. Cochrey.
Corning	Clay	293	33	56.9	−2.7	84	29	27	1	41	1.61	−3.27	0.55	0.0	6	19	5	6	s.	Winfred D. Polk
Dam No. 1 ‡‡	White	190	3								1.39		0.40	0.0	6	21	2	7	sw.	J. O. Yingling.
Danville	Yell	327	10								2.33	-1.69	0.65	0.0	6	11	13	6	w.	C. P. Evans.
Dardanelle	Yell	330	40	60.1	−1.3	87	27†	30	1	44	1.66	−2.38	0.52	0.0	5	10	2	12	w.	J. D. Riley.
Dumas	Desha	162	43	60.1	−2.7	86	30	30	1	42	2.68	−2.27	0.84	0.0	9	12	12	6	s.	Ben Johnson.
Dutton	Madison	1590	20	52.1	−3.6	79	17†	26	1	50	2.58	−3.18	0.72	0.0	9	13	9	8	w.	J. M. Ricketts
El Dorado	Union	270	23	62.2	- 1.2	86	30	35	1	38	2.72	−2.37	1.60	0.0	9	11	9	10	sw.	J. J. Babb.
England	Lonoke	229	25	59.2	- 2.9	86	23	29	1	40	2.33	-3.91	1.05	0.0	8	16[a]	2[a]	11[a]	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	19	55.4	−3.0	81	23	24	1	39	2.70	1.97	0.76	0.0	10	14	6	10	n.	Geo. W. Nicholds.
Evening Shade	Sharp	600	25	56.6	.....	88	30	28	20	49	2.11	.....	1.00	0.0	9	8[b]	16[b]	4[b]	sw.	B. F. Graddy.
Fayetteville	Washington	1451	3	55.4	−2.6	80	23	26	1	40	1.59	−2.93	0.50	0.0	10	16	5	9	sw.	University of Arkansas
Fort Smith	Sebastian	457	39	58.4	−3.4	86	23	32	1	38	1.86	−2.04	0.66	0.0	10	13	7	10	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	45								2.9[d]		0.69	0.0	10	17	5	8	sw.	J. R. Mc Cuiston.
Fulton	Hempstead	260	2								4.13	−0.30	2.70	0.0	4	14	2	14	.....	T. J. Logan.
Georgetown	White	200	40								1.77	−2.98	0.50	0.0	8	15	6	9	s.	W. R. Owens
Gilbert	Searcy	675	14								2.41		0.71	T.	11	12	11	7	.....	Ben F. Battenfield.
Grady	Lincoln	172	3								3.67		1.10	0.0	5	..	..	..	.....	P. T. Simons.
Grannis	Polk	900	2	56.8	.....	83	23†	27	1	47	4.63		1.77	0.0	7	14	11	5	w.	W. E. Mc Vay.
Gravette	Benton	1250	8	53.2	−3.4	82	23	18	1	43	2.34	−1.77	0.75	0.0	9	14	8	8	sw.	A. F. Stevens.
Harrison	Boone	1352	29	55.4[b]	.....	90[b]	24	29[a]	16	54[b]	1.42	−3.18	0.68	0.0	8	13	8[b]	7[b]	nw.	G. L. Wright.
Helena	Phillips	193	25	60.8	−1.6	89	24†	29	1	42	2.61	−3.07	0.72	0.0	10	14	2	14	s.	James A. Burnett.
Higden	Cleburne	445	54								3.23		1.33	0.0	9	18	8	4	sw.	Geo. W. Baker.
Hope	Hempstead	377	8	60.2	−3.0	89	23	30	1	40	4.67	−0.79	2.61	0.0	6	16	6	8	w.	N. P. O' Neal
Hot Springs	Garland	600	55	59.0	-3.5	83	24†	27	4	42	4.08	1.94	1.94	0.0	7	18	3	9	.....	P. P. Patraw
Huttig	Union	175	35	61.4[b]	−4.0	85[b]	23†	35[b]	1	38[b]	2.06	- 3.30	0.80	0.0	7	14[a]	4[a]	11[a]	sw.	J. L. Collett.
Index	Little River	275	19								4.11		3.10	0.0	9	13	0	17	.....	H. D. Sanderson.
Jonesboro	Craighead	345	1	57.4	−3.8	87	30	26	1	42	2.11	−2.69	0.58	0.0	12	17	8	5	ne.	Benedictiue Sisters.
Junction ‡‡	Union	182	31	61.1	−4.5	90	18†	29	1	50	3.14	−1.73	1.44	0.0	4	13	4	13	n.	J. A. Lowderback.
Lambrook	Phillips	155	32	59.2	.....	94	29	29	1	54	1.75		0.51	0.0	6	19	1	10	ne.	G. B. Lambert Co.
Little Rock	Pulaski	357	3	59.2	−2.9	83	23	36	1	37	3.11	−1.40	1.60	0.0	11	13	8	9	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	47	57.2	- 2.6	83	23	29	1	39	2.95	−1.51	0.85	0.0	7	14	8	8	e.	H. G. Lenhardt.
Mc Gehee	Desha	148	27								1.98		0.81	0.0	8	21	8	0	.....	P. T. Simons.
Magnolia	Columbia	315	2	56.8[a]	.....	84[a]	23	33[a]	1†	40[a]	3.39		1.70	0.0	5	14[a]	4[a]	11[a]	w.	State Agri. School.
Malvern	Hot Springs	277	7	60.3	0.8	86	18†	29	1	44	3.02	−2.15	1.52	0.0	9	20	3	7	sw.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	39	55.2	−3.2	86	17†	22	1	51	3.05	−2.17	1.16	0.0	11	11	14	5	se.	F. M. Daniel.
Marianna	Lee	235	21	60.6	−0.1	87	23	30	1	45	1.40	−2.47	0.68	0.0	9	16	9	5	s.	C. N. Houck.
Marked Tree	Poinsett	229	14	57.4	.....	85	16†	34	3	42	1.98	-3.61	0.78	0.0	8	14	12	4	ne.	Charles Walton
Marshall	Searcy	1070	21	55.9	−4.9	83	30	26	1	48	2.96	−3.14	1.20	0.0	8	17	3	10	sw.	A. J. Park.
Mena	Polk	1185	12	58.6	−2.8	84	23	27	1	40	1.89	−1.87	1.20	0.0	6	13	4	13	sw.	E. W. St. John.
Morrilton	Conway	347	38	60.0[e]	...	84	1†	..	..	..	2.89		2.17	0.0	4	13	10	7	se.	John Cook
Mountain Home	Baxter	800	5	54.2	−5.2	85	17†	22	1	52	2.29	-1.91	1.20	0.0	8	10	6	14	s.	B. S. Halbert.
Mount Ida	Montgomery	650	12	57.5	−3.9	85	23	25	1	51	3.51	−2.20	1.51	0.0	3	16	6	8	w.	G. A. Whittington.
Newport	Jackson	231	42	59.8	-2.0	92	30	28	1	46	1.03	−3.06	0.62	0.0	9	18	6	6	n.	A. C. Wilkerson
Osceola	Mississippi	240	27	58.4[a]	-1.3	86[a]	30	34[a]	16†	48[a]	3.28	−0.98	1.19	T.	7	10[a]	8[a]	11[a]	s.	June Thomason
Ozark	Franklin	450	30	58.8	−3.6	85	24	29	1	49	2.60	−1.94	0.74	0.0	6	15	3	12	e.	Ishan Burrow.
Patterson	Woodruff	196	10								2.33	−3.98	0.49	0.0	8	19	0	11	s.	W. E. Baker
Piggott	Clay	397	2								2.51		0.90	0.0	5	21	3	6	sw.	H. H. Harlan.
Pindall	Searcy	1500	4								1.99		1.01	0.0	8	13	9	8	se.	W. W. Wood.
Pine Bluff	Jefferson	215	39	61.4	−3.0	87	30	30	1	42	3.55	−1.95	1.20	0.0	10	20	2	8	sw.	Miss Theresa Schev.
Pocahontas	Randolph	300	33	56.0	−4.0	84	17†	24	1	44	1.70	- 3.08	0.65	0.0	6	11	13	6	n.	Benedicitine Sisters.
Portland	Ashley	122	20	62.2	−1.5	89	23	31	1	44	2.01	−3.29	0.68	0.0	7	15	8	7	nw.	W. E. Edmiston.
Prescott	Nevada	329	38	60.0	-2.9	87	23	30	1	41	3.86	−1.58	1.87	0.0	8	13	3	14	n.	C. D. Calhoun.
Princeton	Dallas	287	20	..	.....	.....	.....	.....	.....	.....	1.99	−3.53	1.44	0.0	2	..	..	..	.....	Foote Coleman.
Rison	Cleveland	243	25	60.5[e]	−2.5	84[e]	18†	40[e]	1	39[e]	2.90	−1.67	1.50	0.0	5	8	13	9	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	35	55.0	−3.1	82	23	23	1	47	2.23	−2.12	1.17	0.0	8	11	9	10	w.	Carl A. Starck.
Searcy	White	236	17	58.0	-3.6	84	17†	28	1	43	1.66	−3.78	0.50	0.0	8	18	2	10	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19								4.42	−3.00	3.00	0.0	7	13	0	17	.....	Miss Grace Field.
Story	Montgomery	700	2								3.69		1.30	0.0	7	13	9	8	n.	S. C. Story.
Stuttgart	Arkansas	228	39	59.0	−3.0	84	30	32	1	47	2.09	−3.13	1.01	0.0	9	17	8	5	s.	Adam F. Buerkle.
Subiaco	Logan	1050	29	59.1[d]	−2.0	85[b]	17	29	1	39[b]	1.57	−2.71	0.58	0.0	8	16	6	8	s.	New Subiaco Abbey.
Texarkana	Miller	332	40	61.0	−2.8	90	23	35	1	37	5.81	+0.58	3.30	0.0	5	15	6	9	n.	H. S. Brashear.
Thornburg ††	Perry	650	2	57.8	.....	84	17	26	1	41	....	.....	....	0.0	2	26	2	2	s.	T. Y. Powell.
Waldron	Scott	675	7								2.22		0.80	0.0	5	14	5	11	se.	Dr. Cheves Bevill.
Warren	Bradley	206	32	61.4	−1.2	86	30	33	1	36	3.25	−2.10	1.50	0.0	5	17	6	7	s.	W. L. Shide.
Waters	Montgomery	800	2								2.63		1.33	0.0	4	16	3	11	w.	J. R. Huddleston.
Whitecliffs	Little River	290	22								4.60	-1.51	2.76	0.0	4	18	5	7	sw.	Nannie O. Schirmer
Wynne	Cross	250	18	58.6	−2.7	84	17	28	1	39	1.33	−4.26	0.31	0.0	7	11	10	9	s.	E. O. Allen.
Yancopin	Desha	167	2								1.86		0.57	0.0	7	15	5	10	.....	W. E. Barton.
State Means and Extremes				59.1	−2.3	94	29	18	1	55	2.65	−2.23	3.30	T.	7	15	6	9	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for April, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.0	8.1	8.7	9.1	8.7	8.5	9.7	12.2	10.9	10.7	11.3	14.5	14.0	13.2	12.9	13.1	13.0	11.9	10.7	9.8	9.0	8.6	8.3	8.3	8.5	8.2	9.8	9.7	9.2	8.0	....
Dardanelle	do	20	6.1	6.0	5.7	5.6	6.4	6.1	6.0	6.9	8.9	8.9	8.8	8.8	11.7	11.8	11.0	10.6	10.6	10.3	9.7	8.4	7.5	6.7	6.2	6.0	6.0	6.4	6.3	6.6	7.0	6.4	....
Little Rock	do	23	7.0	8.0	7.8	7.0	6.6	6.2	5.8	6.8	7.4	8.5	9.4	8.5	8.5	10.5	11.2	10.5	9.8	9.5	9.5	8.9	7.8	6.5	5.5	4.8	4.4	4.6	4.9	4.4	4.2	5.0	....
Pine Bluff	do	25	9.2	11.9	12.5	11.7	11.4	10.7	10.7	10.6	11.5	12.2	13.3	13.6	13.0	13.2	14.8	15.0	14.3	15.7	15.7	13.5	12.8	12.0	10.9	10.0	9.3	8.8	9.0	9.1	8.6	8.5	..
Yancopin	do	20	20.2	21.3	22.7	23.5	24.0	24.3	24.7	25.0	25.4	25.8	26.3	26.9	27.4	27.9	28.5	29.4	29	9	30.2	30.4	30.7	30.9	30	9	30.8	30.7	30.5	30.3	30.0	29.9	29.5	28.8	....
Danville	Petit Jean	20	19.4	18.4	15.4	11.3	9.1	7.8	7.9	7.9	7.8	7.9	7.9	10.6	9.8	9.7	9.5	7.1	6.8	6.8	6.7	6.4	4.8	4.8	4.7	4.9	5.3	5.3	5.1	4.8	4.6	4.3	....

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	7.5	6.6	6.1	6.4	6.5	6.0	6.4	7.4	6.6	6.0	5.8	5.9	6.0	6.0	6.1	5.9	5.5	5.1	4.7	4.3	4.1	4.0	3.7	4.0	3.7	3.0	3.1	3.4	3.5	3.5	....
Batesville	....do	23	15.0	13.6	12.9	12.3	12.6	12.3	12.3	16.0	14.6	13.2	12.5	12.3	12 1	12.1	12.2	12 1	11.7	11.3	10.9	10.4	10.2	9.8	9.4	9.7	9.5	9.1	8.7	8.8	8.9	8.8	....
Newport	....do	26	14.7	16.6	16.7	16.5	16.1	15.9	15.3	16.7	17.5	17.4	16.8	16.1	15.7	15.3	15.0	14.8	14.4	13.4	12.0	11.4	10.4	10.2	10.0	9.4	9.2	8.8	8.1	7.8	7.5	7.4	....
Dam No. 1	Little Red	..	17.0	12.0	8.5	5.6	3.0	2.7	5.5	10.0	15.4	10.2	7.8	6.6	6.4	6.2	6.0	5.6	5.0	4.5	4.	3.7	3.0	2.8	2.0	1.6	2.3	2.0	1.8	1.6	1.4	1.2	....
Georgetown	White	22	17.0	18.0	18.4	18.7	18.7	18.7	18.7	19.0	19 6	19.9	20.0	20.0	20.0	19.8	19.6	19.4	19.2	19.0	18.6	18.2	17.8	17 1	16.6	15.0	14.8	14.4	13.8	13.2	12.4	11.0	..
Clarendon	....do	30	24.2	24.1	24.0	24.1	24.1	24.2	24.4	24.5	24.6	24.7	24.8	24.9	25.1	25.2	25.3	25.4	25.4	25.4	25.3	25.2	25.0	24.9	24.8	24.6	24.3	24.0	23.6	23.2	22.8	22.3	....
Gilbert	Buffalo	30	7.6	6.9	6.6	6.2	6.0	5.5	6.0	6.5	6.4	6.2	6.9	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.2	5.1	5.2	5.1	5.1	5.0	4.9	4.8	4.8	....
Corning	Black	11	10.7	11.4	11.7	11.7	11.6	11.6	11.4	11.2	12.2	11.3	11.4	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.8	10.6	10.4	10.1	9.8	9.6	9 5	9.3	9.2	9.0	8.8	8.7	..
Black Rock	....do	14	14.0	13.2	12.7	12.4	11.5	11.6	10.5	12.0	12.2	11.9	11.7	11.4	11.0	11.0	10.5	10.4	10.0	9.7	9.4	9.0	8.8	8.5	8.3	8.0	8.0	7.7	7.5	7.3	7.0	6.7	..
Patterson	Cache	9	7.7	7.6	7.5	7.4	7.4	7.4	7.7	8.0	8.3	8.5	8.5	8.4	8.2	8.0	7.8	7.6	7.4	7.4	7.4	7.3	7.2	7.0	6.8	6.6	6.5	6.4	6.2	6.1	6.0	5.8	....
Arkadelphia	Ouachita	18	12.4	8.5	6.0	5.5	4.8	4.3	4.8	9.0	7.7	6.0	4.4	4.4	4.2	4.0	4.1	3.8	3.5	3.0	2.4	1.9	1.8	3.0	3.0	4.5	5.5	4.5	3 8	2.9	3.0	3.1	....
Camden	....do	30	24.7	27.4	29.0	29.8	29.6	28.3	26.8	24.8	25.7	27.0	27.5	27.1	26.9	25.7	22.9	19.9	19.1	17.0	15.2	13.8	12.6	12.0	11.1	10.3	16.6	19.5	[illegible]	10.5	18.3	16.4	....
Fulton	Red	28	16.0	16.7	16.7	16.6	16.0	15.2	14.2	13.6	14.0	14.1	14.2	13.5	13.3	15.6	17.7	17.9	17.2	15.7	14 3	13.1	12.2	14.3	17.0	18.0	18.0	17.7	17.3	17.7	17.2	15.5	....
Springbank	....do	37	19.1	20.6	21.6	21.6	20.3	19.3	18.8	18.3	17.8	18.3	18.5	18.6	18.0	17.0	19.0	21.5	21.3	20.0	18.3	16.3	11.9	13.9	15.4	18.4	18.4	18.3	17.9	17.2	17.2	16.7	....
Whitecliffs	Little	28	19.1	21.0	21.0	19.7	16.5	14.6	12.2	13.5	14.8	15.2	12.6	11.7	11.2	10.5	10.3	9.2	9.0	8.3	7.8	6.7	4.9	13.6	18.4	20.1	19.6	19 0	17.8	16.5	13.3	10.6	....
Marked Tree	St. Francis	17	10.2	10.0	9.9	9.8	9.8	10.0	10.1	10.1	10.2	10.5	10.7	10.8	10.9	11.0	11.0	11.0	11.2	11.2	11.2	11.2	11.1	11 0	10.9	10.8	10.6	10 4	10.2	10.0	9.8	9.6	9.4	....
Helena	Mississippi	44	26.0	27.0	27.8	28.7	29.4	30.3	30.9	31.4	31.6	31.7	32.1	33.0	34.1	34.9	35.7	36.3	36.8	37.3	37.6	37.8	38.0	38.2	38.3	38.3	38.2	37.7	37.0	35.8	34.2	32.2	....
Arkansas City	....do	48	29.5	30.3	31.2	32.1	32 9	33.6	34.2	34.7	35 2	35.5	35.8	36.2	36.8	37.5	38 1	38.7	39	39 9	40.4	40.8	41.1	41.4	41.6	41 8	41.9	41.9	41.9	41.7	41.2	40.5	....

Daily Precipitation for April, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita		.17					.80														.42		.44									1.83
Arkadelphia	Ouachita							.94	.40				.18										.90		.20								2.62
Arkansas City	Desha							.42	.07				.11										.41		.70			.07					1.81
Arlberg	Ouachita																					.25		.40									3.10
Batesville	White			T.				1.80			.40	.25											.08	T.	.34			.01	T.				2.31
Bee Branch	Arkansas							.95	.48		.28	.06	.14	T.		.12	.02						.25		.66								2.64
Bentonville	Arkansas		.04		T.	.04	.26	T.		.11	.43	.02											.36	.58	.49			.08					2.45
Black Rock	White			T.		T.			.60		T.	.14	.08			.01								.18	.23				T.				1.24
Blytheville	Mississippi		.43						1.27			.16			T.								.15		.23			.15					2.38
Booneville	Arkansas							.50			.48	.03	T.			.01						.24	.15		.41				.02				1.84
Brinkley	White			.31			T.	.08				.14				T.	.11						.53		.61				.06				1.84
Calico Rock	White			T.			T.	1.12	.60		.24	.03	.02			.07							.08	.31	.11			T.	.08				2.66
Camden	Ouachita					.01		1.58	.01		.05	.01					.01		.08				1.06		.13								2.94
Center Point	Red				.10			2.45		T.	.04					.09			T.			1.94	.61		.20					.04			5.47
Clarendon	White			T.				.05	.12			.05	.20			T.	.11						.82	.40	.41			.04					2.20
Clinton	White							1.48			.29				.18							.28		1.28									3.51
Conway	Arkansas							1.47			.12												.27					.07					1.93
Corning	White			.01					.55			.26										.22	.03	.54									1.61
Dam No. 1	White		.07				.40	.31			T.											.31		.26		.04	T.						1.39
Danville	Arkansas							.60	.15		.15	.13	T.			T.							.58		.62								2.23
Dardanelle	Arkansas							.44	.30		.22												.52		.18			.05					1.66
Dumas	Mississippi				.02		.19	.25			.18					.10		.10				.84		.65			.05					2.68
Dutton	White		T		T.	.04	.04	.62			.72	.11										.27	.33		.42			.03					2.58
El Dorado	Ouachita				T.			.54	.02		.15	.05				.02			.10			1.60		.18				.06				2.72
England	Arkansas			.03		T.		.54	.02		.15	.05				.02							.62		.45								2.33
Eureka Springs	White		.05				.23	.10			.76	.10	.05			.07						.20	.68	.30			.23						2.70
Evening Shade	White		.10	.10		T.		1.00	.20		.20	.01	.10									T.	.20	.20									2.11
Fayetteville	White		.01			.01	.08	.17			.50	.04	T.			T.						.41	.11		.21		.05						1.59
Fort Smith	Arkansas				.01		.16	.11		.32	.14	T.	.02									.52	.16	.37			.05						1.86
Freeman Sprgs.	Arkansas			T.				.55	.31	.51		.26	.07		T.	.06							.59	.03	.69				.01				2.90
Fulton	Red			.09	T.			1.26	.08		T.					T.						T	2.70		T.								4.13
Georgetown	White							.40	.25			.05	.50			.10							.30		.10			.07					1.77
Gilbert	White	T.					.2	.71	.51		.40	.22	.07			.2							.04	.06	.12		T.	.06					2.41
Grady	Arkansas							1.10								.12			.05			1.40		1.00									3.67
Grannis	Red				.14			.74		T.	.21								.02			1.09	.66		1.77						T.		4.63
Gravette	Arkansas		.05		T.	T.	.17	.04			.57	.09	.05									.75		.54			.08						2.34
Harrison	White						.05	.24			.68	.10										.09	.15				.08						1.42
Helena	Mississippi							.20	.72			.10	.10					.32			.02		.30	.26	.58				.01				2.61
Higden	White			.02				1.33	.07		.10		.70			.10						.05	.22		.64		T.						3.23
Hope	Red							1.03		T.	.11				T.				T.				2.61		.13				.04		.15		4.67
Hot Springs	Ouachita			T.	T.	.01		1.94	T.	T.	.04	.09	T.									.41	.90		.69								4.08
Huttig	Ouachita			.06				.60	.10		.25					.05							.80		.20								2.06
Jonesboro	White			.58				.13	.37		.02	.11	.20	.02		.04						1.44	.14	.02	.43		.05						2.11
Junction	Ouachita				T.		30	.80							T.								.60										3.14
Lakebrook	White							.51			.05	.08				.26							.45	.40									1.75
Little Rock	Arkansas		.56		T		T.	1 60		.01	.12	.06	.01			.01						.19	.47	.07			.01						3.11
Lutherville	Arkansas							.85		61		.06				.06		.23				.53	T.		.61								2.95
Madelice	Mississippi				.02		.07	.21			.18				T.	T.		T.				.28	.34	.81				.07					1.98
Magnolia	Red							1 [illegible]		.02					T.							.62	1.70		.02								3.39
Malvern	Ouachita					.04		1.52	.20		.03	.15	.04										.17	.02	.55			.02						3.02
Mammoth Spg.	White		.02	.02			.67	1 16				.28	.16	01								.13	.09	.49									3.05
Marianna	Mississippi								15	.04	.01		.07			.10							.68	.12	.22			.01					1.40
Marked Tree	Mississippi			.21				.01	.78			.11	.05	T.		T.	T						.15		.45			.22					1.98
Marshall	White			T.		T.		1.20	.09		.41		.09									T	.02		1 11	.01	.03						2.96
Mena	Ouachita					.15		.28			.18	.06	T.			T.							1.20		.02			T.					1.89
Morrilton	Conway							2.17			.08												.49	.15									2.89
Mountain Home	White					.03		1.20			.30		.08									.08	.25	.30			.05						2.29
Mount Ida	Ouachita							1.51														1.40			.60								3.51
Newport	White			.07				.19	.48			.13	.10			.14							.10		.62			.10					1.93
Osceola	Mississippi			.48					1.19			.11	T.			.06				T.			.78		.19			.47					3.28
Ozark	Arkansas			T.		T.	T.				.74	.05	T.						.72		.54	.04			.51								2.60
Patterson	White							.24	.15			.41	.49			.08							T.	.43	.37			.16					2.33
Piggott	Mississippi		.50					.90			.20		T.		.20				T.				T.	.71			T.						2.51
Pindall	White					.07		1.01			.51	T	.04									.14	.06		.10			.06					1.99
Pine Bluff	Arkansas					.10		.55	.30		T.	T	.12				.08		.13				1.20	.01	1.05				.01				3.55
Pocahontas	White							.65				.29	.10			.05							.18		.40								1.70
Portland	Ouachita					.03		.36				.25				.15							.53		.68				.01				2.01
Prescott	Ouachita				.09			1.62	.04	.02	.11					.04			T.			T.	1.87	.07				T.					3.86
Princeton	Ouachita							1.44															.55										1.99
Rison	Ouachita				.05		1.16		.10														1.50		.15								2.90
Rogers	Arkansas						.07	.17			.54	.11	T.									.03	.62	.55			.14						2.23
Searcy	White																						.12										1.66
Springbank	Red			T.		T.	25	.50	.40			.16	.12		.05	.06						T.	3.00		T.				T.				4.42
Story	Ouachita							.74	.03	T.	.09	.07				.04			.45			1.30		.35									3.69
Stuttgart	Arkansas			T.		.01	1.15	.31	.16	.26			.16			.04							1.01	.01	.23				.24				2.09
Subiaco	Arkansas							.26	.15			.05			T.	.13						.40	.12	.58						.04			1.57
Texarkana	Red										.24	.11	.04						.04				3.30		T.								5.81
Thornburg	Arkansas							1.33	.23		.87					.08						.15			.05								....
Waldron	Arkansas																						.80			.33							2 22
Warren	Ouachita				T.	T.	T.	.72			.34		.03										1.50		.85								3.25
Waters	Ouahita						.70	.10				T.				T.			.10			1.50		.35									2 63
Whitecliffs	Red							.70			.25											1.33	2.76		.38								4.60
Wynne	Mississippi						T.	1.25	.21		T.												.26		.15			.12					1.33
Yancopin	Arkansas							T.	.26			.10	.31		T.	.13							.57		.53				T.				1.86
						T.		.37	.01			.13				T.	.14		.11	T.													

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

† Precipitation included in the next following measurement.

Daily Temperatures for April, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	62	70	63	62	71	69	72	63	63	59	64	58	67	68	66	72	78	78	72	70	..	..	..	..	..	..	..	..	..	..		67.4
	Minimum	29	50	47	38	40	43	50	44	48	51	53	50	50	51	43	33	44	58	48	38	52	55	55	48	50	41	52	50	48	48		46.9
Batesville§§	Maximum	57	68	56	62	75	78	62	64	63	57	65	54	69	72	47	73	81	68	60	70	75	75	81	71	68	74	83	76	77	83		68.8
	Minimum	24	28	37	32	38	48	57	41	41	46	48	48	33	36	41	30	35	46	36	30	33	48	47	50	52	37	40	43	39	43		40.2
Bentonville	Maximum	60	54	51	62	70	70	55	60	61	55	51	54	68	62	54	76	79	68	60	72	66	70	80	64	62	78	70	65	76	80		64.9
	Minimum	29	33	30	38	46	55	36	35	48	45	45	43	37	40	34	37	56	49	37	40	55	56	54	49	47	45	56	44	42	56		42.9
Bee Branch	Maximum	59	68	70	63	78	76	74	66	61	60	65	59	71	..	..	..	73	82	82	73	73	76	86	83	70	76	84	71	81	87		73.0
	Minimum	27	44	34	34	40	51	44	40	44	46	48	47	39	42	..	39	32	51	55	34	47	54	52	53	51	41	50	45	41	47		44.1
Blytheville	Maximum	57	70	66	69	76	80	72	60	62	60	68	60	69	74	68	73	85	71	59	69	79	78	81	80	69	71	81	68	78	85		71.9
	Minimum	30	44	38	32	45	58	60	44	42	48	52	43	44	47	39	36	49	49	35	37	46	57	55	56	50	45	54	48	48	52		46.2
Booneville	Maximum	67	71	58	63	77	76	73	64	61	59	55	57	70	67	62	79	85	83	71	75	72	79	85	81	68	78	83	71	82	89		72.0
	Minimum	28	50	34	41	44	54	46	42	45	49	49	47	42	42	40	35	46	54	45	42	54	53	52	52	50	38	58	43	38	49		45.4
Brinkley	Maximum	63	75	69	66	79	80	77	63	67	62	71	66	71	74	66	72	84	78	64	75	80	80	84	79	72	78	84	80	79	86		71.1
	Minimum	30	51	38	35	42	42	51	43	43	49	53	48	41	41	41	32	32	58	38	34	47	58	54	56	51	49	54	41	44	46		44.4
Calico Rock§§	Maximum	57	73	59	63	75	79	59	66	61	58	58	52	72	72	52	85	87	69	62	73	79	79	84	72	68	77	79	70	83	86		70.4
	Minimum	25	28	36	32	36	47	50	40	41	45	47	46	35	35	40	30	33	48	36	30	34	47	48	51	53	37	42	40	38	46		39.7
Camden§§	Maximum	69	75	63	62	78	79	70	61	66	68	68	61	69	65	51	74	81	80	66	75	72	79	85	73	72	76	82	73	78	83		71.9
	Minimum	30	34	41	41	42	43	57	47	47	49	52	50	49	43	46	31	34	50	51	37	38	55	57	58	47	41	43	51	42	41		45.0
Center Point	Maximum	67	72	65	62	70	74	70	64	63	59	63	59	67	65	63	76	81	83	70	73	68	80	85	79	72	73	82	75	80	83		71.4
	Minimum	35	55	35	41	45	59	55	44	47	50	51	48	49	47	44	39	52	58	45	46	53	55	58	54	49	46	51	50	48	57		49.0
Conway	Maximum	62	72	64	64	80	78	71	65	63	50	69	58	71	72	65	77	86	82	68	72	71	80	85	76	71	78	85	73	82	85		72.8
	Minimum	27	48	36	37	41	51	50	43	43	50	51	51	39	39	41	31	45	58	41	34	46	54	53	54	54	40	51	48	41	45		45.0
Corning	Maximum	54	70	71	61	75	80	76	72	66	57	55	59	69	75	71	72	83	72	62	71	78	81	79	70	71	81	68	76	84	83		71.1
	Minimum	27	43	36	31	46	47	44	40	43	47	48	41	33	43	38	35	42	45	33	33	42	52	53	47	40	55	46	41	51	50		42.4
Dardanelle	Maximum	50	67	72	72	82	81	75	62	62	60	65	58	70	72	67	79	86	84	69	73	70	80	85	80	72	79	87	72	82	87		73.4
	Minimum	30	36	36	39	44	53	58	44	48	50	50	50	42	46	41	35	48	57	44	41	50	55	59	57	53	43	59	47	43	46		46.8
Dumas	Maximum	65	74	72	66	81	80	70	59	66	66	71	69	71	69	62	73	85	85	69	75	79	82	85	75	70	75	82	71	80	86		73.5
	Minimum	30	52	40	37	42	57	56	45	41	51	57	52	46	43	43	31	46	59	41	34	41	58	60	58	49	40	52	51	43	47		46.7
Dutton	Maximum	58	60	56	75	72	74	66	65	60	56	52	50	68	64	56	75	79	78	63	71	66	70	79	74	62	72	77	66	76	79		66.7
	Minimum	20	44	29	30	37	49	38	34	37	44	46	41	31	34	32	25	41	41	34	33	45	52	41	41	45	32	48	39	30	44		38.0
El Dorado	Maximum	71	74	72	62	80	80	75	62	66	69	69	64	67	65	58	75	81	80	73	77	73	80	85	83	72	77	82	79	80	86		73.9
	Minimum	33	55	45	41	50	57	59	48	49	53	55	51	47	45	49	37	48	57	56	43	56	59	58	61	52	44	55	52	45	53		50.4
England	Maximum	62	77	67	65	78	81	73	63	68	61	70	58	68	73	63	71	85	82	66	73	76	83	86	76	70	76	83	70	81	85		73.0
	Minimum	23	50	37	34	41	46	52	43	43	49	59	51	41	43	41	33	48	59	41	33	48	58	54	53	55	40	56	47	41	45		45.4
Eureka Springs	Maximum	59	59	55	65	71	72	68	63	62	57	[illegible]	52	70	66	57	77	80	75	63	76	69	70	81	64	64	78	71	67	77	80		67.4
	Minimum	24	42	30	37	43	56	38	34	43	[illegible]	45	41	35	45	33	38	59	56	34	37	54	51	53	47	45	45	50	39	46	58		43.4
Evening Shade	Maximum	56	72	69	62	76	76	73	67	64	59	58	57	72	72	61	79	87	76	63	73	78	80	85	76	70	77	82	71	82	88		72.0
	Minimum	32	37	33	30	42	40	41	40	41	45	48	44	31	40	39	30	45	50	35	28	39	56	49	44	50	36	50	45	39	47		41.1
Fayetteville	Maximum	60	60	52	63	72	71	72	62	63	58	51	52	68	65	53	76	78	76	63	72	70	71	80	77	61	73	73	65	75	79		67.0
	Minimum	26	41	30	38	48	56	37	36	46	45	43	42	39	46	33	36	56	52	36	41	56	55	51	46	45	41	56	41	38	58		43.7
Fort Smith	Maximum	68	64	60	62	77	75	62	63	59	55	56	57	69	66	60	78	83	79	61	73	62	76	86	69	67	78	78	72	81	84		69.3
	Minimum	32	40	36	42	47	57	43	42	49	50	49	49	45	46	38	40	54	55	48	43	56	57	56	52	52	44	53	51	45	54		47.6
Grannis	Maximum	65	71	65	62	61	74	70	64	68	67	64	55	63	63	58	76	79	82	73	69	67	81	83	77	68	78	81	73	83	80		70.7
	Minimum	27	46	37	37	41	37	45	37	42	45	42	42	45	42	36	29	45	54	39	46	49	52	51	50	43	39	46	53	39	48		42.8
Gravette	Maximum	61	60	52	62	71	71	69	63	61	57	50	55	69	66	56	77	80	71	62	73	71	71	82	65	62	74	72	61	76	81		66.7
	Minimum	18	39	29	33	40	50	36	34	45	45	41	42	29	35	33	29	57	43	35	38	51	55	49	45	39	34	52	31	33	50		39.6
Harrison	Maximum	..	..	55	65	69	78	70	62	62	56	55	51	70	68	54	83	89	75	62	79	77	76	90	77	67	78	77	68	87	89		71.0
	Minimum	..	..	30	30	41	42	38	35	41	43	41	41	33	43	34	29	43	42	33	33	49	51	45	46	45	36	50	36	34	45		39.8
Helena	Maximum	65	73	68	71	81	83	68	65	[illegible]	67	78	66	72	74	61	75	85	83	67	78	83	81	89	75	73	79	85	75	84	89		75.7
	Minimum	29	47	40	35	42	56	51	43	41	49	58	52	41	42	42	33	49	54	40	37	45	58	55	56	50	41	53	51	44	47		46.0
Hope	Maximum	75	75	66	60	75	79	68	65	67	64	67	62	68	63	68	75	82	82	72	76	61	87	80	77	76	77	82	73	80	84		72.9
	Minimum	30	35	38	40	53	56	54	40	46	50	45	50	50	44	44	35	45	56	50	39	51	56	56	57	45	44	53	53	44	50		47.4
Hot Springs	Maximum	67	71	68	66	76	74	72	65	64	59	64	57	69	67	60	76	82	82	76	73	66	80	85	79	71	75	83	77	79	82		72.1
	Minimum	29	50	37	27	43	55	49	44	44	50	51	49	43	45	40	34	49	57	44	39	19	54	56	57	51	42	53	45	43	50		46.0
Jonesboro	Maximum	56	71	71	62	77	79	74	61	63	57	59	58	67	74	65	72	85	76	58	71	80	77	85	78	70	74	83	69	84	87		71.2
	Minimum	26	45	36	33	45	53	47	40	43	46	49	43	37	41	39	31	47	50	35	34	41	50	52	54	50	41	51	47	45	45		43.7
Junction	Maximum	60	78	80	78	80	83	80	64	72	67	64	67	68	66	58	76	87	90	78	81	78	83	90	81	75	80	81	76	83	88		76.5
	Minimum	29	41	51	41	47	50	51	45	44	43	45	47	50	40	49	31	39	57	48	41	53	49	55	62	41	38	49	50	40	38		45.7
Lambrook §§	Maximum	61	71	56	65	80	80	69	61	64	61	72	56	68	71	49	71	82	80	61	72	79	87	82	84	88	84	84	86	94	94		73.8
	Minimum	29	38	39	31	40	51	58	44	49	47	51	52	46	39	45	30	48	56	42	33	43	51	54	52	37	50	50	40	42	50		44.5
Little Rock	Maximum	61	72	57	69	77	77	68	63	62	57	65	55	69	68	54	73	81	80	61	71	72	78	83	71	69	76	81	76	77	82		69.7
	Minimum	36	47	37	41	46	59	45	43	47	50	52	50	46	48	42	36	52	52	42	44	51	60	59	58	55	46	55	52	51	53		48.6
Lutherville	Maximum	59	67	58	59	75	75	68	62	61	58	55	53	67	65	61	72	80	78	60	69	66	72	83	77	65	73	78	68	76	80		68.0
	Minimum	29	48	33	36	41	52	45	40	45	47	47	47	40	18	37	33	54	56	40	38	51	53	54	50	51	39	54	45	58	51		46.4
Magnolia	Maximum	66	73	71	61	7.	77	77	76	64	61	63	59	60	64	58	73	..	81	75	65	63	77	84	81	71	71	74	74	76	83		70.6
	Minimum	33	58	49	41	44	55	55	43	45	46	49	45	43	35	40	33	..	42	40	33	40	45	46	46	36	42	39	40	46	50		43.0
Malvern	Maximum	67	75	69	67	80	81	73	66	65	62	67	61	71	70	64	76	83	86	78	75	72	81	56	82	73	79	85	78	81	86		74.6
	Minimum	29	53	37	35	40	53	53	45	45	52	52	50	45	43	44	32	44	59	46	36	49	56	53	57	47	40	51	50	41	45		46.3
Mammoth Spg	Maximum	53	69	56	60	72	77	72	63	62	58	54	51	69	71	54	80	86	76	62	69	82	73	83	78	64	73	80	67	81	86		69.3
	Minimum	22	42	34	31	46	47	42	38	43	43	45	42	51	36	38	29	44	48	33	30	39	54	47	52	49	35	49	45	38	43		41.2
Marianna	Maximum	69	70	67	78	76	75	75	62	65	73	71	73	76	73	67	75	84	85	65	73	81	83	87	80	76	75	83	83	78	85		75.5
	Minimum	30	50	40	36	31	55	55	43	43	50	50	49	44	44	41	33	51	40	39	59	50	58	56	59	43	42	54	50	46	50		45.8
Marked Tree§§	Maximum	74	54	60	78	80	64	61	60	60	66	[illegible]	68	74	52	72	85	65	62	71	78	79	8.	68	66	70	80	66	78	85	80		69.5
	Minimum	35	38	34	44	51	59	42	42	46	49	49	40	43	40	35	43	53	36	35	36	51	59	55	56	40	50	46	45	47	53		45.2
Marshall	Maximum	55	59	54	69	73	78	73	64	62	58	58	53	69	68	59	79	82	78	63	71	75	74	82	79	63	71	80	78	80	83		69.7
	Minimum	26	48	35	33	44	60	42	38	43	50	45	40	35	41	36	31	46	51	36	34	53	55	47	49	50	37	38	36	37	48		42.1
Mena	Maximum	65	69	62	62	75	75	75	66	61	56	56	52	65	63	57	73	83	83	63	76	67	77	84	76	66	77	81	69	80	81		69.8
	Minimum	27	54	33	49	45	59	56	50	46	48	50	45	44	42	38	34	50	60	46	40	51	54	54	53	51	41	55	44	40	55		47.3
Mountain Home	Maximum	58	69	56	62	69	80	70	62	62	57	53	51	70	71	53	82	85	69	60	74	78	71	85	68	66	76	79	68	70	85		65.6
	Minimum	22	42	31	34	42	52	38	35	41	42	41	41	33	39	35	30	45	48	22	31	44	51	46	18	47	36	48	42	40	36		39.9
Mount Ida	Maximum	67	73	61	64	77	73	70	63	65	59	64	56	71	67	61	79	84	84	72	74	64	81	85	79	71	79	83	75	81	84		72.2
	Minimum	25	56	35	31	37	50	47	43	41	48	56	44	48	38	42	28	41	56	47	32	44	54	47	54	43	35	57	42	34	34		42.8
Newport	Maximum	64	77	69	70	82	85	75	69	64	60	61	59	74	76	70	78	89	83	65	78	83	84	91	83	72	80	81	74	86	92		75.8
	Minimum	28	47	37	34	46	53	46	42	43	47	5.	45	37	42	41	32	47	54	35	32	44	44	51	56	52	40	54	48	43	47		43.9
Osceolo	Maximum	..	70	65	63	78	82	72	59	64	60	71	61	64	76	66	71	85	64	58	69	78	76	81	78	70	74	82	68	80	86		71.4
	Minimum	..	55	41	35	46	55	50	41	41	47	52	44	43	44	38	34	46	52	34	41	51	55	53	55	51	34	34	46	46	51		45.3
Ozark	Maximum	65	70	59	61	79	79	74	71	70	58	55	59	70	70	69	73	84	83	66	72	77	79	80	85	69	79	80	81	83	84		72.8
	Minimum	29	50	35	41	41	55	51	46	42	49	49	49	42	41	40	37	35	51	41	41	56	58	51	56	46	40	41	42	41	40		41.9
Pine Bluff	Maximum	68	76	70	64	81	80	73	64	68	63	72	59	71	68	56	76	86	85	72	77	76	83	86	77	74	79	86	76	82	87		74.5
	Minimum	30	53	39	38	43	58	53	46	45	51	54	51	45	46	41	34	50	58	45	39	50	58	58	56	50	43	56	53	47	52		48.2
Pocahontas	Maximum	54	70	68	59	73	75	74	64	63	59	55	53	69	74	65	71	84	79	59	69	77	73	81	79	67	72	79	68	77	84		64.9
	Minimum	24	42	35	32	44	48	46	40	43	43	48	42	36	40	39	30	47	47	35	33	42	56	49	54	50	39	50	45	40	45		42.1
Portland	Maximum	75	82	73	69	82	85	74	69	64	65	77	70	71	71	57	75	85	83	71	75	83	82	89	80	72	78	85	79	81	87		76.3
	Minimum	31	50	45	40	42	52	60	49	44	51	55	54	45	44	47	33	43	58	50	37	48	60	60	59	50	41	51	53	43	48		48.1
Prescott	Maximum	68	75	69	62	77	78	68	64	65	64	66	60	69	67	66	75	82	82	70	74	70	80	87	77	75	77	82	72	79	85		72.5
	Minimum	30	55	39	40	41	49	50	45	48	52	50	51	49	44	45	34	45	58	50	39	53	53	52	56	50	45	51	50	42	45		47.1
Rison	Maximum	68	78	77	64	79	80	75	61	71	70	71	72	72	71	72	71	83	84	84	74	74	84	81	..	..	..	..	..	..	..		75.0
	Minimum	40	44	40	47	42	58	50	45	44	43	51	50	45	46	44	44	45	50	46	45	43	45	48	..	..	..	..	..	..	..		46.0
Rogers	Maximum	62	59	64	65	74	73	67	62	63	58	52	54	68	61	59	78	81	77	62	74	70	73	82	74	62	74	71	66	78	81		68.2
	Minimum	23	40	32	37	40	56	37	36	45	45	45	43	34	36	34	31	44	50	36	36	54	56	56	46	47	44	55	38	36	44		41.9
Searcy	Maximum	58	72	70	61	77	79	74	63	62	59	69	61	68	74	67	73	84	79	59	71	75	78	84	80	69	76	84	71	79	84		72.0
	Minimum	28	45	36	34	41	57	47	41	45	49	50	49	39	41	40	30	44	53	38	33	43	56	52	55	52	49	48	45	40	42		44.1
Stuttgart	Maximum	62	74	69	64	79	80	71	62	63	62	71	65	68	70	59	71	83	79	61	72	77	79	83	71	69	75	8.	74	77	84		71.8
	Minimum	32	51	37	36	41	51	57	43	43	49	55	51	43	43	44	33	36	57	41	35	50	58	55	56	50	40	53	48	42	52		46.1
Subiaco	Maximum	67	70	66	78	80	80	72	66	63	59	66	58	71	68	67	77	85	84	66	74	70	77	..	..	..	..	..	..	..	..		71.1
	Minimum	29	49	40	55	41	54	47	42	46	47	49	47	43	51	40	38	50	59	42	40	51	55	54	51	49	44	57	46	43	52		47.1
Texarkana	Maximum	70	75	70	64	72	78	73	62	64	65	61	64	65	64	64	75	81	82	72	72	75	8.	90	80	75	78	82	76	82	82		73.2
	Minimum	35	55	45	41	47	55	57	45	46	45	59	49	50	43	45	38	45	56	49	43	55	55	55	60	59	43	45	52	51	53		48.9
Thornburg	Maximum	64	70	56	62	68	76	71	61	61	58	64	55	67	77	69	76	84	87	64	71	64	78	83	78	68	71	83	68	79	82		70.3
	Minimum	26	51	35	39	40	41	48	41	43	48	49	48	39	45	39	35	51	60	41	39	50	53	53	54	52	39	60	48	40	50		45.3
Warren	Maximum	68	74	72	64	78	79	76	62	67	64	70	65	69	67	63	71	82	79	77	74	75	78	84	81	71	76	81	81	77	86		73.7
	Minimum	33	54	41	40	43	56	58	47	44	52	56	52	47	46	45	36	46	58	48	38	52	59	60	58	53	44	56	52	45	53		49.1
Wynne	Maximum	59	72	65	52	77	80	70	64	62	61	70	65	68	72	65	71	84	77	60	72	78	78	83	74	71	73	82	69	78	84		71.2
	Minimum	28	48	48	34	44	57	53	42	43	49	53	50	50	43	42	32	47	55	36	38	49	58	51	54	51	38	54	41	43	47		46.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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CLIMATOLOGICAL DATA.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
ARKANSAS SECTION.

HARVEY S. COLE, Meteorologist

VOL. XXXI LITTLE ROCK, ARK., MAY, 1926 No. 5

GENERAL SUMMARY

May was an abnormal month with regards both temperature and precipitation. The month opened warm, but during the second decade a cool wave overspread the State giving freezing temperatures and killing frost at two northwestern stations and light frost in most northern and central counties, 29° at Dutton on the 15th being the lowest temperature on record for so late in the spring. The latter part of the month was unseasonably warm, day temperatures of 100° or higher occurring at several stations, 107° at Newport on the 29th being the highest May temperature on record for the State. Although not so dry as May a year ago, the rainfall was only 48% of the normal and has been less during only five years since state-wide records have been kept in Arkansas.

Cotton planting was completed during the month. Early planting came up to a poor stand in some sections making replanting necessary, and that planted after the 15th did not come up to a good stand owing to the dry weather, it being necessary to plant corn on some land originally prepared for cotton. Growth was slow owing to the cool dry weather, but by the latter part of the month chopping and cultivation were progressing rapidly, there being little grass and cultivation easy. Corn made good progress and was generally in good condition. The dry weather was favorable for curing hay, but damaged the strawberry crop, especially in White County. At the close of the month all crops except cotton were needing rain. The streams of the State were at moderately low stages throughout the month, the Arkansas at Little Rock reaching 0.3 foot below zero at the close of the month, this being the first May with a stage below zero. W. C. H.

TEMPERATURE

The mean temperature for May, as determined from the records of 57 stations, was 69.7° which is 0.7° above normal. Negative departures were recorded at thirteen stations, positive elsewhere. Monthly means ranged from 73.2° at Helena to 62.4° at Dutton and extremes from 107° at Newport on the 29th to 29° at Dutton on the 15th. The highest occurred in practically all sections on the 28th or 29th and the lowest on either the 5th or the 15th.

PRECIPITATION

The average precipitation for 86 stations was 2.42 inches which is 2.60 less than normal. Monthly totals were slightly above normal at four southern stations, below elsewhere. The greatest monthly total was 6.18 inches, measured at McGehee, the least, 0.48 inch, at Osceola. The average number of rainy days was seven.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:—1st, 1; 2d, 20; 3d, 8; 6th, 4; 7th, 25; 8th, 23; 9th, 18; 10th, 17; 11th, 26; 12th, 4; 13th, 2; 14th, 1; 17th, 13; 18th, 22; 19th, 11; 21st, 7; 22nd, 2; 26th, 1; 28th, 1; 29th, 8; 30th, 24; 31st, 30.
Killing frost or freezing temperature:—Dutton, Gravette, 15th.
Light frost:—Most northern and central sections 15th.
Solar Halos:—7th, 1; 17th, 1; 26th, 1; 30th, 1.
Lunar Halos:—18th, 1.

Hail and Wind Storms

Place	Date	Time	Character	Width Path	Remarks
Piggott	9	10:30 a	Heavy Hail	3 miles	Damaged fruit, wheat, corn, strawberries, nursery stock.
Hot Springs	9	9:30 p	Moderate Hail		Slight damage
Scotland	9	12:30 p	Heavy Hail	1-2 - 1 1-4 mi.	Considerable damage to gardens and cotton
Horatio	9	2:00 a	Heavy Hail	2 - 4 miles	Damage $50,000
Camden	10	1:00 p	Moderate Hail		Damaged orchards
Hermitage	10	2:30 p	Moderate Hail	1-2 mile	Slight damage
Evening Shade	11	4:00 p	Heavy Hail	1-2 to 1 mile	Damage gardens, cotton, corn. $1,000.
Judsonia (Providence neighborhood 8 mi. north)	11	2:30 p	Heavy Hail	2 miles	Strawberry crop damaged $75,000
Grubbs	17	6:00 p	Wind and Heavy Hail	1 1-2 miles	Corn and cotton damaged $2,000. Wind damage $300
Uniontown (Crawford Co.)	31	6:00 p	Straight wind		Destroyed small buildings 1 man killed by lightning

MISCELLANEOUS DATA

Stations.	Pressure, Sea-level. Mean.	Highest.	Date.	Lowest.	Date.	Wind. Total movement miles.	Maximum velocity	Direction.	Date.	Relative humidity. 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville	29.93	30.19	15	29.62	9	4,029	22	se.	6	.....	.....	74
Fort Smith.	29.92	30.21	15	29.60	10	5,725	31	sw.	8	74	54	77
Little Rock.	29.93	30.20	4	29.59	9	6,465	31	nw.	9	73	49	76
Memphis.	29.94	30.23	4	29.61	9	5,736	35	sw.	31	70	44	77

COMPARATIVE DATA FOR MAY

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**69 0**		**102**		**24**		**5 02**		**13**	**10**	**8**	**8**
1891	67.0	−2.0	97	30	36	7	2.78	−2.24	15	9	7	7
1892	67.8	−1.2	95	4	36	22	9.52	+4.50	8	11	12	13
1893	68.6	−0.4	94	19	38	2	9.71	+4.69	14	8	9	11
1894	70.1	+1.1	95	27	35	20	3.40	−1.62	12	12	7	7
1895	69.6	0.0	97	30	36	13	3.91	−1.11	13	11	7	8
1896	74.3	+5.3	98	8	46	2	3.54	−1.48	15	10	6	7
1897	68.3	−0.7	99	28	33	26	2.13	−2.89	17	9	5	5
1898	72.1	+3.1	100	29	30	7	6.44	+1.42	16	9	6	7
1899	72.9	+3.9	96	15	44	5	6.45	+1.43	10	12	9	10
1900	69.3	+0.3	97	15	37	4	3.69	−1.33	12	12	7	9
1901	68.2	−0.8	100	2	31	26	2.95	−2.07	12	13	6	7
1902	73.2	+4.2	100	22	42	1	4.34	−0.68	12	12	7	8
1903	67.5	−1.5	96	23	24	1	7.47	+2.45	9	11	11	12
1904	67.1	−1.9	98	23	31	12	3.39	−1.63	13	12	6	8
1905	70.7	+1.7	98	31	38	1	9.58	+4.56	9	11	11	12
1906	68.8	−0.2	100	30	28	9	4.71	−0.31	15	8	8	8
1907	63.8	−5.2	91	23	31	15	9.48	+4.46	7	13	11	13
1908	70.0	+1.0	96	23	30	8	7.05	+2.03	8	13	10	10
1909	67.0	−2.0	92	5	28	2	6.76	+1.74	14	9	8	10
1910	66.0	−3.0	95	30	31	7	6.56	+1.54	12	10	9	11
1911	70.8	+1.8	101	28	26	2	1.11	−3.91	19	10	2	3
1912	69.9	+0.9	98	24	32	17	2.41	−2.61	15	11	5	6
1913	69.3	+0.3	99	31	35	7	3.32	−1.70	16	10	5	7
1914	69.5	+0.5	97	31	34	9	3.34	−1.68	12	13	6	6
1915	69.9	+0.9	101	14	34	8	5.58	+0.56	12	9	10	9
1916	71.6	+2.6	99	28	34	16	3.56	−1.46	18	7	6	6
1917	63.5	−5.5	97	26	31	1	3.15	−1.87	15	7	9	6
1918	72.2	+3.2	102	30	29	1	3.01	−2.01	17	8	6	4
1919	66.8	−2.2	96	31	38	21	6.01	+0.99	9	9	13	12
1920	70.8	+1.8	96	24	39	14	8.17	+2.95	11	9	11	12
1921	69.7	+0.7	99	31	29	3	2.25	−2.77	18	8	5	5
1922	70.8	+1.8	100	11	40	1	5.00	−0.02	12	10	9	11
1923	67.2	−1.8	98	20	27	9	8.24	+3.22	11	8	12	12
1924	64.6	−4.4	94	18	30	11	4.64	−0.38	15	8	8	8
1925	68.0	−1.0	102	30	26	1	1.88	−3.14	17	7	7	4
1926	69.7	+0.7	107	29	29	15	2.42	−2.60	17	8	6	5

Climatological Data for May, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	31	....	....	....	....	42	15	....	0.95	−4.67	0.35	0.0	4	15	11	5	s.	G. C. Thrash.
Arkadelphia	Clark	250	30	....	....	....	....	....	....	....	2.41	−3.01	0.85	0.0	7	14	5	12	e.	F. J. Carpenter.
Arkansas City	Desha	145	42	....	....	....	....	....	....	....	5.34	+0.76	2.25	0.0	8	23	5	3	.....	Carl R. Cutting.
Arlberg	Stone	700	4	....	....	....	....	....	....	....	1.60	.....	0.60	0.0	4	17	10	4	ne.	J. D. Reeves.
Batesville	Independence	277	27	67.2	−0.6	97	29	36	5	44	1.20	−3.69	0.38	0.0	6	18	8	5	s.	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	70.2	+1.6	102	29	39	15	41	1.57	−3.24	0.76	0.0	5	15	10	6	w	J. E. Scanlan.
Bentonville	Benton	1303	21	67.2	+0.8	92	29	41	15	32	2.61	−2.61	1.57	0.0	9	19	7	5	s.	U. S. Weather Bur
Black Rock	Lawrence	259	24	....	....	....	....	....	....	....	2.00	−2.93	0.89	0.0	8	22	5	4	.....	Vernon C. Howe.
Blytheville	Mississippi	252	1	72.0	.....	99[b]	28†	45	15	40[b]	1.21	.....	0.50	0.0	5	17[b]	10[b]	2[b]	sw.	J. M. Brooks
Booneville	Logan	465	12	69.5	−1.6	97	29	38	15	43	2.05	−2.63	1.35	0.0	9	19	7	5	s.	F. H. Randolph.
Brinkley	Monroe	205	39	70.8	+0.8	99	29	42	5†	42	2.28	−2.55	1.43	0.0	6	22	4	5	s	H. L. D. Whitson.
Calico Rock	Izard	361	22	67.6	+0.7	99	29	37	5	48	1.69	−2.76	0.53	0.0	8	14	11	6	sw.	W. J. Copp.
Camden	Ouachita	158	41	69.6	−1.6	95	28†	44	15	38	4.01	−0.43	2.60	0.0	8	14	8	9	sw.	A. B. Quarterman.
Center Point	Howard	470	27	71.4	+0.4	97	29	41	15	36	4.22	−2.06	1.42	0.0	11	14	10	7	sw.	John C. Floyd.
Clarendon	Monroe	200	22	....	....	....	....	....	....	....	1.65	−4.01	0.32	0.0	9	15	7	9	sw.	J. W. Bishop.
Clinton	Van Buren	516	5	....	....	....	....	....	....	....	1.60	.....	0.72	0.0	4	11	18	2	w.	A. L. Stephens.
Conway	Faulkner	309	43	70.3	+0.2	97	29	40	15	39	1.58	−3.15	0.78	0.0	4	21	6	4	s.	E. E Cordrey.
Corning	Clay	293	33	70.2	+1.7	98	28†	39	15	41	0.89	−3.47	0.31	0.0	6	19	9	3	sw.	Winifred D. Polk
Dam No. 1 ‡‡	White	190	3	....	....	....	....	....	....	....	1.57	....	0.93	0.0	4	27	3	1	sw.	J. O. Yingling.
Danville	Yell	327	10	....	....	....	....	....	....	....	1.15	−2.66	0.85	0.0	2	14	12	5	s.	C. P. Evans.
Dardanelle	Yell	330	40	71.6	+2.0	99	29	43	16	41	1.70	−3.80	1.40	0.0	3	18	1	12	w.	J. D. Riley.
Dumas	Desha	162	20	70.6	−1.6	99	29	44	5†	41	3.06	−2.18	1.18	0.0	10	8	13	5	s.	Ben Johnson.
Dutton	Madison	1590	23	62.4	−1.7	91	29	29	15	43	2.89	−3.55	1.11	0.9	7	17	12	2	s.	J. M. Ricketts
El Dorado	Union	270	25	72.3	+1.3	98	28	46	15	35	2.48	−2.07	1.38	0.0	9	12	15	4	sw.	J. J. Babb.
England	Lonoke	229	19	69.8	−0.3	98	28†	41	15	39	2.09	−2.00	1.63	0.0	6	17	8	6	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	26	67.9	+1.1	93	29	43	15	34	3.07	2.76	0.82	0.0	10	13	13	5	sw.	Geo. W. Nichoalds
Evening Shade	Sharp	600	2	68 0	.....	93	29	36	5	47	2.61	.....	0.85	0.0	7	10[a]	17[a]	3[a]	sw.	B. F. Graddy.
Fayetteville	Washington	1451	39	67.3	+1.1	99	29	41	15	38	1.60	−4.01	0.68	0.0	6	16	10	5	sw.	University of Arkan
Fort Smith	Sebastian	457	45	70.6	+1.0	96	29	46	15	35	2.86	−2.05	1.13	0.0	9	14	10	7	e.	U. S. Weather Bur
Freeman Springs	Pope	2240	2	.....	.....	.....	.....	.....	.....	.....	2.33	....	0.78	0.0	9	22	6	3	sw.	J. R. Mc Cuiston.
Fulton	Hempstead	260	38	.....	.....	.....	....	.....	.....	.....	4.78	+0.21	1.65	0.0	7	20	1	10	.....	T. J. Logan.
Georgetown	White	200	14	.....	.....	.....	.....	.....	.....	.....	1.25	−2.68	0.65	0.0	5	21	2	8	s.	W. R. Owens.
Gilbert	Searcy	675	8	.....	.....	.....	.....	.....	.....	.....	2.61	.....	1.10	0.0	7	18	10	3	.....	Ben F. Battenfield.
Grady	Lincoln	172	2	.....	.....	.....	.....	.....	.....	.....	2 26	.....	0.90	0 0	6	..	..	..	.....	P T. Simons
Grannis	Polk	900	8	67.8	.....	95	29	38	15	38	3.59	.....	1.50	0.0	10	13	14	4	w.	W. E. Mc Vay.
Gravette	Benton	1250	29	64.6[a]	−1.0	91[a]	29	30[a]	15	41[a]	4.87	−0.65	2.58	0.0	8	16[a]	10[a]	4[a]	sw.	A. F. Stevens.
Harrison	Boone	1362	25	67.6[a]	.....	99[a]	28†	36[a]	15	47[a]	2.65	−2.44	0.98	0.0	9	20[a]	5[a]	5[a]	.....	G. L. Wright.
Helena	Phillips	193	54	73.2	+2.4	103	28	45	5	47	1.21	−3.28	0.34	0.0	10	15	6	10	s.	James A. Burnett.
Higden	Cleburne	445	8	....	....	....	....	....	....	....	1.12	.....	0.47	0.0	5	20	8	3	w.	Geo. W. Baker.
Hope	Hempstead	377	55	71.0	−0.2	97	29	44	15	36	3.62	−1.59	1.72	0.0	7	20	6	5	s.	N. P. O' Neal.
Hot Springs	Garland	600	35	69.4	−0.4	96	29	43	5†	38	1.94	−3.71	0.65	0.0	9	16	5	10	.....	P. P. Patraw.
Huttig	Union	175	19	.....	.....	.....	.....	.....	.....	.....	2.55	−3.42	1.80	0.0	4	12[j]	5[j]	4[j]	se.	J. L. Collett.
Index	Little River	275	1	.....	.....	.....	.....	.....	.....	.....	3.28	.....	0.97	0.0	10	16	3	12	....	H. D. Sanderson.
Jonesboro	Craighead	345	31	70.6	−0.8	100	28†	43	15	44	1.02	−3.21	0 27	0.0	10	22	1	8	sw.	Benedictine Sisters
Junction ‡‡	Union	182	32	72.0	+0.2	98	27†	43	5	42	4.57	+0.01	1.09	0.0	6	18	8	5	w.	J. A. Lowderback.
Lambrook	Phillips	155	3	69.2	.....	99	29	40	5†	45	0.65	...	0.35	0.0	4	20	2	9	se.	G. B. Lambert Co.
Little Rock	Pulaski	357	47	70.6	+0.3	96	29	46	15	28	1.56	−3.54	0.79	0.0	10	15	12	4	s.	U. S. Weather Bur
Lutherville ‡‡	Johnson	775	27	68 8	+0.5	95	29	41	15	33	1.83	−3.24	0.85	0.0	7	15	13	3	se.	H. G. Leuhardt.
Mc Gehee	Desha	148	2	....	....	....	....	....	....	....	6.18	...	2.45	0.0	7	21	8	2	.....	P. T. Simons.
Magnolia	Columbia	315	7	68 1[f]	.....	92[c]	29†	44[b]	16	30[b]	3.26	.....	1.05	0.0	7	9[a]	15[c]	4[c]	ne.	State Agri. School
Malvern	Hot Springs	277	39	70.4	+0.5	98	29	39	15	40	1.09	−3.51	0 65	0.0	8	23	5	3	s.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	600	21	68.1	+1.9	94	28†	39	5	41	2.10	−2.20	0.61	0.0	7	12	15	4	s.	F. M. Daniel.
Marianna	Lee	235	14	71.3	+1.1	96	28†	46	5†	40	0.67	−4.26	0.37	0.0	5	21	8	2	s.	C. N. Houck.
Marked Tree	Poinsett	229	21	69.4	.....	99	28	41	15	43	1.90	−2.79	0.67	0.0	7	17	12	2	se.	Charles Walton
Marshall	Searcy	1070	12	68.4	+1.2	95	29	36	15	40	2.35	−3.77	0.90	0.0	5	20	7	4	sw.	A. J. Park
Mena ‡‡	Polk	1185	38	68.6	−0.3	96	29	40	15	37	4.45	−2.02	1.40	0.0	10	20	7	4	sw.	E. W. St. John.
Morrilton	Conway	347	5	72.0	.....	101	29	44	5	36	1.46	.....	0.92	0.0	3	15	11	5	sw.	John Cook
Mountain Home	Baxter	800	12	67.0	+1.1	100	29	35	15	44	3.95	1.51	1.93	0.0	6	19	2	10	s.	B. S. Halbert.
Mount Ida	Montgomery	650	27	68.0	−0.3	96	29	36	15	44	3.35	−2.47	1.04	0.0	7	17	6	8	sw.	G. A. Whittington.
Newport	Jackson	231	42	72.8	+2.8	107	29	42	5	48	1.46	−2.81	0.40	0.0	7	22	5	4	n.	A. C. Wilkerson
Osceola	Mississippi	240	28	70.8	+1.2	96	27†	43	16	40	0.48	−4.30	0.21	0.0	6	10	13	8	s.	June Thomason
Ozark	Franklin	450	30	69.3	−1.1	97	29	40	15	44	3.16	−2.38	1.42	0.0	6	19	2	10	se.	Isham Burrow.
Patterson	Woodruff	196	10	.....	.....	.....	.....	.....	.....	.....	1.07	−3.60	0.40	0.0	6	22	0	9	n.	W. E. Baker.
Piggott	Clay	397	2	....	.....	.....	.....	.....	.....	.....	3.00	.....	1.15	0 0	5	21	8	2	sw.	H. H. Harlan.
Pindall	Searcy	1500	4	.....	.....	.....	.....	.....	.....	.....	2.69	....	0.86	0.0	5	15	7	9	se.	W. W. Wood.
Pine Bluff	Jefferson	215	39	72.2	+0.2	100	29	45	15	39	1.10	−3.48	0.34	0.0	7	22	3	6	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	33	68.8	+0.2	98	29	42	16	40	2.96	−1.54	1.16	0.0	6	10	13	8	s.	Benedicitine Sisters
Portland	Ashley	122	20	72.6	+1.3	102	30	45	5†	43	2.32	−4.02	0.86	0.0	10	15	11	5	w.	W. E. Edmiston.
Prescott	Nevada	329	38	70.6	+0.4	98	29	44	15	39	3.04	−1.96	1.03	0.0	9	18	4	9	sw.	C. D. Calhoun.
Princeton	Dallas	287	20	....	....	....	....	....	....	....	1.67	−3.52	0.92	0.0	3	23	0	8	.....	Foote Coleman.
Rison	Cleveland	243	25	73.0[c]	+2.0	100[c]	28	44[c]	15	38[c]	2.42	−0.23	1.77	0.0	6	5	17	6	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	35	66.2	+0.1	94	29	34	15	41	2.11	−3.07	1.23	0.0	6	16	9	6	s.	Carl A. Starck.
Searcy	White	236	17	69.8	+1.1	97	28†	40	5†	42	1.77	−3.08	0.78	0.0	6	24	1	6	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19	.....	.....	.....	.....	.....	.....	.....	3.71	−0.53	1.43	0.0	9	22	0	9	.....	Miss Grace Field.
Story	Montgomery	700	2	.....	.....	.....	.....	.....	.....	.....	2.68	....	0.71	0.0	7	17	8	6	s.	S. C. Story.
Stuttgart	Arkansas	228	39	69.6	−0.3	97	29	43	15	38	2.03	−2.67	1.52	0.0	8	17	9	5	.. ..	Adam F. Buerkle.
Subiaco	Logan	1050	29	72.2[b]	+2.2	100[c]	28	44	14	36[c]	1.55	−4.03	0.53	0.0	8	19	8	4	s.	New Subiaco Abbe
Texarkana	Miller	332	40	71.4	−0.2	97	28†	44	16	38	4.96	+0.86	1.80	0.0	8	19	3	9	s.	H. S. Brashear.
Thornburg	Perry	650	2	68.3	.....	96	29	40	5	36	1.85	.....	0.65	0.0	5	25	1	5	s.	T. Y. Powell.
Waldron	Scott	675	7	.....	.....	.....	.....	.....	.....	.....	3 38	.....	1.65	0.0	10	10	11	10	sw.	Dr. Cheves Bevill.
Warren	Bradley	206	32	72.2	+1.2	97	28†	45	15	36	3.82	−0.77	1.30	0.0	6	19	8	4	s.	W. L. Shide.
Waters	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	4.35	.. .	1.35	0.0	5	17	7	7	w.	J. R. Huddleston.
Whitecliffs	Little River	290	22	.....	.....	.....	.....	.....	.....	.....	4.44	−0.46	1.00	0.0	7	17	3	11	sw.	Nannie O. Schirm
Wynne	Cross	250	18	70.9	+0.5	98	29†	41	15	38	1.40	−3.06	0.55	0.0	7	23	2	6	s.	E. O. Allen.
Yancopin	Desha	167	2	.....	.....	.....	.....	.....	.....	.....	1.98	.....	0.50	0.0	8	15	8	8	.. ..	W. E. Barton.
State Means and Extremes				69.7	+0.7	107	29	29	15	48	2.42	−2.60	2.60	0.0	7	17	8	6	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡ office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for May, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	7.6	7.2	7.0	6.7	7.2	7.8	7.6	8.4	10.8	11.4	11.5	11.3	9.8	9.5	8.7	8.5	7.6	7.5	7.0	6.5	5.9	6.2	6.0	5.4	5.2	5.2	5.2	5.1	4.8	4.7
Dardanelle	do	20	5.8	5.4	4.8	4.6	4.2	4.0	4.6	5.3	6.1	7.8	8.2	9.1	8.7	8.3	7.4	5.4	4.7	4.3	4.0	3.8	3.8	3.7	3.6	3.5	3.5	3.1	2.7	2.5	2.3	2.2
Little Rock	do	23	4.9	3.9	3.1	2.6	2.5	2.0	1.8	2.0	2.5	3.5	5.4	6.7	7.0	7.2	6.5	5.1	3.8	2.9	2.1	1.8	1.4	1.3	1.0	0.8	0.7	0.5	0.1	-0.2	-0.3	-0.3
Pine Bluff	do	25	9.3	9.0	8.0	7.3	7.0	6.3	6.3	6.3	6.4	6.9	7.5	9.8	10.8	11.2	11.2	10.1	9.2	7.8	7.0	6.6	6 2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.7	4.4
Yancopin	do	29	28.0	2.71	26.0	24.5	23.1	21.5	19.9	18.6	17.3	16.2	15.6	15.3	15.7	16.5	16.7	16.6	15.9	14.7	13.5	12.5	11.7	11.0	10.4	10.1	9.9	9.7	9.7	10.0	10.1	9.9
Danville	Petit Jean	20	4.1	3.8	3.7	3.7	3.6	3.6	3.8	3.9	7.5	7.8	5.5	5.5	5.2	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.7	3.4	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	3.1	2.5	2.4	2.5	2.4	3.0	2.2	2.0	2.2	3.0	3.0	4.1	4.1	4.2	3.4	3.1	2.7	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.6	1.2	1.3	1.5	1.3	1.2	1.2
Batesville	do	23	8.9	8.6	8.0	7.5	7.6	8.0	8.4	7.8	7.3	7.9	8.6	8.6	10.3	10.0	9.4	9.0	8.7	8.2	7.8	7.6	7.5	7.3	6.9	6.8	6.7	6.5	6.3	6.2	6.4	6.2	6.2
Newport	do	26	7.0	6.9	6.5	5.0	4.7	5.5	5.7	5.6	5.3	5.0	5.2	5.8	6.2	6.8	7.0	6.5	6.0	5.7	5.0	4.9	4.9	4.7	4.3	4.0	4.0	3.9	3.8	3.6	3.6	3.5	3.3
Dam No. 1	Little Red	..	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.3	-0.3	-0.3	-0.3	0.5	0.5	0.3	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0
Georgetown	White	22	11.0	10.8	10.4	10.0	9.4	9.0	8.2	8.0	7.8	7.6	7.4	7.4	7.4	7.8	8.4	8.8	8.6	8.2	8.0	7.6	6.8	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.6	4.4
Clarendon	do	30	21.8	21.3	20.8	20.2	19.6	19.0	18.8	17.8	17.2	16.7	16.2	15.7	15.4	15.2	15.2	15.4	15.6	15.7	15.6	15.3	15.0	14.6	14.2	13.8	13.5	13.1	12.8	13.5	12.2	12.9	11.8
Gilbert	Buffalo	30	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	6.5	5.7	5.5	5.7	5.5	5.3	5.3	5.2	5.0	4.7	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.1	4.0	4.0	4.1
Corning	Black	11	8.5	8.4	8.3	8.2	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	7.1	7.9	8.8	9.1	8.9	8.6	8.1	7.9	7.6	7.4	7.2	7.1
Black Rock	do	14	6.4	6.0	5.7	5.5	5.3	5.2	5.2	5.0	4.8	4.8	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.6	4.4	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.6	3.6
Patterson	Cache	9	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6	3.6
Arkadelphia	Ouachita	18	2.0	2.0	1.8	1.6	1.3	1.5	1.6	3.0	3.8	5.8	5.5	4.2	4.5	4.3	3.5	2.5	1.3	1.6	1.9	1.8	1.8	1.6	1.6	1.0	0.5	1.0	1.2	0.5	0.8	1.0	0.2
Camden	do	30	14.3	12.0	12.0	12.4	13.8	14.0	15.2	12.5	11.6	10.9	16.3	19.4	19.0	18.8	17.2	16.6	15.0	13.9	12.4	12.0	10.9	6.1	6.2	6.0	5.9	5.6	5.2	5.2	5.2	5.1	5.1
Fulton	Red	28	14.0	12.6	11.8	11.5	13.1	15.0	15.8	16.6	19.2	20.8	21.5	21.6	21.7	21.1	20.0	19.0	17.7	16.2	14.5	13.0	12.0	12.6	13.8	13.8	12.6	11.5	10.9	10.5	9.9	9.4	9.1
Springbank	do	37	11.0	11.5	13.0	12.2	11.8	13.0	13.8	14.3	16.3	19.3	21.6	22.0	22.1	22.2	22.1	21.0	19.1	1.77	16.3	14.8	13.3	12.5	12.8	13.2	13.7	12 9	12.4	11.6	11.1	11.6	12.6
Whitecliffs	Little	28	8.2	5.7	5.0	4.2	10.1	10.4	8.5	8.4	15.0	20.1	22.7	23.7	23.3	22.1	20.6	19.9	14.6	12.0	8.7	6.2	4.8	3.9	3.5	2.9	2.8	2.8	2.4	2.0	1.8	1.8	1.6
Marked Tree	St. Francis	17	9.1	8.7	8.5	8.3	8.0	7.8	7.5	7.4	7.2	7.0	6.8	6.6	6.6	6.3	5.3	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.8	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5
Helena	Mississippi	44	30.1	28.0	26.4	24.7	23.3	22.1	21.1	20.2	19.5	18.8	18.1	17.5	16.7	16.1	15.5	15.1	14.9	14.7	14.4	14.1	13.9	13.5	13.3	13.3	14.0	14.9	15.5	16.0	16.0	15.6	15.0
Arkansas City	do	48	39.5	38.4	36.9	35.3	33.6	31.9	30.4	28.8	27.4	26.1	25.2	24.1	23.3	22.6	22.0	21.3	20.9	20.4	19.8	19.2	18.7	18.2	17.6	17.0	17.0	17.1	17.7	18.4	18.9	19.1	19.0

Daily Precipitation for May, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita								.35	.20	.25																					.15	0.95
Arkadelphia	Ouachita			.32				.07	.40	.85		.42				.10																.25	2.41
Arkansas City	Desha		.03	1.08					.51	.41	.05	2.25		.55		.46																.60	5.34
Arlberg	White							.25	.60			.15								.26			T.									.10	1.60
Batesville	White	T	T.					.38	.16			.14	.16							.07													1.20
Bee Branch	Arkansas	.04						.17	.76			.53																				.70	1.57
Bentonville	Arkansas	.14				T.	.26	.02				.27	.05					.02	.18				T.									.97	2.61
Black Rock	White			.27				.32	.12			.13	.23						.02	.89				T.								.02	2.00
Blytheville	Mississippi											.25	.10					.10		.26			T.									.50	1.21
Booneville	Arkansas	.05	.02			T.	1.35	.17	.16	.02	.04									.16												.08	2.05
Brinkley	White	T.	.06				.21	.24					.28			.06				1.43			T.										2 28
Calico Rock	White	T.	T.				.09	.06				.03	.53		T.				.49	.10												.30	.09	1.69
Camden	Ouachita	.03	2.60	.01		.03		.13	.16			.86			.19					.02													4.01
Center Point	Red	.02	.32	.15		1.26	.05	1.42	.37	.42					.15					.30												.04	T.	4 22
Clarendon	White		.12	.08			.07	.32		.07	.01	.02				.06			.02													.72	1.05
Clinton	White							.55			.31																						1.60
Conway	Arkansas	.04						.78		.48	.28																					.31	1.58
Corning	White			.02				.06		.15	.06									.29													0.89
Dam No. 1	White	T.				.11	.93			.09	.44		T.	T																			1.57
Danville	Arkansas	T.					.85	.30																									1.15
Dardanelle	Arkansas						.20	1.40			.10									T.											1.18		1.70
Dumas	Mississippi		.69	.05		.05	.23	T.	.02	.45	.05	.06	T.	.28				T				T										.34	3.06
Dutton	White		.01				1.11	.58			.18	.14					.16					.18										.53	2.89
El Dorado	Ouachita	1.38	.15	.05			.02	.02			.50																					.02	2.48
England	Arkansas	.06				T.	.04	.10		1.63	.22			.04						.11			.03										2.09
Eureka Springs	White	.26	.11				.30				.42	.32	.01								.85		T.									.82	.66	3.07
Evening Shade	White	T.					.30	.14			.45		.05					70															.12	2.61
Fayetteville	White	T	.18	T.			.09	T.			.18	T.	T.	T.					.02													.45	.68	1.60
Fort Smith	Arkansas	T.	.01	.05			.08	.94		T.		.05							.08		.02		.01				T.					.85	.79	2.86
Freeman Sprgs.	Arkansas		.08	.03				.78	.72					.03	.03	.04																.60	2.33
Fulton	Red	T.	.50	T.			T.	.72	1.25	1.65		.38	.08			.20																	4.78
Georgetown	White			.20				.10	.65			T.	.25							.05												T.	1.25
Gilbert	White		T.	.33				.09	.45		.10	.50				.10				.04			T.							.90		1.10	2 61
Grady	Arkansas		.30					.31		.35	.30																						2.26
Granuis	Red		.13	.25			.38	1.50	.12	.27	.75	.03		.04	.12																	.41	2.58	3.59
Gravette	Arkansas		.07				T.	.23	.12	.09		.03	.15	T.					1.26				T.	T.								.18	.98	4.87
Harrison	White						.64	.50	.02		.08	.12							.06													.10		2.65
Helena	Mississippi		.30	.34			.10	.06		.12	.02	.06				.10				.01												.27	1.21
Higden	White		.03				.13	.47			.22			T.					T.				T.										T.	1.12
Hope	Red	1.72	.06			.23		.66	.33	.37		T.	T.	.25																			3 62
Hot Springs	Ouachita	.12	.03			T.	.05	.65	.01	.58	.33			.05																		.12		1 94
Huttig	Ouachita		.40						.10		1.80					.25																	2.55
Jonesboro	White	T.	.08					.11	.11	.01		.23	.09					.01		.27			.01									.10	1.02
Junction	Ouachita	.90	.70						.82	1.09				.29						.77													4.57
Lambrook	White						.08			.35		.07		.15																			0.65
Little Rock	Arkansas	.02				.02	.28	.24	.73	.06	.17			T.						.01												.07	.01	1.56
Lutherville	Arkansas	.01				T.	.42	.32		T.	11	.06								T.												.06	.85	1.83
McGehee	Mississippi	2.06				.08		.27	.08	2.45		.84		.40																			6.18
Magnolia	Red	1 05			.15		.25	.02	.95	.71				.13																			3.26
Malvern	Ouachita	.05	.02				.03	.65				.20	.04			.08																.02	1.09
Mammoth Spg.	White	.35				.25						T.	.35	.11					.25													.18	.61	2.10
Marianna	Mississippi			.37			.07					.06				.05				.12													0 67
Marked Tree	Mississippi			.67					.05			.01	.10						.07	.45												.55	1.90
Marshall	White	T.					.43	.51				.48								.03												T.	.90	2.35
Mena	Ouachita		.04	.16			1.40	1.04	.44	.03	.56					.10							.01									.67	4.45
Morrilton	Conway						15	.92			.39																						1.46
Mountain Home	White						.40					1.15	.07					.25	.15													1.93	3.95
Mount Ida	Ouachita	.27				.37	1.04	.72	.41	.50			.13		.04					.10	.20												3 35
Newport	White			.06			.25	.40			.35	.13								.21	.04											.03	1.46
Osceola	Mississippi										.09	.06								T.												.02	0.48
Ozark	Arkansas		.06				1 42	.65			.07	.11																				.85	3.16
Patterson	White			.32			.22	.05		.03	.05	.40																					1.07
Piggott	Mississippi		T.					T.	1 15		12							T.	.55												.95	.23	3.00
Pindall	White		.53				.30	.60			.29																					.11	.86	2.69
Pine Bluff	Arkansas		.05	.10			.02	.34			.22	.05	T.		.32																		1.10
Pocahontas	White			.20			.75	.05			25									1.16												.55	2.96
Portland	Ouachita		.36	.20	.06		.05	.30	.18	.05	.81					.21					.10											T.	2.32
Prescott	Ouachita		.14	.35	.02		.51	1.03		.06	.53				.19																	.21	3.04
Princeton	Ouachita								.92		.40					.35																	1.67
Rison	Ouachita		1.77					.57	.15	.40		.27		.26						.22												T.	T.	3.42
Rogers	Arkansas		.06				.24					.36									.14											.11	1.12	2.11
Searcy	White		.05			.05		.78		.60		.15									.05													1.77
Springbank	Red		.12	1.25	.17		.07	.38	1.43	T.		.19				.05				.15													3.71
Story	Ouachita		.57					.06	.60		.71										.10											.11	.48	2.68
Stuttgart	Arkansas		.08	.12					.04		1.52	.03	07			.07				.04														2 03
Subiaco	Arkansas		.10					.53	.12		.02	.43									T.												.10	.21	1.55
Texarkana	Red	T.		1.20			.20	.48	1.80	.40	.63		.05			.20																		4.96
Thornburg	Arkansas						.10		.50	.50	.65	.10								T.		T.												1.85
Waldron	Arkansas		.48	.06			.77	.88	.14	.28	.16	.18	T.																			.19	.24	3.38
Warren	Ouachita		1.30						.32		1.30		.28		.50																	.12	3.82
Waters	Ouahita		.55					1.35	1.15	.60	.70																						4.35
Whitecliffs	Red	1.00	T.	.23				.72	.96	.85		.48				.20																	4.44
Wynne	Mississippi		.14	.15				.13	.14			T	.19	T.						.55												.10	1.40
Yancopin	Arkansas		.25	.25				.03	.30	T.		.50	.05			.20				T	.40												1.98

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0 01 inch
‡ Precipitation included in the next following measurment.

Daily Temperatures for May, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	49	60	61	58	65	45	60	55	61	60	59	57	54	50	42	45	55	60	60	51	60	56	56	58	78	63	62	65	68	65	66	58.2
Batesville§§	Maximum	83	79	80	76	80	78	75	81	85	78	75	69	74	68	76	80	87	83	77	80	83	85	83	91	91	91	93	95	97	92	88	82.4
	Minimum	48	53	56	40	36	38	50	56	56	53	56	49	52	48	37	40	51	58	57	49	53	62	46	49	53	53	61	58	60	65	65	51.9
Bentonville	Maximum	78	74	75	80	80	73	70	78	80	80	66	65	70	63	72	79	83	79	75	80	80	78	85	88	77	86	88	90	92	88	82	78.8
	Minimum	60	59	57	53	50	54	61	55	57	55	52	51	46	46	41	47	62	51	49	48	59	56	55	59	62	62	62	64	66	64	63	55.7
Bee Branch	Maximum	85	81	79	79	83	80	78	83	86	84	78	68	73	69	75	82	89	85	80	85	88	85	89	95	95	95	96	98	102	96	91	84.9
	Minimum	55	57	60	49	42	51	57	54	57	54	59	52	52	53	39	45	51	56	57	50	54	66	56	56	59	59	62	61	65	68	64	55.5
Blytheville	Maximum	86	81	..	77	83	82	76	85	89	84	78	..	76	73	74	83	89	87	76	81	83	83	84	94	94	94	95	99	99	95	95	85.4
	Minimum	57	61	59	46	47	56	61	60	61	65	60	56	55	56	45	48	57	63	60	51	57	57	52	54	61	65	68	67	68	72	71	58.6
Booneville	Maximum	81	77	79	79	79	75	74	81	85	77	77	64	71	69	76	84	88	84	80	84	87	86	88	92	90	91	93	95	97	91	92	82.8
	Minimum	58	59	60	50	44	54	58	55	56	55	58	55	48	50	38	41	53	59	57	51	54	63	58	58	61	60	61	63	64	72	68	56.2
Brinkley	Maximum	85	81	80	79	83	79	80	83	89	82	83	75	78	75	78	83	87	85	80	82	84	86	87	94	92	94	94	97	99	92	88	85.0
	Minimum	55	64	60	44	42	54	58	56	60	62	58	52	53	51	42	44	56	62	60	50	53	63	51	52	59	61	63	63	66	68	70	56.5
Calico Rock§§	Maximum	84	82	81	79	82	77	77	84	89	85	77	70	74	61	77	84	91	84	78	84	86	84	84	92	92	93	94	97	99	90	88	83.8
	Minimum	44	54	53	42	37	39	48	59	54	52	53	54	48	47	38	40	43	59	56	50	53	57	47	57	55	53	59	58	61	56	66	51.4
Camden§§	Maximum	82	73	75	77	79	72	78	82	84	77	81	74	73	76	73	80	84	83	77	81	84	87	87	90	90	91	94	95	95	90	89	82.4
	Minimum	50	58	61	52	45	50	59	58	60	61	57	55	57	52	44	46	46	60	65	49	53	58	56	54	62	63	62	64	66	69	69	56.9
Center Point	Maximum	71	74	76	77	77	70	78	83	86	81	79	72	73	72	77	82	85	83	77	85	86	89	90	91	90	91	94	96	97	91	88	82.6
	Minimum	59	60	62	55	53	58	60	57	61	61	58	55	51	51	41	48	59	60	62	56	58	64	64	65	68	66	67	69	72	70	72	60.1
Conway	Maximum	83	80	80	77	80	73	78	85	88	81	80	70	75	70	77	83	88	88	79	84	85	87	87	91	92	93	94	96	97	90	89	83.9
	Minimum	55	61	61	49	41	51	57	50	60	57	66	52	56	51	40	49	52	61	60	50	57	64	53	54	60	60	62	61	65	69	73	56.7
Corning	Maximum	86	82	81	75	82	84	83	82	85	84	81	75	75	75	76	84	84	87	84	80	84	84	81	93	95	93	93	98	98	95	90	84.8
	Minimum	55	60	55	42	40	49	62	58	58	57	60	53	52	49	39	40	57	63	56	50	53	59	47	51	55	60	67	63	77	67	66	55.5
Dardanelle	Maximum	84	81	79	79	79	76	74	85	89	84	80	72	77	71	74	84	91	87	80	84	89	88	89	93	93	95	95	97	99	96	93	85.1
	Minimum	60	60	63	51	45	55	60	56	59	60	62	59	52	53	48	43	59	62	60	53	59	67	58	60	63	64	55	64	65	66	64	58.2
Dumas	Maximum	84	73	75	76	83	71	83	85	89	82	83	75	76	80	75	83	88	87	75	80	86	87	87	93	93	95	97	98	99	92	91	84.6
	Minimum	55	63	59	45	44	55	56	57	62	63	59	58	53	51	44	46	54	59	60	47	51	60	52	52	60	61	62	64	66	68	71	56.7
Dutton	Maximum	77	75	76	78	77	70	67	77	80	76	72	64	67	61	72	76	79	79	75	78	79	79	82	86	85	84	85	89	91	81	80	77.3
	Minimum	50	49	55	39	37	46	55	47	50	45	49	50	37	39	29	34	49	54	49	39	47	51	44	50	51	53	52	52	55	59	59	47.6
El Dorado	Maximum	84	79	75	78	82	76	82	86	84	79	82	76	84	77	75	81	85	83	76	81	85	83	89	93	92	93	95	98	97	90	91	83.9
	Minimum	59	63	64	52	48	60	59	[illegible]	61	64	62	57	56	54	46	50	58	62	63	52	57	63	63	58	64	63	65	69	70	71	71	60.2
England	Maximum	84	78	79	72	81	75	79	81	88	82	[illegible]	73	75	74	75	83	87	85	76	82	85	87	82	91	92	94	94	98	98	92	89	83.6
	Minimum	59	62	60	47	42	50	59	[illegible]	60	62	58	53	52	49	41	45	55	60	60	49	54	62	53	50	60	60	63	61	64	68	70	56.1
Eureka Springs	Maximum	[illegible]	76	78	81	82	71	70	89	81	82	77	65	70	64	74	80	84	78	73	80	79	82	86	89	88	87	90	90	93	89	81	80.0
	Minimum	[illegible]	57	54	47	49	50	57	55	55	54	53	49	48	44	43	50	63	65	48	48	60	56	54	65	63	66	63	65	63	65	62	55.8
Evening Shade	Maximum	87	78	82	79	[illegible]	79	76	75	80	79	72	76	75	68	75	84	88	84	77	80	84	84	84	92	92	93	95	98	99	92	89	83.2
	Minimum	53	53	54	42	36	45	46	55	55	56	57	49	50	48	41	40	50	60	54	48	56	58	47	51	54	56	64	58	61	75	65	52.8
Fayetteville	Maximum	79	75	76	80	80	75	71	73	80	80	77	65	70	69	73	78	83	80	75	80	80	81	84	87	86	86	88	91	93	87	82	79.7
	Minimum	59	56	55	47	48	57	57	55	61	52	54	49	45	45	41	43	62	63	49	47	50	57	53	65	62	62	58	59	55	64	63	54.9
Fort Smith	Maximum	82	77	79	78	79	72	73	81	81	78	74	66	72	66	74	33	88	81	78	83	86	86	88	92	90	90	92	93	96	86	86	81.6
	Minimum	61	60	63	56	53	58	58	56	59	59	58	54	53	53	46	48	60	63	57	56	58	68	62	64	67	65	66	68	71	67	62	59.6
Grannis	Maximum	78	74	76	77	76	70	75	81	84	74	78	73	72	68	76	79	82	77	77	82	83	89	88	88	86	87	90	93	95	90	92	81.0
	Minimum	53	56	50	49	46	54	59	52	66	56	57	50	48	47	38	43	50	53	55	48	50	54	54	55	59	58	59	64	68	65	67	54.5
Gravette	Maximum	..	79	76	81	82	78	78	79	81	78	74	66	70	67	70	80	80	78	75	78	80	77	84	87	86	85	87	89	91	81	81	79.3
	Minimum	..	54	54	40	40	40	52	53	54	43	43	49	37	38	30	39	59	61	45	42	59	48	51	60	60	57	56	58	62	53	61	49.9
Harrison	Maximum	..	84	82	82	85	72	72	88	89	85	74	67	74	63	79	88	87	89	79	88	88	78	92	97	94	96	97	99	99	95	87	85.0
	Minimum	..	51	53	40	38	43	55	50	55	50	51	49	43	44	36	48	50	53	48	45	50	56	45	54	53	55	56	56	58	65	60	50.3
Helena	Maximum	90	78	82	81	88	81	84	91	93	81	86	79	79	82	81	88	90	89	85	86	87	92	92	97	98	99	100	103	102	95	93	88.8
	Minimum	53	60	60	50	45	53	58	59	61	61	58	56	54	54	54	46	52	59	65	49	51	65	54	50	57	63	64	63	69	67	71	57.5
Hope	Maximum	82	76	75	78	79	71	83	84	86	74	80	73	74	71	77	82	86	85	72	82	86	88	90	93	94	93	95	96	97	92	93	83.5
	Minimum	60	61	61	50	47	56	60	58	61	60	58	56	50	50	44	46	60	62	60	52	59	60	58	61	67	65	63	65	67	70	70	58.6
Hot Springs	Maximum	80	75	79	78	91	73	75	81	85	77	77	69	73	68	75	80	85	82	78	81	84	86	87	90	90	90	93	95	96	90	86	81.9
	Minimum	56	60	59	47	43	54	59	54	59	58	59	51	52	50	43	48	58	61	61	51	55	61	55	56	61	62	63	64	66	69	70	57.0
Jonesboro	Maximum	87	77	77	72	81	80	75	84	89	89	71	72	78	74	77	85	90	87	78	82	80	82	83	95	96	97	96	100	100	95	91	84.5
	Minimum	54	57	56	45	45	53	57	58	59	61	58	51	55	51	43	46	58	63	57	51	54	64	51	51	60	62	69	65	69	69	69	56.8
Junction	Maximum	87	93	75	85	80	72	80	86	88	86	85	79	84	80	86	84	86	85	78	84	86	90	92	96	96	97	48	98	98	92	91	86.8
	Minimum	57	63	57	52	43	58	60	61	62	65	63	57	60	48	46	42	47	48	55	54	50	60	62	55	61	60	62	63	65	67	66	57.1
Lambrook §§	Maximum	82	84	76	74	81	78	80	85	90	79	82	74	76	77	76	82	83	86	70	81	84	86	86	92	93	95	95	98	99	92	95	84.2
	Minimum	50	56	59	45	40	51	58	55	57	62	52	54	51	42	45	40	48	60	65	45	46	59	50	47	54	60	62	62	64	67	70	54.1
Little Rock	Maximum	80	76	77	75	79	73	78	81	81	71	76	69	73	67	74	79	84	81	76	80	72	84	86	89	89	90	90	94	96	86	85	80.8
	Minimum	60	63	61	54	51	57	59	56	63	63	60	55	56	52	46	54	57	60	60	55	59	67	59	62	67	68	69	69	72	72	71	60.5
Lutherville	Maximum	81	76	78	76	78	71	71	79	81	75	75	63	69	64	74	80	85	83	77	81	85	83	85	90	90	90	91	94	95	90	82	80.4
	Minimum	58	58	61	50	50	58	57	51	57	51	59	54	49	51	41	47	55	60	56	55	57	66	57	59	64	63	65	65	67	68	63	57.2
Magnolia	Maximum	72	72	71	74	69	..	67	76	79	78	..	63	73	71	70	71	81	81	78	80	80	73	89	87	86	89	89	90	92	92	..	78.3
	Minimum	..	..	..	..	..	..	52	60	63	52	..	49	52	53	45	44	57	61	59	50	55	55	69	58	65	66	62	62	68	75	..	57.9
Malvern	Maximum	84	78	80	79	81	75	77	85	86	83	80	73	77	76	79	82	88	84	80	84	86	88	89	92	92	94	96	97	98	90	88	84.5
	Minimum	54	62	61	47	41	54	59	55	62	62	59	53	52	49	39	42	51	57	63	49	53	62	54	53	59	60	63	63	66	67	71	56.2
Mammoth Spg.	Maximum	85	87	85	82	80	79	74	86	86	82	81	72	72	65	75	84	86	83	76	79	84	81	80	90	91	92	91	94	94	91	83	83.0
	Minimum	52	53	55	43	39	45	55	57	54	51	56	53	50	48	40	44	51	60	55	50	59	58	48	53	50	55	62	61	62	65	65	53.2
Marianna	Maximum	82	86	84	79	79	78	76	84	88	80	79	73	77	74	76	87	86	86	85	80	84	84	90	91	93	95	84	96	96	91	92	84.7
	Minimum	55	62	61	51	46	57	58	58	62	63	60	56	56	53	47	47	46	61	60	50	54	63	53	52	59	65	65	65	69	71	70	57.9
Marked Tree§§	Maximum	73	75	74	80	77	73	85	87	81	70	70	75	69	70	80	87	84	71	80	84	84	86	94	94	94	96	97	99	83	98	85	82.4
	Minimum	54	59	46	43	49	61	58	59	62	60	51	53	50	44	41	53	61	60	50	51	58	61	51	52	60	64	62	69	69	69	69	56.4
Marshall	Maximum	85	85	78	75	80	77	74	80	81	81	76	63	71	70	74	80	89	84	80	82	85	82	81	90	90	90	92	94	95	93	87	82.3
	Minimum	55	55	54	43	40	57	57	55	54	52	56	53	44	45	36	40	54	66	53	47	61	57	48	66	65	57	58	57	66	73	64	54.5
Mena	Maximum	80	77	70	78	79	65	75	81	85	70	79	66	72	63	75	81	84	80	74	84	85	85	88	90	88	90	91	94	96	84	85	80.5
	Minimum	56	60	60	50	45	56	54	53	57	55	60	58	47	50	40	44	58	62	58	52	52	62	60	58	62	60	60	63	65	68	71	56.6
Mountain Home	Maximum	84	80	79	77	81	75	74	85	86	83	73	67	75	64	76	83	89	85	77	82	85	83	85	85	91	92	94	97	100	96	96	83.2
	Minimum	52	54	53	42	39	47	53	51	52	49	50	50	44	47	35	39	50	57	51	47	54	51	46	50	55	54	60	58	61	62	61	50.8
Mount Ida	Maximum	81	79	77	79	80	69	76	82	85	79	81	67	75	70	77	81	85	84	79	85	85	89	90	91	90	91	94	95	96	91	90	83.0
	Minimum	51	58	59	42	38	46	58	51	56	55	56	51	47	46	36	37	48	55	60	45	51	60	56	50	57	56	58	57	60	67	75	53.1
Newport	Maximum	92	81	83	81	90	85	83	87	91	85	78	75	80	72	78	88	93	90	83	87	90	88	93	100	100	102	103	104	107	100	94	89.1
	Minimum	56	58	58	45	42	51	57	57	59	59	59	52	58	53	45	46	54	61	58	51	56	65	51	52	57	59	64	62	70	69	67	56.5
Osceola	Maximum	85	74	77	74	80	81	75	85	90	84	75	75	78	75	73	83	88	87	75	79	83	86	82	92	95	95	96	96	95	93	89	83.7
	Minimum	55	61	59	47	44	56	61	61	59	63	61	53	51	55	45	43	56	62	59	48	56	66	52	53	60	64	67	65	72	71	70	57.9
Ozark	Maximum	82	79	82	79	79	74	74	82	84	79	77	78	72	66	77	80	88	83	80	82	85	87	88	92	90	92	91	95	97	88	85	82.8
	Minimum	59	58	61	49	48	59	59	53	56	54	53	55	49	49	40	42	44	58	56	50	55	64	55	58	60	61	63	64	66	68	65	55.8
Pine Bluff	Maximum	84	76	79	79	84	72	81	84	87	82	84	74	73	77	78	83	87	85	77	83	86	92	92	95	94	94	96	99	100	88	90	85.0
	Minimum	58	62	62	52	47	55	59	57	61	63	59	56	55	54	45	48	58	61	66	52	58	66	58	56	62	66	66	66	70	70	71	59.4
Pocahontas	Maximum	83	80	79	77	81	79	77	80	85	84	77	69	75	69	75	82	85	84	81	79	82	82	81	90	90	91	93	96	98	95	89	82.8
	Minimum	52	54	55	45	43	50	56	59	56	55	58	53	53	52	43	42	52	59	55	50	56	60	50	52	55	58	67	63	65	66	67	54.9
Portland	Maximum	88	89	76	75	84	77	84	88	90	86	84	79	76	82	76	85	87	88	80	82	88	89	87	96	95	98	99	99	100	102	95	87.2
	Minimum	54	62	63	51	45	57	55	59	62	63	62	59	57	52	45	49	53	55	64	51	58	59	56	53	61	61	64	64	67	69	70	58.1
Prescott	Maximum	80	75	77	77	79	70	77	81	86	72	80	82	75	76	83	84	86	82	77	82	81	88	89	91	90	90	94	96	98	97	95	83.5
	Minimum	49	55	59	51	46	50	57	57	55	57	59	56	59	51	44	50	54	56	64	54	55	64	56	61	67	67	67	68	69	68	67	57.8
Rison	Maximum	..	..	..	83	82	81	80	86	86	89	85	88	75	80	75	83	87	85	87	80	83	86	89	93	93	94	97	100	99	98	95	87.1
	Minimum	..	..	..	49	46	57	58	57	63	61	53	55	56	53	44	49	58	61	63	51	58	63	56	55	63	64	64	65	79	69	71	58.8
Rogers	Maximum	80	75	77	81	81	73	71	80	81	81	72	65	72	64	74	81	84	80	76	80	81	81	86	89	88	88	90	92	94	87	82	80.2
	Minimum	56	54	56	43	43	46	59	51	54	49	53	50	41	45	34	40	57	64	50	45	54	55	47	55	57	56	57	58	61	63	62	52.1
Searcy	Maximum	83	81	90	75	80	76	79	83	87	84	80	72	75	71	76	83	87	85	78	92	86	86	85	92	94	94	95	97	97	94	90	84.7
	Minimum	52	57	60	47	40	49	57	55	58	57	60	53	52	50	40	43	50	57	57	51	52	63	55	50	56	57	62	60	63	66	70	54.8
Stuttgart	Maximum	84	74	77	73	80	74	81	84	87	71	80	72	74	71	75	80	85	83	72	80	83	84	86	90	91	92	94	96	97	91	88	82.2
	Minimum	56	61	60	46	44	56	58	56	62	62	57	54	54	50	43	45	50	61	63	50	55	64	52	52	60	61	64	64	65	69	71	56.9
Subiaco	Maximum	..	..	..	79	80	77	73	84	85	81	75	73	73	76	83	91	88	82	84	89	88	89	93	93	95	93	98	100	95	91	93	85.7
	Minimum	61	60	60	51	48	55	59	55	56	60	60	55	51	44	47	56	64	56	53	56	67	55	60	65	64	65	66	68	75	65	66	58.8
Texarkana	Maximum	81	79	78	81	79	70	82	85	88	76	81	71	75	72	75	82	85	85	82	85	85	93	92	93	91	90	94	97	97	92	89	84.0
	Minimum	58	60	60	57	50	56	61	58	60	63	55	55	53	50	45	44	57	62	63	58	57	60	62	60	60	65	65	65	66	68	71	58.8
Thornburg	Maximum	80	76	78	75	76	75	76	81	84	70	77	62	71	65	72	80	85	82	77	64	83	85	85	89	89	89	90	94	96	86	87	80.0
	Minimum	59	60	60	45	40	53	57	52	60	58	57	51	54	51	43	44	57	69	58	49	56	64	55	56	62	60	60	61	64	69	70	56.6
Warren	Maximum	84	78	75	80	81	78	80	84	86	84	84	83	73	79	74	81	86	86	87	80	85	86	88	92	91	94	95	97	97	95	90	84.9
	Minimum	56	62	62	50	46	57	57	58	64	62	60	58	56	55	45	52	58	66	61	51	58	64	57	56	64	67	66	70	69	69	71	59.6
Wynne	Maximum	85	77	79	75	81	83	75	83	90	85	75	79	78	75	76	83	87	88	87	80	83	84	85	91	93	93	94	97	98	98	89	84.7
	Minimum	56	61	59	49	47	58	57	56	60	59	59	52	53	49	41	51	56	61	61	50	52	62	54	53	59	62	64	63	69	67	70	57.1

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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AUG 3 1926

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXI LITTLE ROCK, ARK., JUNE, 1926 No. 6

GENERAL SUMMARY

The temperature in Arkansas during Jnne, 1926, averaged .5° below the mean of the last 35 years and the rainfall 1.42 inches below. Most of the warm weather occurred during the rst half of the month, high day temperatures occurring from ne 12th to the 16th and again on the 30th. Following an unsually dry April and May, June was also dry, the accumulated eficiency for April, May, and June being 6.25 inches. Most f the rain fell as light showers scattered throughout the month. The dry weather was favorable for cotton, very good to exellent progress being reported in all sections. The crop was lean, well cultivated, and squares and blooms were appearing t the close of the month in all except the extreme northern ounties. Weevil and cotton hopper appeared in some fields, ut little damage has been reported thus far. It was too dry n northern and northeastern counties for corn, but elsewhere ne crop made very good progress. Most minor crops made ntisfactory growth except in a few localities where it was too ry.

All streams of the State were at low stages, the Arkansas at ittle Rock being below zero the first few days of the month, his being the second June on record with below zero readings.

W. C. H.

TEMPERATURE

The mean temperature for June, as determined from the reords of 59 stations, was 76.6° which is 0.5° below normal, ositive and negative departures occurring throughout most of he State. Monthly means ranged from 68.8° at Dutton to 1.0° at Rison and extremes from 42° at Dutton on the 6th to 04° at Newport on the 12th. The lowest occurred over most f the State on the 5th or 6th, the highest on different dates.

PRECIPITATION

The average precipitation for 85 stations was 2.60 inches which is 1.42 inches below normal. Positive departures occurred t ten scattered stations, five of which are in the northwestrn section of the State, negative elsewhere. The greatest monthly total was 6.08 inches at Gravette. The least, 0.79 nch, was measured at Amity, Evening Shade, and Newport. The greatest amount measured in 24 consecutive hours was 4.20 inches at Malvern on the 19th. The average number of rainy days was 6.

CORRECTIONS FOR MAY, 1926

Junction: Monthly minimum temperature should be 42 on 16th. Morrillton: Mean temperature should be 71.0. Pindall: Number clear days should be 16: partly cloudy 9: cloudy 6. Subiaco: Mean maximum temperature should be 85.8: Mean temperature 72.3; Departure from normal +2.8.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

Thunderstorms:—1st, 10; 2d, 20; 3d, 26; 4th, 5; 6th, 1; 7th, 7; 8th, 12; 9th, 2; 10th, 7; 12th, 2; 13th, 4; 14th, 9; 15th, 26; 16th, 3; 17th, 11; 18th, 22; 19th, 5; 21st, 23; 22nd, 9; 23rd, 1; 24th, 1; 25th, 8; 26th, 24; 27th, 2; 30th, 2.

Solar Halos:—2nd, 1; 7th, 1; 13th, 1; 15th, 1; 17th, 1; 22nd, 1; 24th, 1; 25th, 2; 26th, 1; 29th, 1.

Lunar Halos:—17th, 1; 24th, 1.

Dense Fog:—5th, 1.

Hail and Wind Storms

Place	Date	Time	Character	Width Path	Remarks
Sulphur Township Miller Co.	24	12 m	Heavy Hail	7 miles	Loss of crops estimated at $100,000

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	29.97	30.15	27	29.58	13	3,229	19	s.	16	.....	.....	72
Fort Smith.	29.92	30.11	27	29.61	13	4,581	30	nw.	15	78	56	79
Little Rock.	29.94	30.12	28	29.65	14	5,455	38	nw.	15	74	49	74
Memphis.	29.94	30.15	10	29.67	14	5,112	32	n.	21	73	51	78

COMPARATIVE DATA FOR JUNE

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**77.1**		**110**		**37**		**4.02**		**14**	**10**	**6**	**8**
1891	77.9	+0.8	103	27	56	9	3.71	−0.31	11	11	8	17
1892	76.9	−0.2	103	14	40	2	3.87	−0.15	16	10	4	8
1893	76.3	−0.8	99	13	49	8	5.20	+1.18	12	12	6	9
1894	76.6	−0.5	106	30	42	1	1.39	−2.63	17	10	3	4
1895	76.9	−0.2	100	2	47	6	5.94	+1.92	12	10	8	10
1896	77.7	+0.6	103	27	48	3	1.91	−2.11	14	10	6	5
1897	78.0	+0.9	106	22	41	1	3.46	−0.56	12	13	5	6
1898	78.7	+1.6	100	25	60	3	4.86	+0.84	8	14	8	11
1899	77.3	+0.2	102	24	50	18	2.74	−1.28	13	12	5	6
1900	76.6	−0.5	100	10	43	4	7.10	+3.08	7	14	9	13
1901	79.4	+2.3	110	29	41	1	1.44	−2.58	16	12	2	4
1902	77.5	+0.4	105	19	42	23	5.27	+1.25	16	9	5	6
1903	70.5	−6.6	99	21	37	12	2.53	−1.49	13	10	7	7
1904	75.3	−1.8	99	13	50	7	7.14	+3.12	11	13	6	10
1905	77.9	+0.8	104	15	44	1	5.90	+1.88	12	10	8	10
1906	76.2	−0.9	101	18	44	22	4.60	+0.58	14	11	5	8
1907	75.2	−1.9	103	24	39	2	4.48	+0.46	14	11	5	8
1908	76.0	−1.1	98	23	46	14	3.85	−0.17	13	11	6	8
1909	76.9	−0.2	104	8	49	4	4.08	+0.06	12	12	6	10
1910	74.1	−3.0	99	18	44	12	4.85	+0.83	12	13	5	10
1911	80.9	+3.8	106	7	47	13	2.53	−1.49	16	11	3	6
1912	73.1	−4.0	97	17	42	8	5.83	+1.81	11	12	7	9
1913	77.0	−0.1	103	28	39	12	1.68	−2.34	16	11	3	4
1914	82.3	+5.2	109	28	52	28	1.00	−3.02	19	10	1	2
1915	76.0	−1.1	106	21	45	9	4.92	+0.90	12	9	9	9
1916	75.4	−1.7	99	21	43	8	5.15	+1.13	12	10	8	8
1917	75.2	−1.9	105	30	37	16	4.87	+0.85	18	7	5	6
1918	80.5	+3.4	110	20	49	13	3.55	−0.47	15	9	6	7
1919	76.9	−0.2	101	26	45	4	5.11	+1.09	11	10	9	10
1920	74.7	−2.4	101	26	42	24	3.41	−0.61	19	6	5	6
1921	78.5	+1.4	103	3	46	8	4.84	+0.82	12	10	8	11
1922	78.6	+1.5	104	14	44	4	2.64	−1.38	16	8	6	7
1923	76.7	−0.4	99	25	46	29	5.20	+1.18	13	11	6	9
1924	78.5	+1.4	105	12	42	2	3.64	−0.38	15	6	9	8
1925	82.3	+5.2	108	20	46	1	2.08	−1.94	17	9	4	4
1926	76.6	−0.5	104	12	42	6	2.60	−1.42	17	8	5	6

Climatological Data for June, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Totals	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	31	.....	.....	.....	.....	53	6	.....	0.79	−4.85	0.50	0.0	3	13	14	3	s.	G. C. Thrash.
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	3.40	−1.70	1.25	0.0	5	14	7	9	s.	F. J. Carpenter.
Arkansas City	Desha	145	42	.....	.....	.....	.....	.....	.....	.....	3.14	−3.05	0.86	0.0	5	22	4	4	.....	Carl R. Cutting.
Arlberg	Stone	700	4	.....	.....	.....	.....	.....	.....	.....	3.39	.....	1.08	0.0	6	17	10	3	ne.	J. D. Reeves.
Batesville	Independence	277	27	74.6	−0.8	100	30	46	6	48	0.94	−3.09	0.28	0.0	5	16	4	10	w	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	77.7	+0.9	102	30	50	6	42	1.60	−2.52	0.68	0.0	5	16	11	3	w.	J. E. Scanlan.
Bentonville	Benton	1303	21	71.9	−2.2	92	13	47	5	30	4.87	+0.31	1.46	0.0	9	17	9	4	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	24	.....	.....	.....	.....	.....	.....	.....	1.74	−1.60	0.86	0.0	6	21	3	6	.....	Vernon C. Howe.
Blytheville	Mississippi	252	1	77.4	.....	100	30	51	5	37	1.95	.....	0.93	0.0	8	18	8	4	sw.	J. M. Brooks
Booneville	Logan	465	12	76.6	−1.0	98	30	51	6	41	3.32	−0.87	1.23	0.0	8	18	8	4	s.	F. H. Randolph.
Brinkley	Monroe	205	39	77.3	−0.4	98	30	52	28	41	2.83	−0.61	2.24	0.0	4	17	8	5	n.	H. L. D. Whitson.
Calico Rock	Izard	361	22	75.0	−1.2	99	29†	48	5†	47	1.25	−2.30	0.29	0.0	9	13	14	3	s	W. J. Copp.
Camden	Ouachita	158	41	77.0	−1.2	94	12†	53	6	38	2.63	−2.06	0.78	0.0	7	17	7	6	sw.	A. B Quarterman.
Center Point	Howard	470	27	79.1	+0.5	98	14	55	6	34	2.35	−2.03	0.91	0.0	6	13	10	7	sw.	John C. Floyd
Clarendon	Monroe	200	22	.....	.....	.....	.....	.....	.....	.....	3.83	+0.49	2.38	0.0	6	13	11	6	sw.	J. W. Bishop.
Clinton	Van Buren	516	5	.....	.....	.....	.....	.....	.....	.....	1.10	.....	0.63	0.0	4	13	14	3	w.	A. L. Stephens.
Conway	Faulkner	309	43	77.6	−0.6	98	30	52	6	40	2.09	−1.96	1.01	0.0	7	20	9	1	s.	E. E Cordrey.
Corning	Clay	293	33	76.7	+1.1	103	30	47	28	43	0.93	−3.19	0.51	0.0	4	19	8	3	sw.	Winfred D. Polk
Dam No. 1 ‡‡	White	190	3	.....	.....	.....	.....	.....	.....	.....	1.55	.....	0.70	0.0	4	25	3	2	sw.	J. O. Yingling.
Danville	Yell	327	10	.....	.....	.....	.....	.....	.....	.....	3.00	−0.36	0.88	0.0	5	14	13	3	e.	C P. Evans.
Dardanelle	Yell	330	40	78.6[e]	+0.8	101[e]	12	57	5	41[e]	1.40	−2.24	0.75	0.0	2	12[e]	2[e]	11[e]	w.	J D. Riley.
Dumas	Desha	162	20	79.0	+0.2	99	12†	50	6	43	1.15	−2.98	0.31	0.0	7	9	20	1	s.	Ben Johnson.
Dutton	Madison	1590	23	68.8	−3.0	90	1[·]	42	6	40	5.78	+0.28	1.85	0.0	7	20	8	2	s.	J. M. Ricketts.
El Dorado	Union	270	25	80.2	+1.2	99	16	55	6	35	1.48	−1.76	0.60	0.0	5	11	12	7	sw.	J. J. Babb.
England	Lonoke	229	19	77.8	−0.1	97	12†	52	6	36	2.10	−1.56	1.17	0.0	7	22	6	2	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	26	72.7	−1.3	90	8	47	5	31	5.10	−0.61	1.32	0.0	7	19	9	2	se.	Geo. W. Nicholads.
Evening Shade	Sharp	600	3	75.2	.....	101	30	46	5†	47	0.79	.....	0.36	0.0	5	6	21	3	sw.	B. F. Graddy.
Fayetteville	Washington	1451	39	72.3	−1.9	89	30	47	5	30	2.98	−1.59	1.67	0.0	4	19	7	4	sw.	University of Arkansas
Fort Smith	Sebastian	457	45	76.9	−0.6	95	16	57	5	33	4.13	+0.13	1.57	0.0	7	16	5	9	e.	U. S. Weather Bureau.
Freeman Springs	Pope	2240	2	.....	.....	.....	.....	.....	.....	.....	2.38	.....	0.84	0.0	8	20	6	4	s.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	5.08	+1.15	2.60	0.0	8	17	5	5	.....	T. J. Logan.
Georgetown	White	200	14	.....	.....	.....	.....	.....	.....	.....	3.82	+0.37	2.43	0.0	5	13	9	8	s.	W. R. Owens.
Gilbert	Searcy	675	8	.....	.....	.....	.....	.....	.....	.....	1.45	.....	0.58	0.0	6	17	7	6	.....	Ben F. Battenfield.
Grady	Lincoln	172	2	.....	.....	.....	.....	.....	.....	.....	1.37	.....	0.35	0 0	6	..	..	..	.....	P. T. Simons
Grannis	Polk	900	8	74.8	.....	98	13	46	6	42	4.44	.....	2.00	0.0	5	14	16	0	sw.	W. E. Mc Vay.
Gravette	Benton	1250	29	70.9	−2.7	89	12†	43	5	32	6.08	+0.67	1.89	0.0	6	18	7	5	sw.	A. F. Stevens.
Harrison	Boone	1052	25	73.8	.....	97	7†	48	5	42	3.47	−0.51	1.28	0.0	8	15	9	6	.....	G. L. Wright.
Helena	Phillips	193	54	80.2	+2.0	101	10†	52	6	43	2.80	−1.13	1.76	0.0	9	11	11	8	n.	James A. Burnett.
Higden	Cleburne	445	8	.....	.....	.....	.....	.....	.....	.....	1.40	.....	0.62	0.0	6	14	14	2	w.	Geo. W. Baker.
Hope	Hempstead	377	55	79.1	+0.7	98	29	55	6	41	1.44	−2.45	0.74	0.0	5	22	5	3	s.	N. P. O' Neal.
Hot Springs	Garland	600	35	76.8	−1.1	96	16	52	6	34	3.38	−1.20	1.63	0.0	7	15	9	6	.....	P. P. Patraw.
Huttig	Union	175	19	80.6[h]	+1.2	98[i]	12†	55[i]	7	39[i]	2.70	−1.65	1.25	0.0	4	15[e]	7[e]	3[e]	sw.	J. L. Collett.
Index	Little River	275	1	.....	.....	.....	.....	.....	.....	.....	2.74	.....	1.08	0.0	7	18	7	5	.....	H. D. Sanderson.
Jonesboro	Craighead	345	31	76.4	−1.2	101	30	52	5	38	3.14	−0.56	0.97	0.0	10	17	10	3	ne.	Benedictine Sisters.
Junction ‡‡	Union	182	32	78.8	−0.6	100	11†	54	29	40	3.55	−0.41	1.20	0.0	5	23	6	1	w.	J. A. Lowderback.
Lambrook	Phillips	155	3	76.5	.....	97	10†	49	6	42	1.86	.....	1.25	0.0	5	20	6	4	.. ..	G. B. Lambert Co.
Little Rock	Pulaski	357	47	77.9	+0.5	95	12	57	5	29	1.47	−2.62	0.41	0.0	6	15	9	6	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	73.8	−2.0	95	1[·]†	53	6	32	1.85	−2.62	0.77	0.0	7	15	14	1	sw.	H. G. Lenhardt.
Mc Gehee	Desha	148	2	.....	.....	.....	.....	.....	.....	.....	2.31	.....	0.88	0 0	7	20	10	0	.....	P. T. Simons.
Magnolia	Columbia	315	7	78 0	.....	98	15	54	7	35	2.13	.....	0.97	0.0	5	8	16	6	ne.	State Agri. School.
Malvern	Hot Springs	277	39	78.2	+0.7	98	12†	50	6	39	5.65	+1.49	4.20	0.0	5	19	11	0	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	600	21	73.0	−1.3	97	1[·]†	47	5	43	1.66	−2.66	0.77	0.0	8	14	10	6	w.	F. M. Daniel.
Marianna	Lee	235	14	78.0	0.0	97	17	55	7†	38	3.72	−0.80	2.70	0.0	7	15	12	3	s.	C. N. Houck.
Marked Tree	Poinsett	229	21	75.7	.....	98	30	50	27	44	1.78	−1.15	1.16	0.0	5	21	6	3	se.	Charles Walton.
Marshall	Searcy	1070	12	74.4	−2.2	95	12	48	28	40	1.60	−2.30	0.60	0.0	4	17	11	2	n.	A. J. Park.
Mena ‡‡	Polk	1185	38	75.7	−0.7	95	14†	51	6	36	3.33	−1.51	0.93	0.0	8	23	2	5	sw.	E. W. St. John.
Morrilton	Conway	347	5	78.6	.....	99	30	54	6	41	1.35	.....	0.60	0.0	4	17	10	3	sw.	John Cook
Mount Ida	Montgomery	650	27	75.8	−0.7	97	14†	50	5	41	1.49	−3.15	0.72	0.0	6	18	10	2	w.	G. A. Whittington.
Newport	Jackson	231	42	78.4	+0.6	104	12	51	28	41	0.79	−2.85	0 20	0.0	5	15	10	5	se.	A. C. Wilkerson
Osceola	Mississippi	240	28	74.6	−2.6	99	23	45	29	45	1.57	−1.89	0.80	0.0	6	19	4	7	s.	June Thomason
Ozark	Franklin	450	30	76.5	−1.5	96	12	53	6	32	4.06	−0.21	1.50	0.0	7	17	4	9	se.	Isham Burrow.
Patterson	Woodruff	196	10	.....	.....	.....	.....	.....	.....	.....	2.61	−1.49	1.25	0.0	5	23	0	7	s.	W. E. Baker.
Piggott	Clay	307	2	..	.....	.....	.....	.....	.....	.....	1.67	.....	0.60	0.0	5	17	12	1	.....	H. H. Harlan.
Pindall	Searcy	1500	4	.....	.....	.....	.....	.....	.....	.....	2.47	.	0.56	0.0	8	15	7	8	ne.	W. W. Wood.
Pine Bluff	Jefferson	215	39	80.0	+1.0	99	10†	56	6	38	1.89	−1.98	1.40	0.0	6	19	4	7	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	33	75.2	−1.2	98	30	50	6†	43	1.34	−2.61	0.66	0.0	5	9	12	9	n.	Benedicitine Sisters.
Portland	Ashley	122	20	80.2	+1.0	101	12†	51	6	39	1.08	−3.06	0.69	0.0	4	10	16	4	ne.	W. E. Edmiston.
Prescott	Nevada	329	38	78.6	+0.1	96	13†	54	5	33	2.91	−0.83	1.57	0.0	4	18	6	6	sw.	C. D. Calhoun.
Princeton	Dallas	287	20	.....	.....	.....	.....	.....	.....	.....	4.45	+0.30	2.40	0.0	4	17	0	13	.....	Foote Coleman.
Rison	Cleveland	243	25	81.0	+1.1	100	18	55	6	41	0.98	−2.97	0.55	0.0	3	10	11	9	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	35	71.9	−1.5	91	12	46	5	33	4.94	+0.33	1.51	0.0	8	13	9	8	s.	Carl A. Starck.
Searcy	White	236	17	77.8	+0.6	100	30	51	6	40	2.07	−1.43	0.91	0.0	4	19	2	9	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19	.....	.....	.....	.....	.....	.....	.....	2.77	−1.59	1.02	0.0	7	21	1	8	.....	Miss Grace Field.
Story	Montgomery	700	2	.....	.....	.....	.....	.....	.....	.....	1.71	.....	0.84	0.0	4	21	9	0	s.	S. C. Story.
Stuttgart	Arkansas	228	39	77.8	+0.2	96	10†	54	5†	34	2.16	−1.95	1.45	0.0	5	15	14	1	.....	Adam F. Buerkle.
Subiaco	Logan	1050	29	78.0[b]	+0.6	99[b]	12	53[b]	6	33[b]	2.14	−1.83	0.99	0.0	4	21[e]	4[e]	2[e]	s.	New Subiaco Abbey.
Texarkana	Miller	332	40	78.4	−0 6	96	14	55	6	36	2.87	−0.76	1.62	0.0	6	19	4	7	s.	H. S. Brashear.
Thornburg	Perry	650	2	77.0	.....	99	16	50	6	38	2.69	.....	2.10	0.0	4	23	3	4	w.	T. Y. Powell.
Waldron	Scott	675	7	.....	.....	.....	.....	.....	.....	.....	3.77	.....	1.03	0.0	8	13	7	10	nw.	Dr. Cheves Bevill.
Warren	Bradley	206	32	79.0	+0.2	99	12	55	6	35	3.50	−0.48	2.00	0.0	4	20	5	5	s.	W. L Slide.
Waters	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	4.14	. .	1.76	0.0	6	13	10	7	w.	J. R. Hud leston.
Whitecliffs	Little River	290	22	.....	....	.....	.....	.....	.....	.....	1.49	−2.02	0.88	0.0	3	20	9	1	sw.	Nanrie O. Schirmer.
Wilson	Mississippi	237	1	76.6	.....	98	12	51	28	37	3.64	.....	1.60	0.0	6	20	4	6	sw.	M. W. H. Collins
Wynne	Cross	250	18	76.4	−2.1	98	23	52	6†	40	2.86	−0.69	1.15	0.0	6	21	3	6	s.	E. O. Allen.
Yancopin	Desha	167	2	.....	.....	.....	.....	.....	.....	.....	1.23	.	0.55	0.0	4	16	7	7	.....	W. E. Barton.
State Means and Extremes				76.6	−0.5	104	12	42	6	48	2.60	−1.42	4.20	0.0	6	17	8	5	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[e], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for June, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.0	6.9	11.1	11.4	14.6	14.7	13.0	11.9	10.8	9.6	8.4	8.0	7.6	7.0	6.7	8.9	10.3	9.2	8.5	9.7	9.2	9.1	9.6	8.4	8.4	7.9	7.4	7.2	6.5	7.9	
Dardanelle	do	20	2.6	2.4	2.8	7.8	8.1	9.6	11.1	10.0	9.1	8.2	7.1	5.8	5.0	4.7	4.0	4.2	4.6	6.9	7.0	6.3	5.6	4.7	6.0	6.2	5.9	.....	.....	.....	.....	.....	.....
Little Rock	do	23	−0.5	−0.6	−0.6	−0.3	2.5	5.5	6.8	9.3	8.8	7.6	6.7	5.4	4.0	3.0	2.4	1.9	1.5	1.2	3.0	4.5	4.3	3.1	3.5	3.5	3.4	3.5	2.9	2.4	2.1	1.5	
Pine Bluff	do	25	4.4	4.1	3.9	4.0	4.0	6.8	9.6	11.5	13.0	12.4	11.5	10.6	9.5	7.9	7.2	6.6	6.2	6.0	5.8	7.2	8.5	8.0	7.3	7.5	7.6	7.4	7.6	7.0	6.6	6.2	
Yancopin	do	29	9.2	8.8	8.3	7.9	7.7	7.7	8.7	12.9	15.7	16.8	16.8	15.8	15.0	14.1	13.2	12.1	11.1	10.3	9.7	9.2	9.1	12.3	12.5	12.2	12.5	13.2	13.5	13.6	13.4	12.9	
Danville	Petit Jean	20	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.8	1.7	1.7	1.6	1.6	1.6	1.8	1.8	1.5	1.5	1.3	1.0	0.9	0.9	0.8	0.8	0.7	0.8	0.8	0.7	0.7	

Daily River Stages Continued

ations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rock.....	White.....	18	1.2	1.4	3.3	3.9	3.9	3.8	3.3	3.1	2.5	1.9	1.8	1.6	1.5	1.4	1.4	1.1	1.3	1.2	1.3	1.9	1.3	1.2	0.6	1.6	1.2	1.3	1.2	1.1	1.5	0.6	
ille.....	....do.....	23	6.2	6.1	6.4	8.8	9 4	9.1	8.9	8.6	8.4	7.8	7.0	6.8	6.6	6.4	6.2	6.2	6 1	6.1	6.1	6.1	6.9	6.1	6.0	5.4	6.4	6.1	6.1	6.0	5 9	6.2	
ort.....	...do.....	26	3.2	3.1	3.3	3.9	4.9	5.7	5.5	5.3	5.9	4.6	4.1	3.8	3.6	3.4	3.1	3.1	2.9	2.7	2.5	2.5	2.8	3.0	2.6	2.4	2.3	2.5	2.4	2.4	2.4	2.3	
No. 1.....	Little Red..	..	-2.0	-2.0	-2.0	-1.4	-1.4	-1.4	-1.4	-1.4	-1.6	-1.8	-1.8	-1.8	-1.9	-1.9	-2.0	-2.0	-2.1	-2.1	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	
etown.....	White.....	22	4.2	4.0	4.0	3.8	4.0	4.8	5.8	6.2	6.3	6.2	5.9	5.7	5.2	4.8	4.3	4.0	3.6	3.2	3.1	2.9	2.7	2.6	2.5	2.5	2.5	2.5	2.3	2.2	2.1	2.0	
idon	....do.....	30	11.6	11.4	11.2	11.2	11.0	11.1	11.4	12.0	12.6	12.9	13.0	12.9	12.7	12.3	11.9	11.5	11.2	10.8	10.6	10.4	10.2	10.0	9.9	9.8	9.8	9.7	9.6	9.5	9.4	9.3	
rt...	Buffalo. ...	30	4.5	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5	
ng	Black.....	11	7.0	7.4	7.6	7.4	7.3	7.3	7.2	7.2	7.0	6.8	6.8	6.7	6.6	6.6	6.6	6.5	6.4	6.4	6.3	6.2	6.2	6.1	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7	
Rock	...do.....	14	3.8	3.8	3.7	3.7	2.7	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.5	2.4	2.3	2 2	2.2
rson	Cache	9	3.5	3.5	3.4	3.4	4.0	4.0	4.1	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	
lelphia ...	Ouachita...	18	0.2	0.2	0.0	0.0	0.2	0.5	0.4	0.3	0.0	0.1	0.0	0.2	0.0	0.0	-0.2	-0.3	-0.3	-0.2	0.0	1.0	0.3	0.0	-0.4	0.3	0.0	0.0	-0.3	-0.3	-0.3	-0.3	
len	....do.....	30	5.0	4.9	4.5	4.7	4.6	5.0	5.0	4.9	4.7	4.6	4.6	4.4	4.4	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.9	5.4	6.2	5.0	4.7	4.6	4.6	4.4	4.4	4.3	
n	Red... ...	28	8.9	8.7	8.6	8.7	8.8	9.3	9.7	9 6	9.9	9.8	9.4	8.8	8.4	8.1	8.0	8.4	8.8	8.6	8.1	8.0	8.0	9.9	11.5	11.3	10.7	10.4	10.1	9.7	9.6	9.4	
gbank	....do.....	37	12.0	11.8	11.2	10.9	10.5	10.6	10.7	11.1	11.2	11.1	11.1	10.9	10.0	9.2	8.4	7.8	7.5	7.6	7.7	7.7	7.2	7.0	7.3	9.8	10.6	10.4	9.9	9.9	9.7	9.5	
ecliffs.....	Little	28	1.5	1.9	2.6	2.9	2.7	2.0	1.8	1.6	1.3	1.2	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.9	2.5	1.8	1.3	1.0	0.9	1.7	1.3	1.0	
ed Tree..	St. Francis.	17	4.3	4.1	4.2	4.2	4.2	4.2	4.3	4.4	4.3	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.2	3.2	
na.....	Mississippi..	44	14.2	13.4	12.8	12.6	12.3	12.2	12.2	12.0	11.8	12.0	12.6	13.2	13 6	13.8	14.0	14.0	13.5	12.5	11.5	10.7	10.4	11.1	13.4	15.9	17.7	18.7	19.1	19.2	19.0	18.7	18.6
nsas City..	....do.....	48	18.4	17.6	17.0	16.3	15.8	15.4	15.1	15.1	15.6	16.4	17.3	17.8	18.1	18.2	18.1	18.0	17.4	16.6	15.7	14.5	13.9	14.2	15.7	17.9	19.8	21.3	22.0	22.3	22.3	22.1	

Daily Precipitation for June, 1926

tations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ty.....	Ouachita. ..			.50															.22								.07						0.79
adelphia	Ouachita. ..	.60			.55														.55	.45								1.25					3.40
ansas City	Desha.....				.17											.45			.10	.02 .75							.02	.86	.12				1.19
berg.....	White.....		.25	.76																.16			1.08 T.					.24	T.				0.94
esville	White.....			.02	.28			T.			T.					.24 .50						.52				.01	.04	.68				1 60
Branch	Arkansas....	.18	.14	T.	.10										1.46	50		.88	.05								.40						4.87
tonville . *	Arkansas	1 03		.38					.06	.16		.03								.10		T.				.15						1.74
k Rock. ...	White.....	.86			.23				.12	.06					.08	.05				.10		.12										1.95
theville.....	Mississippi....	.46		.93												1.23		.44	.25	.02								.48				3.32
neville	Arkansas.....	.90	.22	.14													T.			.06			.05										2.83
nkley	White.... ...				2.24											.26				.06			.03				T.						1.25
ico Rock	White			.29	.12				.28	.08		.20		.08	.05			.08		.27		.31					.70	.39					2.63
nden	Ouachita ...	.26			.78														.91								.26	.04					2.35
ter Point.....	Red.....	.80		.03												.20	.02			.03			1.10			T.		10					3.83
rendon	White.....				2.38											.63			.29									.04					1.10
nton.....	White.....		.12	.06												.53			.02	.43		.02											2.09
nway	Arkansas.. ..			1.01	.04				06	.03																							0.93
rning	White	.51			.33											.35			.26							.24							1.55
nville	White		.70													.85	.30	T.	.22	.75			T.				.88						3.00
m No. 1.....	Arkansas....				T.												.65																1.40
rdanelle ...	Arkansas.....				.75						T.				T.	.30			.10			.26				.02	.31	.10					1.15
nas	Mississippi....			.06	T										.09	1.85		76	.74			.04											5.78
tton	White		1.44	.86																.32						.32	.60	.10					1.48
Dorado	Ouachita	.14			T.											.04			.22			.04				.16	1.17						2.10
gland	Arkansas ...				45	.02									1.32	.43		.48	.27			1.16											5.10
reka Springs	White		.75	.69							T.					.10				.18		T.	T.				T.						0.79
ening Shade..	White.....	.05	.19	T.				T.	.36							1.67		.56	T.	T.		.38											2.98
yetteville	White.....		.37	T.				T.							T.	1.57		.38	.35	T.		.25					.10						4.13
rt Smith ..* .	Arkansas....		1.44	.04												41	.84			.22			.29										2.38
eeman Sprgs.	Arkansas.. ..	.03		.30	.24		.05	T.									.05		2.60	.08			.17	.50			.77						5.08
lton	Red.....	.72			.19												.07			2.43			.12				T.	.40					3.62
orgetown ..	White				.80										.09	.39				.01			T.				.02					.30	1.45
lbert.....	White.....			.35	.58				.03							.32			35			13											1.37
ady.....	Arkansas.....			.25														.42	2.00			46						.09					4.44
annis.....	Red	1.47													1.89	.65		.84	T.			.47			T.		.99						6.08
ayette.....	Arkansas.....		1.24												.25	.86		.18	.20			.41				T.	.10	.24					3.47
arrison.....	White		1.28	.27	.02											.36	.02			.06			.14				.10	.29					2.80
elena.....	Mississippi....	.04			1 76						.08					.62			.17														1.40
gden	White.....		.07	.15															.47			.19			.02	.02							1.44
ope	Red.....	.74		T.												.07			T. 1.63			.01					.31	.04					3.38
ot Springs.....	Ouachita.....	.28	T.	1.04							.65					T.			T.		.97	.02		.34			.10		.70					2.70
uttig.....	Ouachita.....			1.25												.07											.18	.02					3.14
nesboro	White.....	.31			.95				.14	.14		T.			T.				1.06							.40	.76	1.20					3.55
nction	Ouachita.....	.13		T.												.32			.02								12	.15					1.86
mbrook.. ..	White.....				1.25											.37			.34	.06		.10					.41						1.47
ittle Rock .*	Arkansas....	T.		.19				T.	T.							.77		.02	.21			.22				.02	.02	.55	.02				1.85
therville	Arkansas.	.02	.60	.01				T.							T.	.70			.12									.97	.28				2.31
cGehee. .... *	Mississippi....			.88		.53					.05	.30					T.										.02	1.32					2.13
agnolia.....	Red..... ..															T.	.01			4.20							.05						5.65
alvern	Ouachita.....				.10											T.			.08			.01											1.66
ammoth Spg.	White.....		.16	.77	T.			.27	17		.08		.08			.52	.01			.02			T				.05	.02					3.72
arianna	Mississippi....	.10		2.70	.36											1.16				.35												1.78
arked Tree .	Mississippi..				.20											.52				T.		.12										1.60
arshall.....	White		.60	.36													.30	.66	.04	.79			.19					.04					3.33
lena	Ouachita.....	.93			.38											.60				.01								.23					1.35
orrilton.....	Conway.....			.51															.07	.07							.25	.11					1.49
ount Ida	Ouachita.....	.72		.27												.10			.10								.20	.19					0.79
ewport	White			.20				T.	.17							.35					.15						.05						1.57
sceola.....	Mississippi....	.05		.80												1.21		.37	.70			.11						.20	.40			T.	4.06
zark.....	Arkansas.....	.02	1.50	.15											.25					1.25													2.61
atterson	White.....				.51				.18		T.				.21					.26													1.67
iggott.....	Mississippi....			.42											.05	.48		.07	.17			.32				T.		1.40					2.47
indall.....	White.....		.56	.40	.42												.05			.03			.13										1.89
ine Bluff	Arkansas....	T.		.02	.26				.23		.66												.05			.08	.06						1.34
ocahontas.. ..	White.....			.32																.33						.63		1.57					1.08
ortland	Ouachita				.06														.14	.66							2.40	.53					2.91
rescott	Ouachita.....			.54																.50													4.45
rinceton	Ouachita	1.02																	.18								.04						0.98
ison	Ouachita.....	.55		.25											.86	.58		.89	.06			.74						.60					4.94
ogers	Arkansas.....		1.51	.26												.14				.91						T.	.36	T.					2.07
earcy.....	White.....				.42							T								.28	.20		.28	.60			.18						2.77
pringbank ...	Red	1.02				.03										.08			.61								.20						1.71
tory.....	Ouachita.....			.84												.17			.25			.09											2.16
tuttgart	Arkansas.....			1.45												.40		.25	.99			T.					T.	.10					2.14
ubinco	Arkansas....		.50																	.15			.25	.65									2.87
exarkana ...	Red.....	1.62				.10										.05			T.			.03					51						2.69
hornburg.....	Arkansas.....			2.10											.29		.64	.32	.19	T.		.32					T.	1.03					3.77
aldron.....	Arkansas	.41		.57												.15			T.							2.00	.45						3.50
arren.....	Ouachita.....			.90														.70	.95	.30							.12						4.14
aters.....	Ouahita.....	1.76		.31																			.39	T.			.22						1.49
hitecliffs.	Red.....	.88						T.	.08						.83				.75			.30						.08					3.64
ilson,.....	Mississippi....			1.60												.87				.22			.13				.30	.19				.30	2.86
ynne.....	Mississippi....				1.15													T.		.38			.55				T.	.03					1.23
ancopin	Arkansas.....				.27																												

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‡ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

‡ Precipitation included in the next following measurement.

Daily Temperatures for June, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	68	72	65	65	57	53	63	60	63	60	62	67	65	68	68	70	73	72	72	70	68	68	64	60	57	61	58	60	62	63		64.5
Batesville§§	Maximum	87	80	84	73	79	88	96	88	90	95	95	97	92	93	93	95	91	89	77	89	93	87	88	89	94	88	86	89	97	100		89.4
	Minimum	66	56	61	60	50	46	57	66	63	63	65	66	67	75	61	61	70	65	65	57	61	65	52	51	58	62	57	47	49	62		59.9
Bentonville	Maximum	81	79	80	68	74	85	88	88	86	90	89	91	92	81	85	90	84	69	72	84	78	76	79	78	85	76	80	85	88	89		82.3
	Minimum	58	60	62	53	47	55	66	68	64	66	69	74	73	66	64	66	64	59	60	60	59	56	55	56	60	62	56	59	62	64		61.4
Bee Branch	Maximum	88	87	87	71	78	91	98	97	95	99	99	99	97	95	91	97	95	90	81	91	91	89	87	89	95	92	87	92	98	102		91.6
	Minimum	67	60	62	60	54	50	64	67	67	66	68	69	67	73	66	67	72	71	64	62	70	65	62	55	63	64	62	54	56	66		63.8
Blytheville	Maximum	85	85	86	72	78	87	94	87	87	92	97	97	96	89	84	94	96	93	85	92	96	90	93	90	93	89	95	90	96	100		90.3
	Minimum	68	63	65	59	51	56	64	66	67	66	74	78	75	77	65	63	75	71	65	62	61	70	61	57	66	65	63	53	55	63		64.4
Booneville	Maximum	97	81	82	80	79	92	92	94	93	95	95	97	93	93	88	94	88	82	81	87	86	84	86	83	87	82	89	91	94	98		88.8
	Minimum	64	62	63	66	54	51	63	67	64	65	70	72	71	78	66	71	66	69	68	66	68	67	57	58	60	63	61	60	60	64		64 5
Brinkley	Maximum	88	86	86	73	79	85	92	93	93	95	93	95	94	90	89	95	96	92	83	90	91	88	90	90	93	91	85	90	95	98		89.9
	Minimum	70	58	63	60	54	53	64	70	69	68	71	72	73	72	67	67	74	70	65	60	70	70	59	59	68	66	62	52	51	62		64.7
Calico Rock§§	Maximum	87	74	79	71	78	91	98	90	97	96	97	98	92	89	83	96	92	88	78	89	91	85	87	90	94	86	87	95	99	99		89.2
	Minimum	64	58	64	61	48	49	57	62	66	65	67	68	70	72	63	64	70	67	65	60	64	67	54	52	57	59	57	48	52	58		60.9
Camden§§	Maximum	87	92	88	77	79	85	92	91	92	93	92	94	89	92	87	94	91	88	84	91	92	87	89	90	90	90	85	86	89	92		88.9
	Minimum	65	63	68	66	58	53	54	65	64	66	68	70	68	69	73	69	72	72	69	65	66	69	66	61	65	66	66	61	54	59		65.0
Center Point	Maximum	91	89	86	80	82	89	92	93	93	94	94	96	89	98	91	96	92	85	89	91	86	90	90	85	93	91	87	90	92	97		90.4
	Minimum	63	69	70	65	56	55	67	66	70	70	69	72	71	75	75	71	74	69	68	69	70	68	65	66	69	68	67	65	64	68		67.8
Conway	Maximum	90	89	88	73	81	90	96	94	96	96	97	97	92	96	88	96	93	85	83	87	90	88	90	89	92	92	88	89	94	98		90.6
	Minimum	68	61	63	63	55	52	64	66	67	68	69	69	67	73	66	68	74	71	65	64	69	70	58	58	66	68	62	54	54	65		64.6
Corning	Maximum	84	84	83	83	86	88	99	92	84	95	97	96	95	93	90	95	95	95	86	90	95	92	93	87	92	87	87	90	95	103		91.0
	Minimum	63	61	61	57	48	56	61	62	64	66	68	73	76	76	64	62	74	66	66	66	67	66	54	53	59	61	59	47	51	65		62.4
Dardanelle	Maximum	91	89	83	74	92	90	98	99	100	99	99	101	96	94	94	97	94	85	81	90	87	86	89	84	90	..	..	..	..	..		91.3
	Minimum	67	63	61	65	57	61	62	58	64	66	67	66	70	71	72	66	71	73	68	69	73	68	60	69	64	..	..	..	..	..		66.0
Dumas	Maximum	89	94	94	77	80	89	96	96	96	97	98	99	94	95	89	97	99	93	84	90	96	86	90	94	94	89	87	89	94	98		92.1
	Minimum	71	71	69	66	56	50	63	66	66	66	68	66	71	73	73	68	73	69	71	62	71	71	64	59	70	68	68	56	51	58		65.8
Dutton	Maximum	81	78	78	67	74	82	85	85	86	86	86	90	84	84	80	85	84	80	74	80	71	80	75	76	84	74	82	82	87	89		81.1
	Minimum	57	58	59	58	46	42	58	61	56	59	61	65	63	67	57	63	61	61	60	58	65	54	45	47	52	58	51	48	49	54		56 4
El Dorado	Maximum	89	94	90	89	82	88	95	96	95	98	97	98	94	95	91	99	95	90	88	93	94	90	92	93	90	90	88	88	94	96		92.4
	Minimum	65	68	72	66	60	55	63	69	67	67	68	71	72	76	75	71	74	74	70	67	74	70	68	66	70	69	67	63	59	61		67.9
England	Maximum	89	91	94	76	80	87	95	96	96	96	95	97	94	93	83	97	97	88	82	91	92	86	89	91	95	92	95	88	91	97		91.1
	Minimum	69	60	65	62	54	52	65	65	65	67	68	72	70	74	68	67	73	68	67	62	70	70	59	59	68	65	64	53	53	61		64.5
Eureka Springs	Maximum	82	79	80	73	76	84	89	90	87	89	88	90	88	83	82	87	85	79	72	83	79	79	81	80	86	80	84	87	90	90		83.4
	Minimum	57	59	62	56	47	59	65	66	64	66	73	73	73	65	63	67	63	63	64	54	55	58	62	69	55	56	63	65				62.0
Evening Shade	Maximum	88	76	82	69	79	91	98	89	88	94	96	99	94	90	86	95	96	92	79	90	94	87	88	89	93	89	89	93	99	101		89.8
	Minimum	62	57	61	59	46	47	57	65	64	64	65	71	69	76	61	64	72	67	62	56	69	64	54	52	57	59	60	46	50	64		60.7
Fayetteville	Maximum	84	80	80	79	75	84	86	88	88	88	88	85	83	85	81	88	88	82	75	82	81	78	80	81	86	84	82	85	88	89		83.4
	Minimum	59	59	63	58	47	54	62	71	63	64	70	67	66	70	64	64	62	67	59	60	65	57	53	54	59	64	58	56	59	62		61.2
Fort Smith	Maximum	85	76	82	73	79	90	94	95	90	95	92	94	91	89	86	95	88	79	77	88	85	85	85	82	88	79	86	89	91	93		86.7
	Minimum	67	65	68	61	57	57	68	72	69	72	73	73	75	76	67	72	67	70	66	67	69	66	61	62	65	66	65	65	65	68		67.1
Grannis	Maximum	91	96	88	80	89	88	90	90	92	92	90	92	98	92	92	94	90	83	86	88	83	82	85	86	86	87	88	84	88	93		88.8
	Minimum	58	61	64	62	52	46	66	60	59	63	60	64	65	68	68	61	68	63	64	65	64	63	52	58	57	63	56	63	59	54		60.9
Gravette	Maximum	81	78	79	70	74	84	86	86	87	88	87	89	86	89	85	86	86	79	72	83	81	77	79	79	86	78	80	85	86	88		82.5
	Minimum	51	58	61	57	43	52	62	66	59	62	66	73	72	64	62	66	62	62	58	58	65	52	50	52	58	59	54	57	58	59		59.3
Harrison	Maximum	87	83	80	74	82	91	97	95	92	95	97	94	93	90	91	96	92	81	72	90	89	83	85	84	93	84	88	86	96	96		88.5
	Minimum	58	57	62	55	48	52	59	65	61	62	64	68	67	65	61	61	62	65	59	57	64	56	53	51	59	58	54	50	54	62		59.0
Helena	Maximum	93	95	93	76	83	89	98	99	100	101	101	100	97	94	89	100	101	96	85	97	96	90	95	95	95	96	89	92	98	101		94.5
	Minimum	71	58	65	63	55	52	67	72	68	67	72	71	73	72	69	66	74	70	70	72	68	70	61	60	71	67	62	54	55	61		65.9
Hope	Maximum	90	93	91	81	81	88	96	95	93	95	97	97	89	96	95	96	97	86	86	92	91	82	91	92	94	93	89	89	98	97		91.7
	Minimum	64	66	69	66	58	55	61	69	67	67	68	77	71	71	75	73	71	68	70	67	72	67	62	61	68	68	66	60	57	60		66.5
Hot Springs	Maximum	90	88	88	78	80	86	91	92	92	94	93	94	89	95	90	96	91	87	82	87	86	84	87	83	90	88	87	87	82	95		88.4
	Minimum	65	64	65	63	54	52	65	69	66	68	70	71	71	72	67	68	75	69	66	64	70	68	60	59	65	67	65	56	57	65		65.2
Jonesboro	Maximum	86	83	78	72	71	88	97	92	83	93	97	99	96	92	83	96	98	90	79	97	92	83	88	89	91	85	82	87	94	101		88.7
	Minimum	67	61	63	58	52	55	63	67	66	67	69	71	73	73	67	63	72	71	63	62	67	68	60	58	64	65	62	53	56	69		64.2
Junction	Maximum	92	94	97	88	82	87	90	92	97	98	100	100	96	97	98	100	97	96	86	89	93	92	91	89	93	87	83	93	94	97		92.9
	Minimum	67	65	68	64	61	55	57	60	62	63	65	64	66	68	70	71	70	69	63	65	67	68	70	68	67	66	67	61	54	57		64.6
Lambrook §§	Maximum	90	94	95	72	76	86	94	95	94	97	96	95	94	91	87	95	97	93	88	90	80	88	97	95	80	86	90	89	92	95		90.4
	Minimum	62	55	65	63	55	49	64	66	65	65	67	68	71	65	69	65	72	68	70	65	69	59	64	68	58	52	60	54	50	56		62.6
Little Rock	Maximum	87	87	88	73	78	87	92	93	93	93	92	95	90	93	86	94	91	84	79	88	87	84	86	85	92	89	84	87	91	95		88.1
	Minimum	69	66	66	62	57	58	68	70	72	72	71	73	79	76	66	69	77	69	66	67	70	71	65	65	70	68	65	63	62	69		67.7
Lurton	Maximum	79	69	78	67	75	80	85	83	84	85	86	89	84	83	78	85	82	73	71	79	78	74	78	77	83	76	77	82	86	89		79.8
	Minimum	61	57	63	52	48	52	64	69	65	66	67	69	68	68	62	65	63	64	58	59	59	59	57	59	62	63	56	60	67	67		61.6
Lutherville	Maximum	83	75	80	83	77	85	91	92	92	93	93	95	86	83	84	86	81	75	72	80	78	75	77	78	82	80	81	82	84	95		82.9
	Minimum	66	62	63	63	54	53	66	77	67	69	70	70	71	74	64	68	67	70	64	65	67	65	57	56	62	67	63	59	69	66		64.8
Magnolia	Maximum	87	88	87	92	70	67	84	87	90	90	97	92	94	86	98	92	93	95	91	87	93	92	90	90	92	93	91	84	85	94		89.0
	Minimum	71	65	66	67	60	60	54	62	68	66	66	68	70	76	75	74	72	71	72	71	67	73	70	67	71	72	71	67	68	69		67.1
Malvern	Maximum	91	91	90	80	83	89	95	94	96	93	96	98	94	98	92	98	96	89	84	89	92	86	89	87	94	92	86	87	91	95		91.2
	Minimum	66	63	67	64	55	50	62	65	64	65	69	69	65	73	72	68	73	69	68	67	71	70	63	60	67	66	66	58	55	62		65.1
Mammoth Spg	Maximum	84	77	72	70	79	86	95	85	83	91	95	97	88	87	80	93	91	82	75	86	87	82	85	84	81	81	84	91	95	97		85.4
	Minimum	61	60	62	55	47	49	56	65	63	64	65	67	67	74	64	62	70	65	63	57	68	63	53	53	59	59	49	52	64			60.5
Marianna	Maximum	89	92	92	73	92	93	93	91	92	93	95	95	96	96	84	94	97	91	85	92	92	86	89	88	87	89	88	85	91	95		90.5
	Minimum	71	60	65	62	57	56	55	71	70	69	72	71	73	73	69	69	73	71	68	68	63	72	61	61	70	68	55	55	56	64		65.6
Marked Tree§§	Maximum	85	90	74	80	85	95	89	88	97	91	93	92	90	82	93	95	92	78	89	90	84	87	87	90	86	81	88	93	94	98		88.5
	Minimum	58	67	59	52	51	51	62	66	66	68	71	76	75	67	64	68	72	64	61	67	69	59	56	65	63	60	50	54	58	69		62.9
Marshall	Maximum	85	82	81	76	75	87	92	91	88	93	93	95	94	89	85	92	91	88	78	88	85	82	84	83	90	88	84	88	93	94		87.1
	Minimum	63	58	66	58	49	50	59	67	64	63	67	71	73	73	62	69	68	67	63	59	69	64	51	57	56	59	56	48	56	63		61.6
Mena	Maximum	86	88	80	74	76	87	92	92	91	93	91	93	90	95	89	95	89	85	79	88	81	81	84	83	86	82	83	87	92	94		86.9
	Minimum	61	66	66	64	55	51	65	67	65	66	68	70	72	74	70	70	65	67	66	65	72	64	58	57	63	66	64	60	60	59		64.5
Mount Ida	Maximum	90	90	89	78	81	88	92	92	93	94	93	95	88	97	91	96	92	84	87	90	87	87	91	86	93	93	78	90	94	97		90.2
	Minimum	63	60	64	65	50	57	59	60	60	62	67	54	63	76	66	65	60	64	63	64	70	66	55	53	61	64	63	54	54	59		61.4
Newport	Maximum	93	85	90	74	82	93	101	97	91	102	101	104	100	101	89	97	93	92	80	90	94	86	89	90	92	88	86	90	93	100		92.1
	Minimum	68	60	63	60	53	52	61	70	67	68	69	72	72	73	68	65	73	71	65	62	71	70	61	59	65	66	61	51	56	67		64.6
Osceola	Maximum	85	87	90	73	77	85	96	89	84	93	97	98	97	90	89	73	95	91	89	83	82	84	99	88	88	92	87	87	87	93		88.3
	Minimum	70	59	65	59	54	54	62	70	67	67	71	71	74	69	64	59	56	66	63	58	54	62	62	52	49	60	59	55	45	48		60.8
Ozark	Maximum	87	80	84	76	80	89	93	95	95	95	95	96	93	94	94	96	89	82	80	88	85	86	87	85	90	86	88	89	92	95		88.8
	Minimum	64	62	68	62	54	53	65	68	67	66	69	71	69	68	67	66	67	69	68	67	68	57	58	58	62	67	59	61	60	65		64.2
Pine Bluff	Maximum	94	94	92	78	83	88	96	97	98	99	96	99	92	93	90	98	97	92	82	93	88	87	95	94	98	94	87	90	96	99		92.6
	Minimum	69	63	68	63	58	56	68	68	68	68	70	73	72	75	70	70	74	74	68	66	72	72	65	63	72	68	66	61	58	64		67.4
Pocahontas	Maximum	84	83	78	71	80	87	90	87	89	96	93	95	93	89	86	95	93	90	83	90	93	87	86	89	92	89	86	91	93	98		88.5
	Minimum	63	59	63	58	52	50	57	62	64	65	67	70	71	74	65	62	74	67	65	90	67	64	55	55	58	61	61	51	50	63		61.8
Portland	Maximum	93	98	98	82	83	89	98	98	98	98	100	101	99	98	95	101	100	99	89	61	100	94	92	98	99	93	85	87	94	98		94.9
	Minimum	71	63	68	66	61	51	59	66	63	65	66	66	69	73	72	67	70	71	69	64	69	70	66	60	69	70	67	60	55	59		65.5
Prescott	Maximum	89	90	90	86	97	84	92	91	93	94	94	95	96	96	91	95	90	85	87	89	92	87	90	91	93	86	85	86	90	92		90.2
	Minimum	65	66	66	65	54	60	63	66	68	67	69	71	72	70	79	66	73	70	69	70	70	71	66	65	69	69	62	64	59	62		66.9
Rison	Maximum	92	95	94	92	86	88	96	97	96	97	97	99	99	99	98	97	99	100	97	94	95	98	96	96	97	96	94	94	97	99		95.8
	Minimum	67	63	69	65	56	55	65	67	66	66	67	72	71	74	70	70	74	72	69	66	65	71	64	61	71	67	65	59	56	60		66.1
Rogers	Maximum	82	79	81	72	76	85	88	90	88	90	89	91	89	83	83	89	86	80	72	85	81	79	81	80	87	78	82	86	89	91		83.7
	Minimum	55	59	63	58	46	52	63	66	62	65	66	63	69	66	63	64	63	63	59	58	66	56	53	53	59	61	58	54	58	61		60.1
Searcy	Maximum	91	87	93	73	81	90	99	93	94	98	98	99	96	99	93	97	95	90	87	88	90	88	91	90	90	88	91	90	94	100		91.6
	Minimum	69	59	62	61	54	51	62	66	67	68	69	69	69	73	67	68	73	71	64	61	68	70	60	59	65	66	60	54	54	63		64.1
Stuttgart	Maximum	86	91	93	85	77	85	93	94	94	96	95	96	93	91	89	96	96	90	82	90	89	84	89	90	92	91	84	87	92	96		90.2
	Minimum	70	60	66	62	54	54	66	65	70	69	70	71	70	74	68	68	73	70	66	63	71	70	60	61	69	67	63	56	54	62		65.4
Subiaco	Maximum	..	..	86	84	80	90	97	97	95	97	98	99	96	97	88	96	94	88	83	87	85	85	87	84	89	88	88	91	93	97		90.7
	Minimum	..	..	65	56	54	53	65	70	67	69	72	74	72	77	65	70	66	69	67	66	71	67	59	59	62	66	62	60	60	67		65.4
Texarkana	Maximum	90	93	89	84	83	87	94	93	94	94	94	95	88	96	92	95	89	88	90	94	93	87	89	90	92	91	89	92	93	95		91.1
	Minimum	62	67	66	61	59	55	61	62	65	66	68	67	70	73	76	71	72	72	67	65	72	66	65	63	68	64	68	63	62	59		65.8
Thornburg	Maximum	88	86	87	72	77	87	91	92	91	92	92	94	93	90	98	99	90	90	85	86	86	81	94	84	90	90	88	90	93	96		89.1
	Minimum	66	63	64	61	55	50	65	66	66	68	71	70	70	75	65	68	71	69	65	62	66	67	56	56	65	61	66	65	68	64		64.8
Warren	Maximum	89	93	92	79	79	88	88	94	95	95	96	99	97	94	94	96	97	94	85	93	95	86	91	90	91	91	85	89	91	94		91.3
	Minimum	67	65	67	65	59	55	65	69	67	68	69	71	62	75	68	69	73	72	71	65	71	72	66	64	68	69	65	61	58	61		66.6
Wynne	Maximum	86	88	92	74	79	85	90	94	90	96	96	97	96	91	82	95	97	91	85	94	94	85	98	83	90	89	83	88	92	96		89.9
	Minimum	69	58	58	61	53	52	61	61	68	68	69	71	71	71	68	67	72	71	65	60	60	69	58	58	58	63	61	52	53	60		62.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXI LITTLE ROCK, ARK., JULY, 1926 No. 7

GENERAL SUMMARY

July was a month of practically normal temperature and rainfall. The first week was marked by high day temperatures, 100° to 109° being recorded at all except a few northwestern stations, but even during this heat wave most of the nights were pleasant. Daily mean temperatures were 10° below the seasonal average about the middle of the month, 42° at Lambrook on the 15th being within 2° of the lowest on record for July, but during the closing days of the month temperatures returned to normal or somewhat above. No rain fell during the first three days of the month, and practically none from the 15th to the 20th, but on remaining days showers were frequent, amounts being light to moderate in most instances except on the 7th, 8th, 26th, and 27th when one to four inches were measured at numerous stations. The geographical distribution was irregular, marked differences occurring within a few miles. Although locally heavy rains occurred, the streams of the State remained at low stages throughout the month, the Little Red at Dam No. 1 being below zero the entire month and the Ouachita at Arkadelphia practically the entire month. The White and the Arkansas were also below zero at different points during the month.

The weather was generally favorable for cotton. Cotton hopper did considerable damage in some localities early in the month, but at the close of the month hopper activity had abated and the crop was generally in good condition. It was too dry for corn, especially in north central sections where the early crop was practically ruined, but elsewhere corn made fairly good progress. An abundant crop of melons and cantaloupes was being marketed the latter half of the month. Rice was in good condition, peaches and grapes excellent.

TEMPERATURE

The mean temperature for the month of July, as determined from the records of 57 stations, was 79.8° which is 0.2° below normal, positive and negative departures occurring throughout the State. The highest monthly mean was 83.0° at Helena and Rison, the lowest, 72.2° at Dutton. Extremes ranged from 109° at Searcy on the 4th to 42° at Lambrook on the 15th. Extremes occurred on approximately these dates throughout the State. The greatest daily range was 45° at Dutton on the 3d.

PRECIPITATION

The average precipitation for 82 stations was 3.55 inches, which is 0.27 inch below normal. The monthly totals ranged from 8.03 inches at Lutherville to 0.61 inch at Helena. The greatest amount measured in 24 consecutive hours was 4.40 inches at Wilson on the 26th. The average number of rainy days was 8.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS: - - - 3d, 3; 4th, 27; 5th, 21; 6th, 36; 7th, 42; 8th, 17; 9th, 11; 10th, 19; 11th, 1; 12th, 3; 13th, 7; 20th, 4; 21st, 13; 22d, 26; 23d, 27; 24th, 27; 25th, 31, 26th, 28; 27th, 4; 28th, 1; 30th, 11; 31st, 25.
SOLAR HALOS: - - - 14th, 2; 15th, 1; 22d, 1.
DENSE FOG:---25th, 1; 26th, 2; 27th, 1: 28th, 1.

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Hail and Wind Storms

Place	Date	Time	Character	Width Path	Remarks
Tulip	3		Heavy Hail		Severe damage. 30 per of crop destroyed.
Joyner	4	4.30 p	Heavy Hail	1 mile wide 4 mi. long	Hail ¾ to 1 inch diameter damaged cotton.
Briggsville	8	p.m.	Heavy Hail	2 miles	Ruined crops.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.99	30.19	18	29.52	9	2,557	26	se.	7	.....	.....	73
Fort Smith.	29.94	30.19	18	29.56	8	4,101	39	nw.	9	82	58	78
Little Rock.	29.95	30.19	18	29.64	8	5,025	38	n.	10	77	53	73
Memphis.	29.95	30.21	18	29.67	8	4,535	47	ne.	4	73	56	72

COMPARATIVE DATA FOR JULY

Year.	Temperature Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation Average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**80.0**		**116**		**40**		**3.82**		**15**	**11**	**5**	**8**
1891.	76.5	−3.5	103	22	50	9	7.24	+3.42	13	8	10	10
1892.	79.0	−1.0	104	19	52	4	3.58	−0.24	10	11	10	10
1893.	80.9	+0.9	103	28	59	19	2.94	−0.88	17	11	3	6
1894.	78.4	−1.6	108	1	51	24	3.98	+0.16	17	9	5	6
1895.	78.9	−1.1	104	19	55	9	7.34	+3.52	12	10	9	12
1896.	83.4	+3.4	110	31	52	9	1.61	−2.21	16	11	4	4
1897.	82.4	+2.4	109	30	50	13	3.25	−0.57	16	11	4	5
1898.	79.9	−0.1	105	22	50	11	4.25	+0.43	12	13	6	8
1899.	79.0	−1.0	100	16	52	10	5.14	+1.32	15	11	5	8
1900.	79.7	−0.3	102	3	51	28	4.46	+0.64	10	15	6	9
1901.	83.7	+3.7	116	12	50	10	2.49	−1.33	15	13	3	6
1902.	79.4	−0.6	105	16	50	21	4.49	+0.67	14	12	5	6
1903.	79.6	−0.4	105	9	53	13	3.86	+0.04	13	12	6	9
1904.	77.9	−2.1	104	20	49	24	4.43	+0.61	13	13	5	10
1905.	76.7	−3.3	106	14	51	4	7.60	+3.78	10	13	8	13
1906.	76.7	−3.3	99	22	48	3	5.96	+2.14	13	9	9	10
1907.	81.4	+1.4	108	23	53	4	1.96	−1.86	21	8	2	4
1908.	79.2	−0.8	103	16	48	4	3.00	−0.82	15	12	4	8
1909.	81.9	+1.9	106	31	50	21	2.51	−1.31	19	9	3	5
1910.	79.4	−0.6	105	29	41	18	5.46	+1.64	15	12	4	10
1911.	78.4	−1.6	106	3	43	25	4.83	+0.01	9	14	8	11
1912.	81.3	+1.3	104	25	56	1	2.82	−1.00	15	13	3	6
1913.	81.5	+1.5	104	6	55	21	4.31	+0.49	13	14	4	8
1914.	82.6	+2.6	107	14	54	31	2.69	−1.13	11	15	5	7
1915.	77.1	−2.9	107	30	43	5	2.40	−1.42	20	7	4	5
1916.	82.8	+2.8	106	19	55	9	2.09	−1.73	19	9	3	6
1917.	79.6	−0.4	106	1	50	4	5.10	+1.28	15	9	7	8
1918.	79.6	−0.4	111	25	49	1	1.53	−2.29	19	7	5	4
1919.	81.2	+1.2	104	11	54	18	1.91	−1.91	19	8	4	5
1920.	79.8	−0.2	105	24	52	9	4.22	+0.40	15	10	6	7
1921.	82.0	+2.0	107	4	54	23	2.42	−1.40	19	8	4	6
1922.	80.2	+0.2	106	31	48	5	4.12	+0.30	14	11	6	7
1923.	79.9	−0.1	105	24	48	1	3.53	−0.29	16	9	6	6
1924.	79.0	−1.0	110	23	40	1	2.35	−1.47	18	8	5	5
1925.	81.8	+1.8	109	16	47	31	4.99	+1.17	11	11	9	10
1926.	79.8	−0.2	109	4	42	15	3.55	−0.27	17	9	5	8

Climatological Data for July, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	31											0.0						
Arkadelphia	Clark	250	30								4.51	+0.76	1.43	0.0	10	19	2	10	s.	F. J. Carpenter.
Arkansas City	Desha	145	42								1.50	−2.36	0.82	0.0	7	21	2	8		Carl R. Cutting.
Arlberg	Stone	700	4								4.25		1.20	0.0	8	14	14	3	ne.	J. D. Reeves.
Batesville	Independence	277	27	79.8	0.0	106	4	50	15	41	1.60	−1.67	0.73	0.0	9	19	2	10	w	Mrs. Lelia I. Teter.
Bee Branch	Van Buren	700	34	82.6	+2.6	108	3	54	15	40	2.51	−1.20	1.60	0.0	7	17	11	3	w.	J. E. Scanlan.
Bentonville	Benton	1303	21	76.1	−2.4	96	4	51	14	31	6.54	+2.23	4.16	0.0	7	18	8	5	s.	U. S. Weather Bureau.
Black Rock	Lawrence	259	24								3.16	−0.73	1.75	0.0	8	25	1	5		Vernon C. Howe.
Blytheville	Mississippi	252	1	81.2		106	3	52	15	38	2.25		1.58	0.0	5	16	11	4	sw.	J. M. Brooks
Booneville	Logan	465	12	80.6	−0.5	105	5	54	15	38	2.16	−0.95	0.59	0.0	6	17	10	4	w.	F. H. Randolph.
Brinkley	Monroe	205	39	80.9	+0.1	105	4	51	15	38	5.12	+1.03	1.48	0.0	8	19	9	3	s.	H. L. D. Whitson.
Calico Rock	Izard	361	22	81.2	+1.7	107	2	51	15	43	0.63	−2.81	0.27	0.0	7	11	19	1	sw.	W. J. Copp.
Camden	Ouachita	158	41	79.2	−1.8	101	4	53	15	33	2.56	−1.35	0.83	0.0	11	16	8	7	s	A. B. Quarterman.
Center Point	Howard	470	27	80.8	−1.0	104	4	60	15	30	4.76	+0.66	0.78	0.0	13	14	10	7	sw.	John C. Floyd.
Clarendon	Monroe	200	22								2.26	−1.08	0.90	0.0	6	14	11	6	w.	J. W. Bishop.
Clinton	Van Buren	516	5								2.61		0.72	0.0	7	12	18	1	s.	A. L. Stephens.
Conway	Faulkner	309	43	81.6	0.0	107	4	53	15	37	3.02	−0.30	1.41	0.0	9	16	15	0	s.	E. E Cordrey.
Corning	Clay	293	33	81.4	+2.5	107	3	52	15	43	2.92	−0.55	1.97	0.0	6	20	7	4	sw.	Winfred D. Polk
Dam No. 1‡‡	White	190	3								3.05		1.05	0.0	5	27	2	2	sw.	J. O. Yingling.
Danville	Yell	327	10								1.31	−1.83	0.58	0.0	3	16	10	5	e.	C. P. Evans.
Dardanelle	Yell	330	40	78.2	−3.2	104	5	49	15	37	4.38	+0.85	2.50	0.0	7	15	15	1	s.	J. D. Riley.
Dumas	Desha	162	20	81.6	0.0	105	4	50	15	39	2.31	−1.11	0.68	0.0	9	9	16	6	s.	Ben Johnson.
Dutton	Madison	1590	23	72.2	−3.3	96	3†	47	14†	45	5.75	+1.54	1.58	0.0	10	18	10	3	s.	J. M Ricketts.
El Dorado	Union	270	25	81.4	−0.1	102	4	59	16	31	4.81	+1.54	1.10	0.0	11	10	13	8	sw.	J. J. Babb.
England	Lonoke	229	19	80.0	−1.3	104	4	50	15	39	4.99	+2.58	1.81	0.0	11	17	12	2	s.	Dr. R. H. Hardin.
Eureka Springs	Carroll	1465	26	77.6	−0.4	97	4	51	14	29	4.38	+0.43	1.19	0.0	8	16	13	2	sw.	Geo. W. Nicholds.
Evening Shade	Sharp	600	3	80.3		107	3	51	14	43	3.22		1.44	0.0	8	7	23	1	sw.	B. F. Graddy.
Fayetteville	Washington	1451	39	76.4	−1.6	98	4	53	14	34	2.96	−1.16	0.80	0.0	8	19	9	3	sw.	University of Arkansas
Fort Smith	Sebastian	457	45	80.2	−1.3	100	4	59	15	28	3.64	−0.20	1.94	0.0	12	14	11	6	e.	U. S. Weather Bureau.
Freeman Springs	Pope	2240	2								2.93		0.58	0.0	12	18	12	1	sw.	J. R. Mc Cuiston.
Fulton	Hempstead	260	40								3.89	+0.48	0.93	0.0	8	14	9	8		T. J. Logan.
Georgetown	White	200	14								1.91	−0.73	1.24	0.0	4	19	5	7	s.	W. R. Owens.
Gilbert	Searcy	675	3								1.64		0.77	0.0	6	17	12	2		Ben F. Battenfield.
Grady	Lincoln	172	2											0.0						P. T. Simons
Grannis	Polk	900	8	76.8		101	4	51	15	35	4.52		1.26	0.0	10	14	17	0	w.	W. E. Mc Vay.
Gravette	Benton	1250	29	74.6	−2.6	95	5	46	14	34	4.31	+0.12	2.20	0.0	4	25	5	0	sw.	A. F. Stevens.
Harrison	Boone	1352	25	78.1[b]		103[b]	2	49[b]	15	42[b]	1.29	−3.03	0.40	0.0	8	17	11	3		G. L. Wright.
Helena	Phillips	193	54	83.0	+1.7	107	3	52	15	41	0.61	−3.19	0.48	0.0	4	15	8	8	n.	James A. Burnett.
Higden	Cleburne	445	8								3.88		1.05	0.0	10	15	15	1	sw.	Geo. W. Baker.
Hope	Hempstead	377	55	81.0	+0.4	105	4	58	16	38	3.47	−1.05	1.12	0.0	7	17	11	3	s.	N. P. O' Neal.
Hot Springs	Garland	600	35	79.4	−2.0	102	4	54	15	34	4.33	+0.10	1.61	0.0	10	15	10	6		P. P. Patraw.
Huttig	Union	175	19											0.0						J. L. Collett.
Index	Little River	275	1								6.51		2.00	0.0	11	18	2	11		H. D. Sanderson.
Jonesboro	Craighead	345	31	80.8	+0.9	106	3	54	15	36	3.85	+0.29	2.59	0.0	11	19	7	5	sw.	Benedictine Sisters.
Junction ‡‡	Union	182	32	80.4	−1.5	105	4	54	15	37	6.43	+2.36	1.12	0.0	9	19	7	5	sw.	J. A. Lowderback.
Lambrook	Phillips	155	3	78.6		102	4	42	15	43	1.50		0.65	0.0	3	22	2	7		G. B. Lambert Co.
Little Rock	Pulaski	357	47	81.2	+0.3	103	4	60	15	30	3.42	−0.57	0.99	0.0	9	15	10	6	s.	U. S. Weather Bureau.
Lutherville ‡‡	Johnson	775	27	78.9	−0.5	102	4	56	14	33	8.03	+4.53	3.61	0.0	8	17	12	2	sw.	H. G. Lenhardt.
Mc Gehee	Desha	148	2								2.97		1.20	0.0	5	22	8	1		P. T. Simons.
Magnolia	Columbia	315	7	80.0		101	4	57	15	32	3.62		1.35	0.0	7	7	17	7	sw.	State Agri. School.
Malvern	Hot Springs	277	39	80.6	−0.4	103	3†	53	15	36	2.87	−0.58	1.15	0.0	7	23	6	2	s.	Mrs. W. L. Matthews.
Mammoth Spring	Fulton	600	21	78.9	+0.9	105	3	52	14	40	2.53	−1.04	0.80	0.0	11	10	14	7	se.	F. M. Daniel.
Marianna	Lee	235	14	80.6	+0.4	101	2	53	15	34	1.86	−1.84	0.55	0.0	7	14	17	0	s.	C. N. Houck.
Marked Tree	Poinsett	229	21	79.6		102	2	52	14†	41	5.51	+2.11	3.08	0.0	8	12	15	4	se.	Charles Walton.
Marshall	Searcy	1070	12	78.6	−0.2	103	5	50	14	39	6.04	+2.77	2.49	0.0	5	17	10	4	sw.	A. J. Park.
Mena ‡‡	Polk	1185	38	77.8	−2.0	100	3	52	15	34	4.29	−0.24	1.20	0.0	13	16	11	4	sw.	E. W. St. John.
Morrilton	Conway	347	5	82.4		107	4	56	15	35	2.47		1.12	0.0	6	12	17	2	sw.	John Cook
Mount Ida	Montgomery	650	27	78.8	−0.7	107	4	49	16	42	4.06	+0.54	1.12	0.0	12	16	13	2	sw.	G. A. Whittington.
Newport	Jackson	231	42	81.5	+0.5	106	4	53	15	38	2.55	−0.61	1.40	0.0	4	16	13	2	n.	A. C. Wilkerson
Osceola	Mississippi	240	28	77.0	−3.1	101	2	52	11†	38	3.50	−0.06	2.60	0.0	6	19	4	8	s.	June Thomason
Ozark	Franklin	450	30	80.9[c]	−0.9	102[c]	4	55[c]	15	34[d]	5.17	+1.76	1.86	0.0	10	13[d]	5[d]	9[d]	sw.	Isham Burrow.
Patterson	Woodruff	196	10								4.48	+1.32	2.60	0.0	5	26	0	5	s.	W. E. Baker.
Piggott	Clay	307	2								6.24		3.48	0.0	7	20	10	1	sw.	H. H. Harlan.
Pindall	Searcy	1500	4								3.48		2.08	0.0	8	16	7	8	sw	W. W. Wood.
Pine Bluff	Jefferson	215	39	82.8	+0.6	108	4	57	15	37	2.39	−1.13	0.87	0.0	10	17	2	12	sw.	Miss Theresa Scheu.
Pocahontas	Randolph	300	33	80.2	−1.5	105	3	52	15	40	3.03	−1.49	1.50	0.0	7	12	11	8	n.	Benedicitine Sisters.
Portland	Ashley	122	20	81.8	+0.3	105	3	55	15	37	2.83	−1.67	0.82	0.0	9	9	17	5	n.	W. E. Edmiston.
Prescott	Nevada	329	38	80.8	−0.9	103	4	51	15	34	3.71	+0.59	1.82	0.0	13	18	7	6	w.	C. D. Calhoun.
Princeton	Dallas	287	20								1.41	−2.98	1.01	0.0	2	18	2	11		Foote Coleman.
Rison	Cleveland	243	25	83.0	+2.2	108	4	55	15	38	3.34	+0.04	1.10	0.0	8	11	11	9	sw.	Mrs. M. V. Tisdale.
Rogers	Benton	1385	35	75.6	−1.4	97	4	49	14	35	4.50	+0.39	1.77	0.0	10	18	11	2	s.	Carl A. Starck.
Searcy	White	236	17	82.4	+1.7	109	4	52	15	40	1.41	−1.08	0.73	0.0	10	21	0	10	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19								4.83	+1.25	1.27	0.0	9	22	0	9		Miss Grace Field.
Story	Montgomery	700	2								4.08		1.70	0.0	7	19	12	0	s.	S. C. Story.
Stuttgart	Arkansas	228	39	81.0	+0.3	103	3	53	15	38	1.04	−2.84	0.47	0.0	5	17	12	2	w.	Adam F Buerkle.
Subiaco	Logan	1050	29	81.6	+0.3	106	5	56	15	34	3.81	+0.43	2.05	0.0	6	21	5	5	s.	New Subiaco Abbey.
Texarkana	Miller	332	40	80.2	−2.1	103	4	57	16	36	6.49	+3.07	2.15	0.0	11	15	2	14	s.	H. S. Brashear.
Thornburg	Perry	650	2	78.8		101	5	52	15	39	3.48		1.10	0.0	9	16	11	4	w.	T. Y. Powell.
Waldron	Scott	675	7								6.21		2.12	0.0	9	12	8	11	ne.	Dr. Cheves Bevill.
Warren	Bradley	206	32	81.6	−0.2	103	4	56	15	32	3.02	−0.41	1.12	0.0	5	19	7	5	s.	W. L. Shide.
Waters	Montgomery	800	2								1.91		0.76	0.0	5	12	11	8	w.	J. R. Huddleston.
Whitecliffs	Little River	290	22								4.58	+2.44	1.15	0.0	8	17[a]	5[a]	8[a]	sw.	Nanrie O. Schirmer.
Wilson	Mississippi	237	1	80.4		101	3	51	15	37	5.72		4.40	0.0	6	22	6	3	sw.	M. W. H. Collins
Wynne	Cross	250	18	79.5	−1.5	103	3	51	15	43	4.19	+0.41	0.95	0.0	8	18	7	6	s.	E. O. Allen.
Yancopin	Desha	167	2								1.19		0.52	0.0	8	13	9	9		W. E. Barton.
State Means and Extremes				79.8	−0.2	109	4	42	15	45	3.55	−0.27	4.40	0.0	8	17	9	5	sw.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for July, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.6	7.6	7.6	7.3	7.0	6.3	5.3	5.0	4.7	5.1	4.9	5.4	6.1	6.7	10.8	10.8	9.5	8.5	7.7	7.2	6.9	6.3	5.9	5.5	5.4	5.5	7.6	7.9	6.5	6.1	5.6
Dardanelle	do	20	4.0	5.0	5.0	4.5	4.2	3.6	2.9	3.9	2.5	2.3	1.8	2.0	1.8	2.2	2.9	5.5	7.9	6.6	5.7	5.0	4.3	4.0	3.6	3.2	2.7	2.6	3.4	2.6	4.1	4.4	3.4
Little Rock	do	23	1.7	1.8	2.1	2.3	2.5	1.5	1.1	0.7	0.2	0.6	-0.2	-0.7	-0.9	-0.9	-1.0	-0.6	0.0	4.2	4.9	3.7	2.8	2.0	1.4	1.0	0.7	0.3	-0.1	0.0	0.6	0.2	1.3
Pine Bluff	do	25	6.1	6.0	6.2	6.4	6.6	6.2	6.0	5.6	5.0	4.7	4.6	4.1	3.6	3.7	3.4	3.3	3.7	4.5	7.8	8.8	7.5	6.7	6.2	5.9	5.4	5.1	4.7	4.3	4.4	4.7	4.6
Yancopin	do	29	12.6	12.2	11.7	11.3	10.9	10.6	10.2	9.6	9.1	8.4	8.0	7.8	7.4	6.8	6.4	6.2	6.2	6.3	7.1	10.1	12.4	11.9	10.8	10.0	9.1	8.6	8.2	7.7	7.3	7.0	7.0
Danville	Petit Jean	20	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	0.9	0.8	0.7	0.3	0.7	0.3	0.0	-0.1	0.4	0.1	0.2	0.3	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.1	-0.1	-0.2	-0.1	-0.1
Batesville	....do	23	5.4	5.6	5.5	5.4	5.1	5.3	5.0	5.1	4.8	5.1	4.8	4.8	5.1	5.0	4.9	4.8	4.8	4.9	4.8	4.8	4.7	4.6	4.7	4.7	4.7	4.7	4.9	4.7	4.6	4.5	4.5
Newport	....do	26	2.3	2.0	1.8	1.8	1.8	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.4	1.4	1.2	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.2	1.4	1.6	1.6	1.4
Dam No. 1	Little Red	..	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.0	-2.0	-2.2	-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-1.3	-1.5	-1.8	-1.9	-2.0
Georgetown	White	22	2.0	2.0	1.9	1.7	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.3	0.5	0.6	0.6
Clarendon	....do	30	9.3	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.7
Gilbert	Buffalo	30	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Corning	Black	11	5.7	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.4	5.6	5.8	6.1	6.1	5.9
Black Rock	....do	14	2.2	2.1	2.0	2.0	2.0	2.3	2.5	2.3	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.3	2.3	2.3	3.5	3.0	3.0	2.8	2.7
Patterson	Cache	9	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.8
Arkadelphia	Ouachita	18	-0.3	-0.4	-0.5	-0.6	-0.6	-0.7	-0.6	-0.3	0.0	-0.1	-0.4	-0.3	-0.4	-0.3	-0.6	-0.6	-0.7	-0.7	-0.6	-0.7	-0.7	-0.3	-0.3	-0.6	-0.4	0.4	-0.1	0.0	-0.1	-0.2	-0.5
Camden	....do	30	4.3	4.4	4.4	4.3	4.2	4.2	3.9	3.9	3.9	3.8	4.2	4.4	4.6	4.3	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9	4.0	4.0	4.3	4.5	4.5	4.5	4.8	4.8	4.7
Fulton	Red	28	8.9	8.7	8.6	8.4	8.2	8.4	8.7	8.7	8.1	7.9	7.8	8.1	9.6	10.2	12.8	16.4	16.8	15.8	15.3	13.8	12.1	10.8	9.8	11.3	12.9	16.1	18.2	21.4	21.6	22.8	21.1
Springbank	....do	37	9.5	9.5	9.2	9.0	9.0	9.0	8.9	8.9	9.2	9.3	9.3	9.3	9.6	9.9	10.4	14.0	18.0	19.2	18.2	16.8	15.4	14.0	13.0	12.2	13.1	15.1	18.1	21.5	24.0	24.8	24.5
Whitecliffs	Little	28	1.0	0.9	0.8	0.6	0.6	0.5	0.5	0.8	0.6	0.6	0.6	0.5	1.0	2.1	2.3	6.8	6.5	5.2	4.2	4.0	3.2	3.8	3.1	4.3	5.2	8.0	11.0	13.7	14.3	14.5	13.0
Marked Tree	St. Francis	17	3.1	3.0	3.0	3.0	2.9	2.8	3.0	3.1	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.3	2.6	2.6	2.6	2.6	2.7
Helena	Mississippi	44	18.4	17.8	16.8	15.6	14.6	13.5	12.5	11.5	10.8	10.1	9.4	8.9	8.6	8.6	9.2	10.4	11.8	12.7	12.9	12.6	11.8	10.6	9.5	8.4	7.7	7.2	7.0	6.9	6.4	6.0	5.6
Arkansas City	....do	48	21.9	21.6	21.2	20.4	19.5	18.5	17.4	16.4	15.3	14.4	13.3	12.5	11.7	11.2	10.9	11.1	11.8	13.4	14.3	15.0	15.5	15.4	14.6	13.9	12.1	11.1	10.4	9.9	9.6	9.2	8.7

Daily Precipitation for July, 1926

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita					.05			1.43		.29			.23	.08								.60			.24	.24	1.20				.15	4.51
Arkansas City	Desha								.04		.02	.25			.22										.07		.82	.08					1.50
Arlberg	White						.13	.35		.10	.41			.15									1.11		1.20		.80						4.25
Batesville	White					T.	T.		.36	.01	.08			.04	.14								.01	.11			.12	.73					1.60
Bee Branch	Arkansas					T.		1 60	05		.06			.11								.10				.55					.04	2.51
Bentonville	Arkansas							2.03	.01	4.16	.01		.31	.01								T.	.01		T.							6.54
Black Rock	White						.48	1.75	.04					.01	.29									.05		.40		.14					3.16
Blytheville	Mississippi				.28		.07		.16		T.			.16										T.	T.		1.58	T.					2.25
Booneville	Arkansas					T.			.15		.59			.55								T.	.41	.18			.28		T.				2.16
Brinkley	White								1.48	.51	.03												T.	.32	.87	.35	1.06	.50					5.12
Calico Rock	White						.20		T.		.03			.04	.02								T.	.27	T.	.01	.06	T.					0.63
Camden	Ouachita					.45					.83	.04		.17	.50								.24	.14		.08	.05		.03	.03			2.56
Center Point	Red				.28	.06		.78	.29		.76			.47							.03	.29	.22		.15	.03	.73					.67	4.76
Clarendon	White					T.				.50	.90	.01		T.											.04		.32	.49					2.26
Clinton	White							.72			.06			.50										.16		.54	.35					.34	2.61
Conway	Arkansas						1.41	.36	.27	.46	.12		.05									.04	.19				.12						3.02
Corning	White					.29								.06	.12									.35		.13		1.97					2.92
Dam No. 1	White						T.	.60	T	.19												T.	.50	T.		T.	1.05				.80	T.	3.05
Danville	Arkansas								T.		.38			.35								T.			T.	.58	T.						1.31
Dardanelle	Arkansas								2.50		.19			.20								.06		.94			.41	.08					4.38
Dumas	Mississippi				.32		.26	.10			.10	.05		.10								T.	.02			.68	.68				T.	T.	2.31
Dutton	White						.11	.55	.57	.04	.63		.02	.25								1.47	T.		.56	T.	1.58						5.78
El Dorado	Ouachita					.56			.02		1.05			.38	.30							T.	.01	.38	.32	.01	.68	1.10				T.	4.81
England	Arkansas				.04		.28	T.	.11		.19			.04								.35	1.81	.16	.04	T.	1.42	.55					4.99
Eureka Springs	White							.89	.15	.78	.88		.10	.12								.27			1.19								4.38
Evening Shade	White					.20	.65	.10				.40	.10										1.44				.18					.15	3.22
Fayetteville	White						.59	.69	.80	.03	.25		.15	.42								T.	.03	T.	T.		T.						2.96
Fort Smith	Arkansas							.08	.08	.31	.07		.13	.44							.27	.02	.29	.01	T.	.61	1.33						3.64
Freeman Sprgs.	Arkansas							T	.58		.50			.14	.06								.15	.07	.15	.30	.40	.33	.18			.07	2.93
Fulton	Red								T.		.71	.13		.93	.33							T.	T.	.77	.40	.48	T.		.14				3.89
Georgetown	White								T.	.29	T.			T.									T.	.15	T.		1.24	.23					1.91
Gilbert	White						.77		.32		.22			.10	T.								T.	.15	T.	.05		.03					1.64
Grady	Arkansas																																
Grannis	Red					.06			.51		.99			.72								.38	.38	.08	.04	.10	1.26						4.52
Gravette	Arkansas						T.	.50	2.20	.93				.68									T.		T	T.						T.	4.31
Harrison	White						.05	.27	.27	.22					.40							.03	.03		.02								1.29
Helena	Mississippi							T.	.02					T.											.01	.10	.48						0.61
Higden	White				T.	.12	.53	.09			.30			.55									.23	.15	1.05		.65					.21	3.88
Hope	Red							.07			1.12			.76							T.	.49	.26		.54	T.		T.			.23	3.47
Hot Springs	Ouachita				.49			.36	.65		.29			.19								.37	T.	.21		.06	1.61	.10					4.33
Huttig	Ouachita																																
Jonesboro	White				.01			75	.02	.31	T.			.02	.01									.07	.01		.05	2.59	.01				3.85
Junction	Ouachita				.28						.64			88								T.	1.09	.31		.98	1.12	.82				.31	6.43
Lambrook	White							.65																	.60	.25							1.50
Little Rock	Arkansas				.12		.07	.15	.09	T.	.56		T.	.04								.97	.96		T.	T.	.46					T.	3.42
Lutherville	Arkansas					1.40	3 61				.41		T.	1.14								.02	.11	.04			1.30						8.03
McGehee	Mississippi							1.20			.32			.18									T.	T.	T.	.68	.59						2.97
Magnolia	Red							.30			1.35			1.13								.47	.13			11		.13					3.62
Malvern	Ouachita								1.15		.35			.10									.12		.25		.25	.65					2.87
Mammoth Spg.	White				.24	.13		.06	.03				.18										30	.16	.32	.24	.07					.80	2.53
Marianna	Mississippi				.46			.28	.55															.05	.36		.12	.04					1.86
Marked Tree	Mississippi					.05		1.65	.01	.60	T.				.04								.03				.05	3.08					5.51
Marshall	White							2.49		T.	.48			T.									T.		1.80		1.05					.22	6.04
Mena	Ouachita					.07	.27	.01	.36	T.	1.20			.68								.03	.19	1.19	.09	.02	.15	.03					4.29
Morrilton	Conway							.01			.90			.12											.13		1.12	.19					2.47
Mount Ida	Ouachita					.40	1.12	.05	.30		.42			.24								.14	.07	.20	.50		.34					.28	4.06
Newport	White								.06	1.07																.02		1.40					2.55
Osceola	Mississippi				.40		.07		.35																		2.60	.05				.03	3.50
Ozark	Arkansas					.20	.03	1.17	.30		.40			.30								.13	T.	.17			1.86					.55	5.11
Patterson	White					.33			2.60	.63																	.40	.52					4.48
Piggott	Mississippi						14		.30					.66									.80			.68	3.48					.18	6.24
Pindall	White							.66	.06		.37											.01	.05	.09		.13	.03					2.08	3.48
Pine Bluff	Arkansas					.02		.04		.02	.87			.04	.11							.01	.75				.34	.19					2.39
Pocahontas	White							1.50						.15											.16	.05	.86	.17				.14	3.03
Portland	Ouachita					.02			.82		44	.54			.45								.02	.41				.10	.03				2.83
Prescott	Ouachita							.10			1.82	.12		.42	.04							.15	.22	07	.02	.25		.20			.21	.09	3.71
Princeton	Ouachita								1.01																				.40				1.41
Rison	Ouachita					.24					.60			.20								.50		.10		.28	1.10					.32	3.34
Rogers	Arkansas							.81	.51	.26	.56		.28	.18								.03	.02		1.77				.08				4.50
Searcy	White							.03	.04		.02	.17											.05	.20	.04	.01	.12					.73	1.41
Springbank	Red										.38	T.		1.13	1.27							.07	.90	T	.05	T.	.80	.08	.15			T.	4.83
Story	Ouachita					.72	.46				.30			.25									1.70	.35			.30						4.08
Stuttgart	Arkansas						.13	.29	.10															.05			.47						1.04
Sublaco	Arkansas						T.	.55			.80			.32								.04	.05	T.			2.05						3.81
Texarkana	Red							.18			.26	1.00		2.15	.50							.60		.10	.50	.35		.25				.60	6.49
Thornburg	Arkansas							.81	.14		1.10				.26							.51	.10	.05			.46					.05	3.48
Waldron	Arkansas						2.12		.36		.76			.57							T.	.06	.18	T.	.16	1.96	.04						6.21
Warren	Ouachita				1.12					.80				.20								T.				.40						.50	3.02
Waters	Ouahita							.26			.76		.46									.16					.27						1.91
Whitecliffs	Red								.81		1.15	T.		.87	T.							.10	.44	.27	.48	.46							4.58
Wilson	Mississippi					.50		.05			.15															.60	4.40					.02	5.72
Wynne	Mississippi							1.00	.23	.63					.05								.10	.60	T.	T.	.63	.95					4.19
Yancopin	Arkansas						.02			.12		.04			T.								.02	.10	.27		.10	.52				T.	1.19

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Precipitation included in the next following measurement.

Daily Temperatures for July, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	102	103	105	106	101	100	95	91	92	91	89	92	84	83	83	90	96	96	99	100	92	92	94	92	95	84	89	94	97	100	95	94.3
	Minimum	68	66	67	68	69	70	69	70	74	76	63	56	68	54	50	53	55	57	60	61	70	72	67	67	69	73	69	66	65	67	69	65.4
Bentonville	Maximum	91	93	95	96	95	94	92	83	89	81	82	76	80	77	80	84	85	91	90	92	86	81	85	90	84	85	90	92	92	94	88	87.5
	Minimum	64	67	68	65	68	71	69	70	65	64	59	61	58	51	56	57	60	62	64	64	72	68	65	68	66	66	66	68	68	[illegible]	69	64.7
Bee Branch	Maximum	104	105	108	105	105	102	102	92	95	95	90	92	86	84	90	95	98	100	101	103	100	92	99	100	96	85	96	98	99	100	102	97.4
	Minimum	70	69	70	72	73	76	70	72	75	68	65	60	68	58	54	55	60	62	65	65	72	69	72	69	70	72	68	69	68	74	76	67.9
Blytheville	Maximum	100	105	106	94	101	100	95	93	93	93	89	90	85	82	88	91	95	98	99	100	97	98	93	96	91	89	89	93	94	94	96	94.4
	Minimum	71	72	74	73	67	74	72	70	73	71	64	56	69	68	52	58	58	60	58	66	73	69	71	71	70	71	71	[illegible]	71	72	74	68.0
Booneville	Maximum	101	102	103	104	105	102	98	91	95	91	89	87	85	84	86	90	92	96	97	97	90	89	89	89	86	87	94	99	99	101	97	94.0
	Minimum	64	64	65	68	73	69	72	72	80	68	63	62	68	58	54	55	58	61	62	63	74	72	71	70	72	70	70	70	71	70	73	67.2
Brinkley	Maximum	100	103	104	105	99	99	98	90	93	90	87	90	83	83	87	93	95	96	100	101	94	97	95	90	89	89	88	93	94	95	96	94.1
	Minimum	72	68	70	76	68	71	69	71	75	70	66	60	70	61	51	55	58	62	62	63	71	74	70	71	70	72	70	68	69	71	75	67.7
Calico Rock§§	Maximum	106	107	107	106	105	101	94	96	97	93	90	91	87	87	90	93	97	100	100	101	93	93	93	95	96	87	94	101	102	102	101	96.9
	Minimum	68	67	66	66	68	70	71	72	75	69	58	59	66	52	51	55	57	57	61	62	65	71	70	70	70	70	71	66	66	[illegible]	73	65.4
Camden§§	Maximum	94	96	98	101	92	95	91	92	94	85	87	89	80	82	83	88	91	92	93	93	87	86	88	83	89	86	90	97	96	99	98	90.8
	Minimum	64	67	70	72	70	72	72	74	76	68	68	62	67	65	53	57	58	62	61	64	73	70	70	70	71	71	70	70	69	68	71	67.6
Center Point	Maximum	98	99	102	104	98	96	94	90	94	87	90	91	85	84	83	87	91	92	94	92	85	87	89	87	86	85	93	96	98	97	96	91.9
	Minimum	71	72	72	75	71	70	70	69	75	67	70	66	68	65	60	62	64	67	69	71	72	71	70	69	73	70	70	72	75	75	73	69.8
Conway	Maximum	102	103	104	107	101	103	97	93	95	94	89	90	87	83	86	91	94	97	96	99	90	93	94	92	95	86	93	97	99	102	102	95.3
	Minimum	69	67	70	73	71	73	72	72	77	69	65	62	70	58	53	54	59	61	62	65	71	68	72	71	72	74	70	70	69	71	75	67.9
Corning	Maximum	104	106	107	103	96	103	96	94	91	92	94	94	91	85	87	91	95	100	103	103	105	96	95	96	93	83	88	95	95	101	101	96.2
	Minimum	69	75	70	71	68	71	71	70	71	73	67	57	57	55	52	52	57	57	63	61	73	72	71	72	72	70	70	68	70	70	72	66.7
Dardanelle	Maximum	96	100	101	102	104	102	98	98	93	95	93	87	90	84	83	85	89	92	94	95	97	92	87	93	90	91	87	92	94	97	98	93.5
	Minimum	69	70	70	72	74	72	72	62	70	61	60	56	61	54	49	49	54	55	58	59	65	58	64	63	65	63	64	66	65	67	67	63.0
Dumas	Maximum	101	102	104	105	96	100	98	97	98	90	90	92	84	86	87	92	95	95	100	99	93	95	98	95	89	87	92	94	96	98	100	95.1
	Minimum	67	68	72	72	70	70	72	74	74	71	70	59	68	63	50	58	56	62	63	66	72	71	71	73	73	71	69	70	70	72	72	68.0
Dutton	Maximum	90	91	96	96	96	96	91	88	85	84	84	80	80	77	79	81	81	88	86	89	81	78	85	86	81	81	87	89	92	90	89	86.2
	Minimum	54	55	51	55	61	62	63	66	66	62	51	53	67	47	47	47	50	51	53	53	64	63	60	63	67	65	61	61	61	63	65	58.3
El Dorado	Maximum	97	99	101	102	97	97	95	95	96	87	89	91	88	84	84	90	92	93	96	95	90	91	89	89	89	89	89	95	96	99	97	92.9
	Minimum	66	72	76	76	71	74	74	76	72	67	72	65	69	67	60	59	63	65	65	69	68	71	71	71	72	70	72	76	72	72	76	70.0
England	Maximum	99	100	103	104	97	98	97	91	95	90	89	91	84	85	86	91	94	96	98	99	91	92	93	90	90	87	91	94	91	99	98	93.6
	Minimum	67	66	70	70	68	72	69	70	75	67	65	59	69	61	50	52	55	60	60	64	71	69	70	70	70	70	70	71	69	69	70	66.4
Eureka Springs	Maximum	92	94	96	97	95	96	91	85	87	85	85	82	83	80	81	85	88	90	90	93	88	84	92	92	86	88	91	93	95	96	96	89.5
	Minimum	65	71	71	69	72	75	68	68	66	64	57	60	63	51	56	61	61	63	67	64	68	67	64	67	67	65	64	69	69	70	71	65.6
Evening Shade	Maximum	104	106	107	106	104	95	91	93	90	90	90	84	95	87	91	95	99	99	102	94	97	96	92	86	92	82	92	99	96	101	98	95.3
	Minimum	67	68	69	69	67	69	70	76	71	57	58	68	52	51	55	58	58	61	62	70	70	70	67	70	67	70	69	65	65	68	68	65.3
Fayetteville	Maximum	91	92	95	98	96	98	92	83	88	87	83	79	83	79	81	85	86	89	89	92	89	83	89	86	85	85	92	92	94	94	96	88.7
	Minimum	61	66	71	64	69	69	68	68	66	65	58	58	64	53	54	55	56	60	61	61	70	68	66	67	68	68	64	65	66	65	69	64.0
Fort Smith	Maximum	95	96	97	100	97	98	95	89	93	88	87	85	85	83	86	88	88	93	94	95	90	81	88	89	79	86	92	94	95	96	91	90.8
	Minimum	67	70	72	71	76	74	73	72	67	72	67	65	66	61	59	61	64	66	67	68	75	72	72	72	71	70	72	72	74	75	76	69.6
Grannis	Maximum	94	96	98	101	98	96	93	87	89	86	86	87	89	82	82	89	89	91	91	90	86	85	86	87	82	79	93	94	96	94	90	89.9
	Minimum	62	63	68	70	65	64	65	65	71	62	60	62	57	59	51	54	56	58	59	64	68	68	69	66	66	66	64	66	68	70	71	63.8
Gravette	Maximum	90	90	94	94	95	93	92	82	88	88	87	87	80	79	80	84	85	89	88	91	85	83	86	87	83	85	89	92	92	93	86	87.6
	Minimum	58	61	68	60	64	62	67	68	64	64	55	57	62	46	53	55	55	58	58	59	69	66	62	66	63	64	61	64	65	65	68	61.5
Harrison	Maximum	101	103	103	102	101	101	90	91	95	87	87	86	..	82	84	91	91	97	98	99	89	85	92	96	93	..	95	98	101	100	99	94.4
	Minimum	61	61	62	62	65	69	66	67	67	60	55	55	..	63	49	50	55	57	58	58	67	64	65	65	66	..	63	65	65	66	67	61.8
Helena	Maximum	104	106	107	105	99	100	97	98	100	94	93	95	90	89	93	96	99	102	102	104	99	101	97	97	90	90	95	99	100	96	98	97.9
	Minimum	70	71	73	74	70	72	70	70	76	76	68	58	69	63	52	55	58	62	64	65	71	68	70	72	72	71	72	67	70	74	70	68.2
Hope	Maximum	98	100	102	105	100	104	97	94	97	86	89	94	80	87	84	90	92	94	95	99	91	87	90	86	90	84	93	96	95	98	96	93.3
	Minimum	60	68	67	66	74	70	73	75	76	68	70	64	68	66	66	58	60	63	63	68	72	71	70	70	70	73	71	71	71	71	75	68.6
Hot Springs	Maximum	96	99	101	102	95	96	94	87	92	89	88	87	84	84	81	89	92	93	94	95	86	91	88	86	83	87	90	93	96	97	96	91.4
	Minimum	68	68	71	72	69	70	70	71	76	68	65	62	68	62	54	55	59	62	64	67	72	69	70	69	72	71	69	70	69	70	70	67.5
Jonesboro	Maximum	102	104	106	104	96	100	88	90	93	94	87	91	92	80	85	88	93	96	98	101	98	99	93	94	95	90	87	91	92	93	94	94.0
	Minimum	71	73	76	73	67	73	68	70	74	71	65	59	59	57	54	58	60	62	68	65	65	71	70	72	71	72	70	69	69	71	73	67.6
Junction	Maximum	100	99	101	105	95	97	98	100	101	92	93	94	89	84	83	87	91	95	93	92	89	90	89	91	89	90	88	91	93	97	96	93.3
	Minimum	63	67	68	71	70	71	72	73	74	71	68	62	69	61	54	56	61	63	65	66	67	72	67	68	72	67	70	68	69	70	74	67.5
Lambrook. §§	Maximum	98	100	98	102	100	97	98	88	93	89	87	88	84	82	85	89	93	94	96	96	94	95	94	93	87	87	89	92	94	94	95	92.6
	Minimum	65	65	68	65	69	68	65	69	74	71	61	55	68	62	42	50	54	58	59	61	69	67	69	68	68	70	70	66	67	71	72	64.7
Little Rock	Maximum	97	98	102	103	95	95	94	89	92	88	87	86	83	83	85	89	92	94	96	95	86	89	89	88	86	84	91	93	95	98	95	91.5
	Minimum	74	75	76	73	73	74	72	72	76	67	70	67	71	65	60	61	65	68	72	72	70	70	71	72	72	71	71	74	74	76	76	71.0
Lurton	Maximum	92	93	94	97	97	93	91	82	85	..	88	80	78	74	78	81	85	89	88	90	80	82	86	84	85	80	85	87	89	91	87	86.4
	Minimum	70	68	70	72	70	69	67	67	62	..	59	64	62	54	57	61	65	68	67	68	66	65	67	66	66	65	63	69	70	69	68	65.8
Lutherville	Maximum	99	100	101	102	101	100	91	88	89	85	85	85	81	78	82	86	89	90	92	98	87	84	88	89	84	82	88	96	94	95	96	90.5
	Minimum	68	69	74	71	72	67	67	69	75	66	62	62	65	56	56	58	61	64	66	67	72	68	69	68	70	69	68	71	71	72	72	67.3
Magnolia	Maximum	95	96	100	101	93	97	93	92	94	94	86	90	86	82	83	89	90	91	94	95	85	87	89	87	88	86	90	94	93	96	97	91.4
	Minimum	72	68	71	71	71	70	72	76	76	62	70	63	68	67	57	58	61	62	63	70	72	71	70	69	72	71	71	70	71	70	72	68.6
Malvern	Maximum	96	97	103	103	96	97	97	92	94	89	89	88	85	87	86	90	93	95	98	98	89	95	95	90	86	87	93	96	98	102	100	93.7
	Minimum	67	67	69	69	70	72	71	71	75	69	67	62	70	63	53	54	57	61	63	65	73	70	70	70	72	71	70	71	69	70	72	67.5
Mammoth Spg	Maximum	98	104	105	101	98	98	88	90	94	89	87	87	82	82	85	88	92	98	97	100	93	93	91	91	89	83	84	94	94	95	91	92 4
	Minimum	68	68	68	68	69	69	69	69	75	60	61	57	66	52	52	57	57	58	60	62	70	72	69	69	69	68	68	65	67	71	73	65.4
Marianna	Maximum	99	101	100	99	97	97	91	91	93	92	90	90	85	83	86	88	91	97	97	96	94	94	90	92	90	90	88	91	93	92	94	92.6
	Minimum	72	71	73	76	75	70	70	73	76	74	61	61	69	62	53	60	60	64	63	65	73	69	71	72	71	70	70	68	70	72	74	68.6
Marked Tree§§	Maximum	101	102	100	94	98	94	90	90	91	84	87	84	81	86	89	93	96	97	97	94	96	97	95	93	85	88	93	95	99	94	89	92.6
	Minimum	69	71	74	66	72	69	70	70	74	64	58	66	58	52	52	52	61	65	64	67	68	70	72	71	71	69	68	68	71	72	69	66.5
Marshall	Maximum	97	102	102	102	103	97	92	80	91	91	85	84	83	81	85	90	92	98	96	99	93	90	95	91	90	85	89	94	94	96	95	92.3
	Minimum	64	63	63	63	71	76	76	72	72	66	58	59	62	50	51	55	56	56	62	62	73	68	69	67	70	69	69	68	67	67	70	65.0
Mena	Maximum	96	93	100	99	98	95	93	88	90	88	84	88	80	79	82	87	90	92	92	93	87	84	85	84	84	84	91	95	95	95	95	89.9
	Minimum	62	66	69	70	70	66	67	68	75	66	64	60	67	62	52	53	59	60	62	63	71	71	67	65	69	65	68	69	68	70	71	65.7
Mount Ida	Maximum	99	100	105	107	103	101	95	88	93	90	89	88	83	84	85	88	93	94	95	96	86	92	91	90	88	86	97	96	98	100	99	93.5
	Minimum	59	61	63	66	68	67	68	70	76	67	62	58	59	58	50	49	54	57	57	59	72	68	68	66	70	71	67	66	68	70	72	64.1
Newport	Maximum	101	103	104	106	98	100	97	88	90	93	88	92	88	84	88	92	96	97	98	99	94	96	96	94	98	87	90	95	95	97	96	94.8
	Minimum	73	73	74	74	71	74	72	71	77	73	64	60	70	57	53	56	58	59	63	64	73	72	69	69	70	73	71	68	69	71	73	68.2
Osceola	Maximum	95	101	100	97	92	95	93	92	92	95	86	88	85	80	85	91	93	97	99	100	96	95	98	94	90	84	82	91	93	92	95	92.5
	Minimum	65	66	62	60	66	58	64	69	67	67	52	69	53	52	54	54	55	55	59	66	62	64	65	65	65	63	62	61	64	61	63	61.6
Ozark	Maximum	97	98	99	102	102	99	98	90	94	91	88	86	86	..	..	..	91	93	96	97	88	89	88	90	87	90	92	95	97	98	95	93.4
	Minimum	65	66	67	68	75	70	71	71	75	68	64	64	68	..	55	..	..	60	65	65	71	75	71	70	71	70	69	71	72	69	70	68.4
Pine Bluff	Maximum	101	102	105	108	100	101	99	95	97	88	92	93	84	87	89	95	98	99	101	101	89	91	94	93	87	85	93	97	99	102	102	95.7
	Minimum	70	71	74	73	72	74	74	74	77	69	71	64	68	65	57	58	61	66	66	69	72	70	72	72	72	72	71	72	72	74	75	69.9
Pocahontas	Maximum	100	102	105	100	99	103	93	91	93	91	88	88	85	84	87	91	96	97	97	99	96	95	95	95	94	83	89	96	97	99	96	94.3
	Minimum	69	68	70	71	64	67	69	67	70	72	65	56	66	57	52	56	58	57	62	61	69	72	70	70	69	71	69	67	69	75	72	66.1
Portland	Maximum	101	104	105	104	97	103	100	96	98	91	89	94	82	85	86	90	92	94	97	99	90	95	95	94	92	98	95	97	99	100	102	95.6
	Minimum	65	67	71	72	71	71	73	74	74	71	72	62	67	56	55	60	59	63	64	69	69	70	70	68	71	69	70	70	70	71	72	67.9
Prescott	Maximum	96	98	101	103	98	97	95	92	95	90	94	90	85	82	85	87	90	92	93	94	87	87	90	84	89	85	93	95	96	99	97	92.2
	Minimum	65	69	72	80	81	73	74	76	77	67	65	63	69	65	51	57	62	64	65	68	73	70	70	71	70	74	70	71	72	74	75	69.5
Rison	Maximum	104	105	105	108	105	99	99	97	98	99	91	95	94	89	88	95	99	97	101	99	96	95	93	94	91	86	94	96	97	99	100	97.0
	Minimum	68	69	73	73	70	73	73	74	75	70	70	63	67	65	55	60	61	64	65	69	72	69	71	70	72	71	71	71	70	71	73	69.0
Rogers	Maximum	91	94	96	97	95	95	94	84	89	83	84	77	82	79	80	85	82	92	91	94	87	80	88	99	83	85	91	94	95	94	87	88.3
	Minimum	59	60	68	62	65	68	66	68	66	64	56	59	66	49	53	55	56	59	59	60	69	66	65	66	66	68	64	65	66	66	70	62.9
Searcy	Maximum	102	103	106	109	99	103	101	94	96	98	94	94	88	87	89	93	97	98	101	103	94	97	93	89	95	88	93	99	100	103	106	97.0
	Minimum	70	68	71	72	69	73	71	71	77	72	66	59	70	62	52	54	58	60	61	63	72	71	72	71	79	73	68	68	68	74	73	67.7
Stuttgart	Maximum	101	101	103	103	96	98	99	93	95	90	88	89	84	83	87	92	96	97	99	100	92	95	95	91	91	90	91	94	96	100	100	94.5
	Minimum	68	67	73	74	69	72	68	72	74	78	66	59	69	59	53	54	58	61	62	65	71	69	68	70	71	72	71	70	70	70	72	67.6
Subiaco	Maximum	101	102	102	105	106	103	100	96	95	91	93	90	86	83	86	89	92	96	98	98	93	89	91	92	90	85	92	94	95	99	94	91.4
	Minimum	68	70	74	72	75	74	72	71	79	68	65	63	68	60	56	57	60	62	65	65	74	70	71	69	72	69	71	71	72	72	74	68.7
Texarkana	Maximum	96	98	100	103	99	98	97	92	96	88	90	92	85	85	87	92	92	93	95	95	85	88	90	86	92	86	89	96	96	96	94	92.6
	Minimum	60	68	70	71	73	70	72	71	76	72	62	63	60	65	62	57	57	63	63	66	71	72	71	69	73	72	70	71	73	71	72	67.9
Thornburg	Maximum	98	98	103	103	104	99	100	88	91	89	86	86	81	82	82	81	91	90	85	99	92	86	86	80	80	80	90	90	96	99	99	90.6
	Minimum	64	67	75	74	71	71	71	71	76	64	67	61	61	66	52	53	52	59	60	63	71	66	74	70	70	70	68	70	77	70	70	66.9
Warren	Maximum	100	100	101	103	98	97	95	95	96	96	89	90	87	84	86	90	93	93	95	95	93	91	90	90	90	89	93	95	95	97	98	93.7
	Minimum	68	71	76	74	70	73	74	74	76	70	71	65	67	61	56	60	61	65	66	69	71	71	71	71	71	71	71	71	72	73	74	69.5
Wilson	Maximum	98	100	101	96	92	94	92	92	92	92	86	87	83	81	88	87	92	94	96	98	95	95	96	94	93	84	88	91	92	91	93	92.2
	Minimum	79	74	75	70	67	75	76	72	75	76	64	57	70	58	51	57	58	64	65	65	74	70	70	72	73	72	69	69	70	71	72	68.7
Wynne	Maximum	100	102	103	100	95	98	92	92	92	89	89	88	86	83	85	89	87	85	95	96	95	96	93	93	93	89	88	92	95	94	94	92.5
	Minimum	72	69	70	74	65	72	70	71	75	72	63	59	75	57	51	52	52	52	52	62	72	68	70	71	71	72	70	68	72	70	73	66.

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist
VOL. XXXI LITTLE ROCK, ARK., AUGUST, 1926 NO. 8

GENERAL SUMMARY

After a June and July marked by mean temperature and average precipitation below normal, August, 1926, was characterized by temperature and precipitation above normal, being the wettest August in Arkansas since 1915. Rain fell at several stations on from ten to fourteen consecutive days beginning about the 12th. Amounts were heaviest in northern counties and resulted in flood stages on the Black River at Black Rock and moderately high stages on the White, however the dammage from overflow was slight. The greatest damage resulted from increased weevil and worm activity in cotton, the progress during this period being poor in a large portion of the State, in fact the crop deteriorated in many localities. During the closing days of the month showers were less frequent and although cotton was too rank in the lowlands and was not fruiting satisfactorily, warm weather and increased sunshine partially overcome the ill effects of the continued showery weather. At the close of the month cotton was opening and picking had begun in all except the extreme northern counties. Late corn and rice made excellent progress during the month and conditions were generally favorable for all minor crops except too much rain for grape harvest, a part of the crop being damaged. Although there was a wide range in temperature during the month, this is to be expected during the summer and all extremes were well within the limits established by previous records.

A tornado occurred in the vicinity of Wilson on the 17th, moving from southwest to northeast over a path 100 yards wide, killing two and injuring eleven. Two men were killed by lightning during the month, one at Kensett on the 16th, the other at Hartman on the 24th. W.C.H.

TEMPERATURE

The mean temperature for Arkansas during August, as determined from the records of 59 stations, was 80.7° which is 1.0° above normal, practically all stations for which normals have been computed showing positive departures. Monthly means ranged from 73.6° at Dutton to 84.2° at Portland and Rison and extremes from 47° at Dutton on the 25th and 26th to 110° at Calico Rock on the 6th. Extremes occurred on approximately these dates over the greater portion of the State. The greatest daily range was 46° at Harrison on the 10th.

PRECIPITATION

The average precipitation for 85 stations was 5.50 inches which is 1.81 inches above normal. Negative departures occurred at 22 stations for which normals have been computed, positive at all others. The greatest monthly total was 12.91 inches at Mammoth Spring. The least, 1.08 inches, was measured at Grannis. The greatest amount measured in 24 consecutive hours was 6.00 inches at Mammoth Spring on the 16th. The average number of rainy days was 10.

Corrections July, 1926

Bee Branch, number clear days should be 16; partly cloudy 12. Waters, number partly cloudy days should be 12; cloudy 7. Wynne, greatest precipitation 24 hours should be 1.00 inch.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 9; 2d, 11; 3d, 12; 4th, 8; 6th, 9; 7th, 4; 9th, 1; 10th, 5; 11th, 23; 12th, 27; 13th, 33; 14th, 23; 15th, 36; 16th, 31; 17th, 25; 18th, 25; 19th, 27, 20th, 28, 21st, 22; 22d, 15; 23d, 27; 24th, 14; 25th, 1; 28th, 10; 29th, 9; 30th, 25; 31st, 10.
SOLAR HALOS:---7th, 1; 13th, 1; 25th, 1; 26th, 1; 29th, 1.
LUNAR HALOS:---22d, 1; 26th, 2.
DENSE FOG:---1st, 1; 2d, 1; 4th, 2; 5th, 1; 15th, 1; 16th, 1; 23d, 1; 28th, 1; 30th, 2.

Hail and Wind Storms

Place	Date	Time	Character	Width Path	Remarks
Wilson	17	6:15 p.m.	Tornado	100 yards	Killed two. injured 11 property damage $15,000.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.98	30.15	29	29.74	20	2,672	22	se.	21	.....	.....	65
Fort Smith.	29.95	30.11	25	29.71	20	4,568	38	sw.	23	80	60	82
Little Rock.	29.97	30.14	29	29.67	15	4,953	40	w.	18	84	64	64
Memphis.	29.98	30.13	28	29.74	1	4,634	37	n.	13	86	70	49

COMPARATIVE DATA FOR AUGUST

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.7**		**115**		**39**		**3.69**		**15**	**10**	**6**	**7**
1891	76.4	−3.3	108	17	11	24	2.75	−0.94	21	8	2	5
1892	78.3	−1.4	106	6	47	31	4.39	+0.70	13	11	7	9
1893	77.3	−2.4	102	8	48	30	3.08	−0.61	18	9	4	5
1894	78.1	−1.6	104	14	48	5	4.63	+0.94	12	11	8	8
1895	79.4	−0.3	102	19	55	1	2.64	−1.05	18	9	4	4
1896	82.6	+2.9	112	6	48	29	2.32	−1.37	17	9	5	5
1897	79.6	−0.1	111	4	45	17	2.59	−1.10	17	10	4	5
1898	79.4	−0.3	108	21	54	12	4.35	+0.66	13	13	5	7
1899	82.2	+2.5	112	12	54	12	2.04	−1.65	19	9	3	4
1900	81.1	+1.4	108	21	57	2	2.95	−0.74	16	12	3	5
1901	80.5	+0.8	109	3	52	7	2.95	−0.74	14	13	4	5
1902	80.7	+1.0	108	4	51	7	2.55	−1.14	19	9	3	4
1903	78.7	−1.0	105	4	47	31	4.34	+0.65	15	12	4	8
1904	78.1	−1.6	105	25	46	27	2.81	−0.88	16	12	3	6
1905	79.1	−0.6	103	25	51	28	3.73	+0.04	18	10	3	6
1906	77.9	−1.8	100	19	42	28	4.92	+1.23	14	10	7	10
1907	82.0	+2.3	113	10	54	4	2.92	−0.77	16	10	5	6
1908	79.3	−0.4	103	6	52	26	4.48	+0.79	15	10	6	8
1909	82.4	+2.7	111	17	47	30	1.27	−2.42	20	8	3	4
1910	79.2	−0.5	104	3	43	27	3.92	+0.23	13	12	6	8
1911	78.0	−1.7	107	9	45	30	8.19	+4.50	11	11	9	12
1912	78.7	−1.0	105	27	45	4	3.30	−0.39	15	10	6	7
1913	82.1	+2.4	107	7	46	23	1.62	−2.07	20	10	1	3
1914	78.5	−1.2	104	3	57	6	6.81	+3.12	8	11	12	12
1915	74.7	−5.0	102	8	40	31	10.44	+6.75	9	9	13	11
1916	81.8	+2.1	107	13	46	24	2.63	−1.06	17	9	5	5
1917	77.1	−2.6	104	16	43	25	4.10	+0.41	16	7	8	8
1918	82.9	+3.2	115	4	52	14	3.90	+0.21	15	9	7	7
1919	80.6	+0.9	113	5	55	19	4.29	+0.60	16	8	7	7
1920	76.8	−2.9	102	6	46	4	4.08	+0.39	13	9	9	8
1921	81.5	+1.8	106	5	56	8	5.46	+1.77	15	9	7	8
1922	80.4	+0.7	111	23	51	27	1.90	−1.79	18	8	5	5
1923	81.9	+2.2	109	4	49	24	2.43	−1.26	18	8	5	4
1924	82.2	+2.5	108	3	43	15	2.40	−1.29	20	8	3	5
1925	80.3	+0.6	108	19	47	1	1.81	−1.88	22	7	2	4
1926	80.7	+1.0	110	6	47	25	5.50	+1.81	14	10	7	10

Climatological Data for August, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	31	79.8[b]	- 0.2	99[d]	6	62	25	34[b]	11.33	+6.97	4.65	0.0	7	15	10	6	sw.	G. C. Thrash
Arkadelphia	Clark	250	30	.....	.. ..	.....	.....	.....	.....	.....	3.60	−0.92	1.39	0.0	8	22	5	6	s.	F. J. Carpenter
Arkansas City	Desha	145	42	.....	.....	.....	.....	.....	.....	.....	2.59	−1.33	1.10	0.0	8	19	9	3	.....	Carl R. Cutting
Arlberg	Stone	700	4	.....	.....	.....	...	.....	...	...	9.90	.....	2.50	0.0	10	9	17	5	ne.	J. D. Reeves
Batesville	Independence	277	27	79.4	−0.1	104	6	58	26	39	10.31	+6.06	3.62	0.0	15	15	4	12	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	34	80.6	+1.2	108	6	59	26	39	5.76	+1.89	2.88	0.0	10	11	14	6	s.	J. E. Scanlan.
Bentonville	Benton	1303	21	77.1	+0.6	100	6	55	25	32	7.47	+3.43	1.87	0.0	13	16	9	6	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	24	.....	.....	.....	.....	.....	.....	.....	8.10	+3.75	2.44	0.0	13	18	2	11	.....	Vernon C. Howe
Blytheville	Mississippi	252	1	80.8[a]	.....	100[a]	6	61[a]	25	29[a]	8.75	.....	2.00	0.0	18	11[a]	6[a]	13[a]	sw.	J. M. Brooks
Booneville	Logan	465	12	83.0	+1.9	108	6	58	25†	37	3.16	+0.17	1.25	0.0	8	18	10	3	s.	F. H. Randolph
Brinkley	Monroe	205	39	83.1[i]	+1.9	103[i]	10	61[i]	8†	37[i]	4.03	+0.51	1.25	0.0	..	7[i]	13[i]	2[i]	s.	H. L. D. Whitson
Calico Rock	Izard	361	22	80.0	+1.1	110	6	58	25	42	8.38	+3.28	1.70	0.0	15	6	19	6	sw.	W. J. Copp
Camden	Ouachita	158	41	81.6	+1.4	99	6†	62	9	34	3.86	+0.60	1.20	0.0	8	11	14	6	sw.	A. B. Quarterman
Center Point	Howard	470	27	82.3	+0.9	102	6	62	25	29	2.59	−0.76	0.70	0.0	6	12	9	10	s.	John C. Floyd
Clarendon	Monroe	200	22	.....	.....	.....	.....	.....	.....	.....	7.07	+2.86	1.40	0.0	13	8	10	13	s.	J. W Bishop
Clinton	Van Buren	516	5	.....	.....	...	.....	...	.....	.....	8.01	.....	1.44	0.0	13	9[a]	19[a]	2[a]	w.	A. L. Stephens
Conway	Faulkner	309	43	82.4	+1.0	107	6	60	26	39	5.89	+2.38	2.26	0.0	12	18	8	5	s.	E. E. Cordrey
Corning	Clay	293	33	80.4	+2.3	104	10	59	25†	39	7.37	+3.73	3.01	0.0	12	15	7	9	sw.	Winfred D. Polk
Dam No. 1‡‡	White	190	3	.....	....	.....	.....	.....	.....	.....	6.69	....	2.42	0.0	11	24	3	4	sw.	J. O. Yingling
Danville	Yell	327	10	.....	.. ..	.....	.....	.....	.....	.....	4.66	+1.13	1.30	0.0	5	6[a]	19[a]	5[a]	s.	C. P. Evans
Dardanelle	Yell	330	40	78.6	−1.4	101	6†	53	26	37	5.35	+1.62	1.49	0.0	7	13	16	2	sw.	G. N. Goodier, Jr.
Dumas	Desha	162	20	83.0	+2.4	103	6	62	8	32	2.97	−0.99	0.88	0.0	13	3	20	8	s.	Ben Johnson.
Dutton	Madison	1590	23	73.6	−1.1	99	6	47	25†	40	4.61	+0.16	1.28	0.0	13	13	13	5	s.	J. M Ricketts
El Dorado	Union	270	25	83.6	+2.5	100	21	66	9†	28	3.07	−0.25	0.90	0.0	6	7	17	7	sw.	J. J Babb
England	Lonoke	229	19	81.2[a]	+0.9	104[a]	6	53[a]	20	36[a]	4.05	−0.55	1.29	0.0	10	12[a]	11[a]	7[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	26	79.0	+1.0	104	10	55	25	36	10.28	+5.16	2.75	0.0	13	11	12	8	n.	Geo. W. Nicholds
Evening Shade	Sharp	600	3	80.0	.....	108	6	57	25†	41	8.14	.....	2.20	0.0	12	4	21	6	sw.	B. F. Gradd
Fayetteville	Washington	1451	39	78.9	+1.3	103	6	54	25	34	3.36	- 0.85	1.00	0.0	12	19	9	3	sw.	University of Arkansas
Fort Smith	Sebastian	457	45	82.6	+2.1	102	6	62	26	26	2.70	−0.96	1.21	0.0	9	18	7	6	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	2	.....	.....	.....	.....	.....	.....	.....	4.36	...	1.18	0.0	10	19	11	1	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	40	.....	.....	.....	..	...[g]	.....	.....	4.86	+1.94	2.20	0.0	8	13	9	9	....	T. J. Logan
Georgetown	White	200	14	.....	.....	.....	.....	.....	....	. .	4.10	−0.12	0.83	0.0	10	12	9	10	s.	W. R. Owens
Gilbert	Searcy	675	3	.....	.....	.....	.....	.....	.....	.....	7.58	.....	3.33	0.0	12	12	14	5	.....	Ben F. Battenfield
Grannis	Polk	900	8	78.4[m]	.....	100[m]	6	57[m]	26	32[m]	1.08	.....	0.52	0.0	3	5[m]	13[m]	6[m]	w	W E. Mc Vay
Gravette	Benton	1250	29	77.1[b]	−0.1	100[b]	6	50[c]	25	33[c]	6.19	+2.21	2.12	0.0	13	26[b]	3[c]	0[b]	sw.	A. F. Stevens
Harrison	Boone	1052	25	78.2[a]	.....	107[a]	6	53[a]	26	46[a]	8.87	+5.15	1.60	0.0	11	14[a]	8[a]	8[a]	.....	G. L. Wright
Helena	Phillips	193	54	82.9	+2.3	102	6†	64	8†	33	4.27	+0.43	1.13	0.0	13	10	1	20	s.	James A. Burnett
Higden	Cleburne	445	8	.....	... ..	.....	.....	.....	.....	.....	6.41	.....	1.34	0.0	12	9	17	5	sw.	Geo. W Baker
Hope	Hempstead	377	55	82.5	+1.1	100	12	63	25	29	5.68	+2.08	2.05	0.0	8	18	4	9	s.	N. P. O' Neal
Hot Springs	Garland	600	35	80.9	+0.5	103	6	63	25	33	3.02	- 0.88	0.69	0.0	14	12	9	10	.....	P. P Patraw
Huttig	Union	175	19	.....	... .	.....	.....	.....	..	.....	6.81	+2.46	4.30	0.0	5	10[h]	12[h]	1[h]	sw.	J. L. Collett
Index	Little River	275	1	.....	.....	.....	.....	.....	.....	.....	4.61	.....	1.00	0.0	11	18	1	12	.....	H. D. Sanderson
Jonesboro	Craighead	345	31	80.2	+0.3	104	6	61	25	31	7.55	+4.01	1.30	0.0	16	17	3	11	ne.	Benedictine Sisters
Junction ‡‡	Union	182	32	82.4	+1.6	101	6	66	8	31	2.22	−1.34	1.36	0.0	4	18	8	5	sw.	J. A. Lowderback
Lambrook	Phillips	155	3	80.6	.....	100	2†	59	8	33	5.52	.	1.40	0.0	11	15	5	11	.....	G. B. Lambert Co.
Little Rock	Pulaski	357	47	81.2	+1.4	103	6	65	25	27	3.99	+0.34	2.01	0.0	9	10	11	10	s.	U. S. Weather Bureau
Lurton	Newton	2100	1	75.8	.....	97	6	56	25	27	5.76		1.50	0.0	10	20	7	4	s.	L. C. Sutton
Lutherville ‡‡	Johnson	775	28	80.1	+1.3	102	6	60	25†	35	5.04	+0.87	1.00	0.0	13	13	13	5	e.	H. G. Lenhardt
McGehee	Desha	148	2	.....	....	.....	.....	.....	.....	.....	2.24	.....	0.66	0.0	10	17	13	1	.....	Walter D. Ellison
Magnolia	Columbia	315	7	84.1[b]	.....	101[b]	23	67[b]	8	23[b]	3.80	.....	2.00	0.0	3	8[b]	9[b]	12[b]	sw.	State Agri. School
Malvern	Hot Springs	277	39	82.4	+2.7	104	6	61	9	37	3.19	−0.46	1.18	0.0	7	17	13	1	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	78.2	+1.0	104	6	58	26	37	12.91	+8.47	6.00	0.0	13	9	14	8	s.	F. M. Daniel
Marianna	Lee	235	14	81.4	+2.0	101	6	63	9	27	6.24	+3.63	2.63	0.0	10	7	18	6	s.	C. N. Houck
Marked Tree	Poinsett	229	21	79.6	.....	99	5	62	7†	29	7.09	+3.12	1.41	0.0	14	9	15	7	ne.	Charles Walton
Marshall	Searcy	1070	12	79.8[b]	+1.1	105[c]	6	51	26	44[c]	11.26	+6.46	3.39	0.0	11	13	6	12	s.	A. J. Park
Mena ‡‡	Polk	1185	38	81.2	+1.8	105	6	63	25	38	4.72	−0.18	2.01	0.0	10	22	6	4	s.	E. W. St. John
Morrilton	Conway	347	5	81.8	.....	106	6	62	25	34	5.30	.....	1.69	0.0	10	15	16	0	sw.	John Cook
Mountain Home	Baxter	800	12	78.4	+0.6	108	6	56	26	43	7.05	+3.15	1.83	0.0	10	11	8	12	w.	B. S. Halbert
Mount Ida	Montgomery	650	27	80.2	+0.9	106	6	55	27	41	2.52	−1.21	1.17	0.0	6	14	10	7	sw.	G. A. Whittington
Newport	Jackson	231	42	81.2	+1.4	104	6	60	25†	35	6.39	+2.91	1.12	0.0	14	12	12	7	n.	A. C. Wilkerson
Osceola	Mississippi	240	28	77.4[a]	−1.6	99[a]	6	54[a]	25	40[a]	7.61	+4.78	1.38	0.0	16	10[a]	15[a]	5[a]	s.	June Thomason
Ozark	Franklin	450	30	81.8[a]	+0.3	104[a]	6	58[a]	26	36[a]	3.48	- 0.58	1.32	0.0	8	20[a]	4[a]	5[a]	sw.	Isham Burrow
Patterson	Woodruff	196	10	.. ...	.....	.....	.....	.....	.....	.....	4.46	+1.73	1.35	0.0	8	24	0	7	s.	W. E. Baker
Piggott	Clay	307	2	...	.....	.....	.....	.....	.....	.....	11.82	.....	3.30	0.0	13	11	13	7	sw.	H. H. Harlan
Pindall	Searcy	1500	4	.....	.....	.....	.....	..	.....	.....	6.93		1.67	0.0	14	13	13	5	se.	W. W. Wood
Pine Bluff	Jefferson	215	39	84.1	+2.7	108	6	65	25	34	4.05	+0.71	0.95	0.0	9	14	3	14	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	33	80.2	−0.8	104	6	61	26	35	9.90	+5.34	4.90	0.0	10	7	13	11	n.	Benedicitine Sisters
Portland	Ashley	122	20	84.2	+3.1	107	22	63	8	36	3.08	−0.89	1.23	0.0	10	5	16	10	ne.	W. E. Edmiston
Prescott	Nevada	329	38	82.4	+1.2	103	6	62	26	31	5.21	−1.83	1.99	0.0	8	11	11	9	n.	C. D. Calhoun
Princeton	Dallas	287	20	.....	.....	.....	.....	.....	.....	.....	.....		..	0.0	..	22	4	5	.....	Foote Coleman
Rison	Cleveland	243	25	84.2	+3.2	104	6†	64	9	38	3.95	+0.58	1.76	0.0	8	4	12	15	sw.	Mrs M. V. Tisdale
Rogers	Benton	1385	35	77.0	0.0	100	6	53	25	37	7.74	+4.18	1.56	0.0	11	13	13	5	s.	Carl A. Starck
Searcy	White	236	17	81.6	+0.7	104	12	61	9†	38	5.36	+1.63	1.32	0.0	10	20	0	11	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19	.....	.....	.....	.. ..	.....	.....	.....	2.34	−1.85	0.80	0.0	5	24	0	7	.....	Miss Grace Field
Story	Montgomery	700	2	.....	.....	.....	.....	.....	.....	.....	2.09	. ....	0.61	0.0	6	18	10	3	s.	S. C. Story
Stuttgart	Arkansas	228	39	81.6	+1.3	103	6	62	25	32	5.47	+1.89	1.32	0.0	10	11	15	5	se	Adam F. Buerkle
Subiaco	Logan	1050	29	82.2	+1.4	104	6	59	26	35	3.29	−0.59	1.05	0.0	11	15	12	4	s.	New Subiaco Abbey
Texarkana	Miller	332	40	82.3	+0.4	101	21†	61	26	33	4.75	+1.55	1.91	0.0	9	14	10	7	s.	H. S. Brashear.
Waldron	Scott	675	7	.....		.....	.....	.....	.....	.....	2.57	.....	1.51	0.0	9	9	13	9	nw.	Dr. Cheves Bevill
Warren	Bradley	206	32	82.6	+1.5	102	6	65	8†	29	2.13	−2.07	1.10	0.0	7	14	11	6	s.	W. L. Shide
Waters	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	3.51	. . .	1.32	0.0	6	15	8	8	w.	J. R. Huddleston
Whitecliffs	Little River	290	22	.....	....	.....	.....	.....	.....	.....	2.57	−0.84	1.51	0.0	3	15	10	6	.....	Nannie O. Schirmer
Wilson	Mississippi	237	1	80.7	.....	98	6	61	25†	28	8.41	.....	2.05	0.0	14	14	6	11	s.	M. W. H. Collins
Wynne	Cross	250	18	81.3	+1.5	103	6	60	25	34	6.25	+2.27	1.90	0.0	14	10	8	13	s.	E. O. Allen
Yancopin	Desha	167	2	.....	.....	.....	.....	.....	.....	.....	5.03		0.95	0.0	15	8[c]	7[c]	13[c]	.....	W. E. Barton
State Means and Extremes				80.7	+1.0	110	6	47	25†	46	5.50	+1.81	6.00	0.0	10	14	10	7	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for August, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	3.6	4.4	5.2	5.2	4.8	5.6	5.6	5.6	7.1	8.7	9.1	9.6	8.7	7.8	7.2	7.2
Dardanelle	do	20	3.1	2.6	2.2	1.8	1.7	1.4	1.3	1.0	0.9	0.7	0.6	0.5	0.5	0.4	0.9	0.6	1.1	1.0	2.0	2.4	2.4	2.4	2.5	3.1	3.0	4.2	5.4	6.1	5.9	5.0	4.4
Little Rock	do	23	1.5	0.7	-0.1	-0.5	-0.7	-1.0	-1.2	-1.4	-1.6	-1.8	-1.8	-2.0	-2.1	-2.2	-2.3	-2.3	-1.9	-1.8	-1.6	-0.8	-0.2	0.0	-0.5	-0.6	-0.3	0.5	0.8	1.9	3.1	3.4	2.9
Pine Bluff	do	25	5.6	5.5	4.9	4.4	3.8	3.4	3.2	2.9	2.6	2.4	2.2	2.1	2.0	1.9	1.9	2.0	2.0	2.4	2.5	2.9	3.4	3.9	3.8	3.6	3.6	3.9	4.5	4.9	6.2	6.8	7.2
Yancopin	do	29	7.3	7.8	8.4	7.9	7.2	6.6	....	....	....	5.7	5.4	5.2	5.0	4.9	4.9	4.8	4.8	4.6	4.5	4.7	4.8	5.1	6.0	6.9	7.8	8.7	10.0	11.7	13.4	14.9	15.3
Danville	Petit Jean	20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.8	1.0	1.7	2.3	2.3	2.1	2.1	3.7	3.5	3.5	3.2	3.0	2.7	2.5	2.5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	0.0	0.1	0.2	0.1	0.0	0.0	-0.2	-0.2	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	0.1	0.7	0.9	2.3	6.4	6.4	6.0	6.3	8.0	7.7	7.5	10.0	7.6	5.3	4.1	3.4	2.4	2.0
Batesville	do	23	5.0	4.9	4.8	4.8	4.7	4.6	4.6	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.4	5.0	5.0	5.7	11.3	13.8	12.8	12.5	13.5	14.0	14.4	15.9	16.1	12.9	10.8	9.5	8.8	7.9
Newport	do	26	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	1.0	1.2	1.4	3.1	9.7	13.2	13.5	15.0	15.4	15.8	16.1	16.5	15.5	13.0	9.5	7.2	5.9
Dam No. 1	Little Red	..	-2.0	-1.0	1.5	-1.0	-1.5	-1.8	-1.9	-2.0	0.0	-0.5	-1.0	-1.6	-1.0	-0.8	-1.0	-1.4	-1.6	-1.6	2.8	3.0	3.0	0.5	0.3	2.6	2.8	7.6	5.0	3.0	2.0	1.0	0.0
Georgetown	White	22	0.6	0.5	0.4	0.6	0.5	0.4	0.4	0.3	0.2	0.1	0.0	-0.1	-0.2	-0.3	-0.3	-0.3	-0.2	0.0	1.2	7.4	11.8	13.4	14.2	15.2	15.8	16.2	16.7	16.7	15.8	14.7	13.2
Clarendon	do	30	7.8	7.8	7.7	7.6	7.7	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	7.0	7.0	7.1	7.3	7.9	10.7	14.2	16.1	17.3	18.4	19.1	19.7	20.1	20.5	20.8	21.0
Gilbert	Buffalo	30	3.5	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	4.1	3.4	4.0	4.1	4.1	4.6	5.5	6.5	6.0	5.5	4.8	4.5	4.2	4.0	3.9	3.8	3.7
Corning	Black	11	5.8	5.7	5.6	5.7	5.7	5.6	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.4	5.7	5.8	7.0	9.2	9.7	9.0	8.1	7.4	7.0	7.1	7.2	7.3	6.9	6.5	6.3	6.2
Black Rock	do	14	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.5	5.0	13.4	14.1	10.7	7.4	11.6	9.2	5.9	4.8	4.6	4.4	4.2	4.2	2.6	2.0
Patterson	Cache	9	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.6	2.9	3.2	3.4	3.7	4.1	4.6	5.1	5.6	6.0	6.4	6.8
Arkadelphia	Ouachita	18	-0.3	-0.2	0.0	0.7	0.2	-0.3	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.5	-0.5	-0.4	-0.5	-0.1	-0.4	-0.6	-0.6	-0.7	0.2	-0.2	-0.5	-0.6	-0.5	-0.7	-0.1
Camden	do	30	4.6	4.5	4.5	4.5	4.4	4.8	5.0	4.9	4.8	4.7	4.3	4.2	4.2	4.0	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.7	3.9	4.3	4.5	4.4	4.3	4.3
Fulton	Red	28	18.8	17.2	15.5	14.6	14.4	13.8	13.0	12.2	11.5	10.7	10.3	9.8	9.4	9.1	8.8	8.5	8.4	8.3	18.4	22.3	24.0	24.2	23.0	21.6	20.7	18.9	16.5	14.6	13.5	13.1	13.1
Springbank	do	37	22.5	20.5	18.8	17.5	16.7	16.5	15.7	15.0	14.1	13.6	13.3	13.0	12.7	12.3	12.0	11.0	10.5	10.2	10.0	20.0	22.3	22.6	22.3	21.0	20.0	18.8	17.0	15.7	13.7	13.2	12.4
Whitecliffs	Little	28	11.7	9.4	7.3	8.1	8.5	5.6	3.3	3.0	1.7	1.5	1.3	1 2	1.2	1.0	0.8	0.8	0.7	0.6	10.6	15.1	17.4	16.2	13.7	13.0	12 4	10.4	8.7	6.8	5.2	3.8	4.0
Marked Tree	St. Francis	17	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.4	2.4	2.2	3.1	3.3	3.5	8.1	3.3	2.9	3.3	5.1	5.7	5.8	6.0	6.1	6.3	6.4	6.5
Helena	Mississippi	44	5.4	5.3	5.3	5.6	6.3	7.2	7.7	8 0	8.5	9.4	10.1	10.4	10.4	10.3	10.5	10.5	10.0	9.3	8.9	8.9	9.5	10.4	11.3	13.1	15.1	17.2	19.4	21.5	23.3	24.5	25.2
Arkansas City	do	48	8.4	8.2	8.1	8.1	8.2	8.5	9.1	9.6	10.0	10.3	10.8	11.7	12.1	12.2	12.3	12.4	12.4	12.2	11.5	10.9	10 7	11.0	12.3	13.2	14.8	16.7	18.8	21.1	23.2	24.8	26.2

Daily Precipitation for August, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita													.21		4.65	.25	1.45		2.15					.87						1.75		11.33
Arkadelphia	Ouachita														.09	.04	.19		.27						.01	1.39		.28				1.33	3.60
Arkansas City	Desha	.15	.06	1.10	.15									.14				.14								.81		.04					2.59
Ariberg	White												.28	.19	1.87			1.60	.78	.62	.35	1.70		.10	2.50								9.90
Batesville	White	1.46	62		.02			.08					.09		.22	T.		.32	.98	.41	1.50	.14	3.62		.08	.68				.09		T.	10.31
Bee Branch	Arkansas				.15							.17	.16		.05			.42	2.88	.25	.32			.24	1.22						.03	.20	5.76
Bentonville	Arkansas	.06													.21	.58	.37	1.50	.42	.03	1.86	.01		1.25					T.		.85		7.47
Black Rock	White	.69	.71	.09			T.								.12		T.	2.44	2.12	.44	.25	.18	.25	.04	.17	.60							8.10
Blytheville	Mississippi	.46	.45	.21	2.00	.86		.03				T.		.40	.23		.05	.99	.69	.20	.77	.09			.38	.17					.70	.07	3.75
Booneville	Arkansas				.01	T.										.96		.55	1.25	.26				.03	.04						T.		3.16
Brinkley	White	T.	T.	.07			T.								.18	.36	.08	.08	.61	1.25	.14	.07		‡	‡	‡	‡	‡	‡	‡	‡	1.19	4.03
Calico Rock	White	.19			.06		T.						.35	1.37	.53	.22	1.70	1.31	.40	.38	.27	.12		1.10	.20					.18			8.38
Camden	Ouachita			1.20	.15										.92	.17		.02							.73			28			.39	3.86
Center Point	Red		T.														41	.66	.04	.33				.45					T.		.70	2.59
Clarendon	White	1.40	.40	.12											.17		.52		1.05	.71	1.20	.43			.95					.08	.02	.02	7.07
Clinton	White	.12		.42									1.04	.52	.65		.50	1.44	1.33	.63	.33	.12		.01	.90								8.01
Conway	Arkansas												2.18	.21		.05		.16	2.26	.11	.04	.06		.08	.62					.01	.11		5.89
Corning	White	.26											.06	.61	.54			1.71	3.01	.27	.18	.27			.27	.10						.09		7.37
Dam No. 1	White	T.	.40		.08								.70	15		.40		.55	2 42	.46	.25			.20	1.08								6.69
Danville	Arkansas				T.										1.15			.43	1.20						1.30							.58	4.66
Dardanelle	Arkansas												1.14		.87			.27	1.30	.08		.20			1.49								5.35
Dumas	Mississippi	.45		.18	.26						.20		.03	.09	.03	.03				.32	T			.10	.38					.02	.88		2.97
Dutton	White												.20		.06	.08	.13	1.14	.30	.11	1.28	.09		.86	.10							.03	4.61
El Dorado	Ouachita			.40	.90	15										T.	.81									17		T.			.64		3.07
England	Arkansas		.51	.10	T.						T.					.53	.36		1.29	.70	.15			.03	.25						.13		4.05
Eureka Springs	White	.41										.03				.11	1.48	1.86	.63	.50	2.75	1.26		.71						.07	.31	.16	10.28
Evening Shade	White	.35					T.							.11	.14	.15	.55	1.80	.50	.14	.45	2.20		T.	1.70								8.14
Fayetteville	White		.07										.15	.16	.36	T	.56	.08	.09		.07	.21		.52						.09	1.00	3.36
Fort Smith	Arkansas															.12	.33	.44	.78	.45			.10	.12					.02		.34		2.70
Freeman Sprgs.	Arkansas	.01												.14	.21	.75		1.18	11	.29	.72	.84			.11								4.36
Fulton	Red	.23		.73	1.17	T.												T.	20		.07	.08				2.20		T.				.18	4.86
Georgetown	White			.28											T.		.70	.83	.48	.32	.42	.12			.12	.39						.44	4.10
Gilbert	White	.45											T	.13		1.25	.20	3.33		.15	.35	.12	.73	.02	.82	.03							7.58
Grannis	Red							.38																					.18		.52		1.08
Gravette	Arkansas		.05									T.	T	.36	.62	.08	.23	.74	.39	.09	2.12	.46	.08	.59	T							.38	6.19
Harrison	White											.05		T.	.72		1.42	1.60	.15	1.02	.78	.77	.97	.37	1.02								8.87
Helena	Mississippi	1.13	T.	.80	.02	12									.06	.26	1.06		T.	.12	.18				.06	.14				.20	.12		4.27
Higden	White	.03		1.06	.13								.14	.22			T	.69	1.06	1.34	.50	T.		.10	1.12								6.41
Hope	Red			2.65										10				.76	.07	.04	T.			1.25	.25						1.16		5.68
Hot Springs	Ouachita			.64	.19								36	.06	.02	.11	.02	.09	.49	T.	T.			.12	.04				.18		.69	.01	3.02
Huttig	Ouachita			4.30										.46		1.13									.70								6.81
Jonesboro	White	.06	.02	.01	.02		T.								.68		1.25	1 30	.46	.42	1.08	.22	.28		.70	.16				.08		.81	7.55
Junction	Ouachita			1.36	.20									.22	T.	.44	T.								T.					T.			2.22
Lambrook	White		1.25	.08	.72									1.40	.03	.80			.27		.18			.03	.13					.63			5.52
Little Rock	Arkansas		.01	T.	.13								T.	T.		.82			T.	2.01	.07	.01			.56				.04		.34		3.99
Lurton	White		T.									.15	T.		.70		1.25	.63	.55	.49	1.50			.19	25							.05	5.76
Lutherville	Arkansas				.01							.28			45	.04	1.09	.40	.65	.15	.51	.90		.45	.15				.05				5.04
McGehee	White				.62								.08	.02		.66	.01	.09		.19				.01	.41					.15			2.24
Magnolia	Mississippi			2.00																										1.47	.33		3.80
Malvern	Red	.17															.60		.03		.40	03				1.18						.78	3.19
Mammoth Spg.	Ouachita			.28										1.25	.46	.59	6.00	.96	1.03	.36	.67	.27		.72	.08							.24	12.91
Marianna	White		12		.06									.33	.03	2.63			1.45	.95	.20			.12	.35								6.24
Marked Tree	Mississippi		.19	T.	.33	.35	T.						T.		61		.24	1.41	.97	.92	.47	.18	T.		.97	.39					.01	.05	7.09
Marshall	Mississippi	.06												.35	1.22		1.21	2.01	.22	.16	.80	3.39	1.29	55							T.		11.26
Mena	White				.05									.06	.42	.34	.05	2.01	1.52	07										.17		T	.03	4.72
Morrillton	Ouachita											.01	.03		.63			.03	1.69	.12	.31	.92			1.43							.13		5.30
Mountain Home	Conway											.43			1.83		.53	1.28	1.61	.43	.31	.03		.27	.33								7.05
Mount Ida	Ouachita														.07	.08		.77		.30					1.17				.13				2.52
Newport	White	.08			.57	.17	.66		.21						.36			1.00	1.07	1.12	.64	.12	03		.16	.20								6.39
Osceola	Mississippi	.55	.72	.08	.08		1.36						T.	.35	.10	.25	.65	1.38		.20	.38	.13	T.		1.10	.08				.20	T.		7.61
Ozark	Arkansas														.03		1.32	28	1.03	.08			.58						.14			.02	3.48
Patterson	White	.35															1.04	1.35	.74	.21	.35	.30				.12						T.	4.46
Piggott	Mississippi	.18	.50	T.									1.67	1.47	T.	.40	2.00	3.30	.18	.10	.10			1.61	.05					.26			11.82
Pindall	White												.09	.80	.61	1.67	1.08	.36	.28	.07	.19	.43	.25	.25	.75						.10		6.98
Pine Bluff	Arkansas		T.	70			.13					T.			.61			.39	.95			.65	20		T.	.20						.22	4.05
Pocahontas	White		.16										.10		.20		.08	4.90	.20	1.23	.35	2.36			.32								9.90
Portland	Ouachita				.33	.37						T.		.11		.04		T	.05						1.23	.77		.10			.06	.02	3.08
Prescott	Ouachita													.11	.94	.25		.08	.02		T.			1.99	.20						1.62		5.21
Princeton	Ouachita										T.							.72													.05		
Rison	Ouachita	.59												1.76		.60	.10			.50				.30	.05								3.95
Rogers	Arkansas											.36	.14		.72		.70	.95	.54		1.56	.73		.72							.71	.61	7.74
Searcy	White			.27											.40	1.32		.14	.36	.95	.75	.15			1.00							.02	5.36
Springbank	Red				.33							T.			T.				T.	.40			.15	.33								T.	2.34
Story	Ouachita				.46								T.			.61		.43							.31	.80			.50			.11	2.09
Stuttgart	Arkansas	.10	1.23	.62										1 32		.04			.72	.14	.07				.69						.54		5.47
Subiaco	Arkansas												.01		.08		1.02	.34	1.05	.06	.04			.17	.25				.15			.12	3.29
Texarkana	Red	.22		.10	.65											.11		.05	.25						T.	1.23			.23			1.91	4.75
Waldron	Arkansas				.11									T.	.02			1.51	.31	.12				.02	.12				.33		.03		2.57
Warren	Ouachita	.15	.20	1.10	.20								.05			.25					.18			T.									2.13
Waters	Ouahita			.19												.29		1.82							.56				.77		.38		3.51
Whitecliffs	Red			1.51	T.														.71												T.	.35	2.57
Wilson	Mississippi		1.10				30							.28	1.50	.18	.75	.67	.73	.10	.12			.20	.25				2.05	.18			8.41
Wynne	Mississippi	.06	.53	T.									T.		.45	1.90	.25	1.02	19	1 26	.05	.15	.02	.05	09	.23					T.		6.25
Yancopin	Arkansas	.42		.37	.20	.02								.12	.03	.19	.94	.02		T.	.21	.10			.72	.38				.95		.41	5.08

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Precipitation included in the next following measurement.

Daily Temperatures for August, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	88	89	86	94	96	104	93	90	93	99	96	98	97	94	90	92	92	87	84	88	79	96	93	79	82	96	88	92	93	91	89	91.2
	Minimum	68	68	71	73	71	72	66	59	60	60	66	71	70	71	70	69	71	71	70	67	67	68	71	69	60	58	62	63	70	69	70	67.5
Bentonville	Maximum	82	80	83	92	97	100	92	95	97	96	90	95	93	80	88	84	80	85	88	87	93	92	83	79	79	82	87	88	88	88	88	88.1
	Minimum	66	65	63	66	71	70	65	64	68	64	66	70	70	68	66	68	68	69	68	65	70	69	68	60	55	55	60	68	68	68	69	66.1
Bee Branch	Maximum	92	93	93	97	105	108	104	93	100	102	100	99	99	91	92	94	82	83	86	87	86	97	93	79	80	82	90	92	93	92	88	92.6
	Minimum	67	70	68	71	73	73	74	62	61	65	73	70	70	70	69	69	70	69	70	67	73	69	71	68	60	59	65	72	71	70	69	68.6
Blytheville	Maximum	90	88	88	91	95	100	89	88	92	98	97	96	95	92	87	89	80	87	87	90	90	....	97	76	84	88	95	95	94	95	93	90.9
	Minimum	71	71	71	72	71	74	69	63	64	69	75	74	71	72	72	71	70	74	72	71	73	....	74	71	61	62	78	70	73	72	72	70.8
Booneville	Maximum	93	93	98	102	106	108	101	100	103	104	100	102	103	93	96	91	86	86	92	90	98	99	93	86	85	87	93	94	96	92	93	95.6
	Minimum	70	67	67	72	74	71	74	72	68	67	75	70	70	77	70	72	71	72	71	74	75	73	73	71	58	58	69	74	68	67	68	70.3
Brinkley	Maximum	93	93	90	92	100	103	96	92	98	103	99	101	98	94	94	93	88	91	90	90	86	99	....	....	....	....	....	....	....	....	....	94.7
	Minimum	70	70	72	74	73	75	74	61	61	66	75	75	75	70	73	70	74	71	73	72	74	74	....	....	....	....	....	....	....	....	....	71.5
Calico Rock§§	Maximum	92	91	94	98	103	110	97	96	101	104	100	99	90	87	92	92	83	82	88	90	76	96	93	83	80	88	90	92	95	95	92	92.5
	Minimum	66	70	70	71	71	71	65	59	61	62	68	72	69	73	72	69	70	70	70	67	68	69	71	70	58	59	59	63	71	70	71	67.6
Camden§§	Maximum	94	95	85	92	95	99	94	94	96	96	94	96	91	91	89	91	85	92	92	89	98	99	98	87	84	85	92	92	96	92	92	92.4
	Minimum	72	69	71	71	73	75	77	63	62	65	69	72	73	72	72	71	72	75	77	76	73	73	73	73	65	65	67	73	69	69	69	70.8
Center Point	Maximum	93	90	91	92	96	102	100	97	98	98	96	97	98	93	95	92	87	87	90	89	97	97	94	80	82	87	90	91	97	85	91	92.6
	Minimum	71	70	71	72	74	75	77	70	69	72	75	73	74	71	73	72	70	76	75	74	75	74	76	71	62	65	71	73	71	71	69	72.0
Conway	Maximum	95	96	92	97	105	107	101	97	101	102	99	99	97	90	91	96	86	88	89	89	96	100	97	79	82	83	90	97	96	95	91	94.3
	Minimum	70	70	70	72	75	78	77	63	62	65	75	70	72	72	72	70	73	70	72	70	74	72	73	72	62	60	64	73	72	73	70	70.4
Corning	Maximum	93	88	89	99	98	103	89	88	95	104	100	99	85	84	83	87	86	83	87	89	89	93	89	94	83	86	91	93	94	95	95	91.3
	Minimum	71	70	70	72	72	74	65	68	63	65	75	73	71	73	32	70	69	72	70	67	72	72	72	69	59	59	62	68	73	71	73	69.4
Dardanelle	Maximum	96	92	92	92	96	101	101	98	95	96	98	97	96	98	86	92	96	84	87	93	91	97	96	97	82	82	84	86	92	95	90	92.8
	Minimum	64	63	63	66	69	68	71	62	58	61	69	65	66	68	61	64	65	63	65	69	68	66	67	64	56	53	67	67	63	64	64	64.5
Dumas	Maximum	95	95	89	90	98	103	92	91	95	96	98	98	98	90	97	95	93	98	97	62	100	100	100	83	80	86	93	96	92	95	94	94.2
	Minimum	73	71	71	72	76	76	78	62	63	68	73	75	72	73	73	71	73	76	77	75	74	74	74	72	66	64	67	74	74	73	70	71.9
Dutton	Maximum	81	83	87	80	95	99	93	91	95	95	94	92	93	80	89	81	79	77	83	83	83	91	85	78	79	84	84	86	88	88	86	86.5
	Minimum	60	65	56	63	64	62	62	55	57	55	64	63	62	72	67	61	66	64	64	62	59	63	64	63	47	47	52	63	59	60	63	60.8
El Dorado	Maximum	95	95	90	93	96	99	94	92	94	95	95	97	94	94	89	92	89	95	96	96	100	99	95	89	83	84	93	94	93	91	94	93.6
	Minimum	74	74	70	74	76	76	89	68	66	72	75	74	75	74	74	71	75	76	77	77	76	76	76	73	69	66	72	73	71	73	72	73.5
England	Maximum	95	94	92	96	100	104	96	92	97	99	97	100	94	91	95	92	87	92	90	87	97	98	98	78	83	81	....	95	95	95	94	93.6
	Minimum	70	67	72	71	72	75	76	62	61	65	73	71	63	85	70	70	73	60	65	53	73	70	70	68	57	63	...	70	75	71	71	68.7
Eureka Springs	Maximum	80	81	89	95	99	101	99	99	103	104	96	97	97	81	95	88	79	82	89	87	95	93	85	83	84	88	91	89	90	92	89	91.0
	Minimum	66	66	62	65	71	75	67	63	69	71	72	74	70	70	67	69	68	68	66	63	64	68	71	67	55	56	59	68	68	68	68	67.0
Evening Shade	Maximum	90	90	90	95	99	108	98	98	100	[illegible]	100	104	92	90	94	92	80	83	84	90	78	98	98	87	84	90	91	93	96	95	92	93.0
	Minimum	67	69	69	72	70	72	65	58	59	63	74	70	71	69	68	69	69	70	70	65	68	68	69	67	57	57	60	67	71	67	68	67.0
Fayetteville	Maximum	87	86	87	92	99	103	101	100	100	100	97	96	96	91	89	85	83	81	88	85	93	92	83	80	80	92	90	90	90	89	86	90.7
	Minimum	67	62	61	67	72	71	71	70	70	66	69	74	69	71	65	64	66	64	67	64	75	67	70	66	54	67	57	71	70	65	68	67.1
Fort Smith	Maximum	88	88	92	97	101	102	95	95	97	97	95	98	100	88	97	91	83	86	92	93	99	66	90	85	85	87	90	92	94	93	91	92.8
	Minimum	73	71	70	74	76	76	78	72	72	71	75	75	75	77	73	71	72	71	71	75	78	74	72	70	63	62	68	75	71	71	70	72.3
Gravette	Maximum	82	80	83	92	97	100	91	97	....	....	93	99	95	87	87	83	82	85	88	87	83	89	87	79	87	84	89	89	91	90	88	88.4
	Minimum	59	61	59	63	66	67	67	67	....	....	.. .	70	69	68	67	72	68	69	70	70	69	69	69	65	50	54	60	70	69	67	68	65.8
Harrison	Maximum	88	83	88	101	105	107	96	99	104	105	101	98	92	84	96	91	84	82	90	92	87	95	91	81	82	87	93	....	95	94	96	92.9
	Minimum	63	66	61	65	64	70	62	56	62	59	62	69	67	71	65	68	68	67	65	62	68	66	66	66	54	53	56	....	60	62	66	63.6
Helena	Maximum	90	91	86	91	100	102	91	91	97	100	100	97	100	94	94	93	91	95	97	94	97	102	98	78	84	86	96	99	95	96	96	94.2
	Minimum	71	71	71	73	73	75	74	64	64	69	75	74	75	71	72	70	73	73	77	73	73	75	73	71	66	65	68	73	72	74	71	71.6
Hope	Maximum	94	94	87	93	95	97	95	94	95	96	94	100	97	91	91	93	87	90	94	94	98	97	96	82	85	93	93	95	95	94	93	93.3
	Minimum	72	72	68	71	72	75	76	67	69	67	75	73	73	70	72	71	75	75	76	76	75	71	72	72	63	70	68	75	70	70	69	71.7
Hot Springs	Maximum	94	93	88	90	101	103	95	93	97	97	96	86	92	88	88	90	82	88	87	88	96	98	96	84	81	83	92	94	95	89	90	91.4
	Minimum	69	68	68	71	75	76	76	65	64	67	74	72	71	70	72	68	73	73	71	73	73	73	73	72	63	65	69	71	68	71	69	70.4
Jonesboro	Maximum	91	92	87	93	94	104	100	87	91	97	100	101	69	93	88	89	84	85	88	89	80	97	97	75	80	82	88	92	96	94	93	91.2
	Minimum	69	70	70	72	72	73	70	65	63	66	76	70	73	71	71	63	70	70	70	68	64	72	73	70	61	63	65	70	72	72	71	69.2
Junction	Maximum	98	96	92	94	97	101	93	92	93	94	96	97	94	92	89	92	93	95	94	96	97	99	95	84	85	87	91	95	96	95	97	93.8
	Minimum	67	69	67	68	70	73	74	66	67	69	70	71	73	71	68	71	72	75	73	74	74	75	74	70	68	70	73	72	73	72	70	70.9
Lambrook§§	Maximum	96	100	84	89	97	100	87	82	93	96	96	96	96	90	89	89	88	91	92	88	94	98	97	78	81	85	93	94	93	92	92	91.5
	Minimum	69	72	69	70	71	73	75	59	60	66	72	72	74	70	71	70	72	74	75	71	72	73	72	70	64	61	65	70	72	71	67	69.7
Little Rock	Maximum	93	90	86	89	97	103	91	92	94	95	95	96	91	88	88	89	84	88	82	87	94	96	94	76	80	82	89	92	94	90	89	90.1
	Minimum	72	73	72	73	76	77	75	70	67	72	76	75	74	75	71	70	73	69	75	71	76	77	75	70	65	66	67	71	74	71	71	72.3
Lurton	Maximum	80	80	82	89	94	97	89	90	90	94	90	91	90	80	85	83	78	77	82	80	89	90	86	75	75	80	82	81	86	87	84	85.1
	Minimum	64	64	64	74	72	72	67	66	63	67	73	70	71	67	68	66	67	67	67	61	68	67	68	63	56	58	61	69	69	66	66	66.6
Lutherville	Maximum	88	87	88	94	100	102	101	97	101	101	95	96	98	82	88	86	80	82	87	87	93	95	89	80	80	84	84	90	91	90	89	90.5
	Minimum	69	68	69	70	74	76	75	66	66	67	73	72	70	67	70	69	69	68	71	65	70	70	70	67	60	60	67	72	77	84	69	69.7
Magnolia	Maximum	....	....	94	91	94	96	91	90	93	97	93	94	92	91	92	93	88	92	97	94	99	99	101	88	84	84	95	94	98	91	95	93.1
	Minimum	....	....	69	72	73	74	72	67	73	77	72	76	76	79	75	75	79	79	79	79	80	80	78	75	71	69	76	76	77	76	75	75.1
Malvern	Maximum	99	97	90	93	101	104	98	95	98	100	101	104	95	95	91	93	89	92	93	89	100	102	100	84	83	84	93	94	98	92	92	94.8
	Minimum	70	68	70	71	74	73	76	63	61	69	73	70	71	70	72	68	73	73	72	72	73	73	72	70	63	65	68	74	68	71	68	70.1
Mammoth Spg	Maximum	87	89	85	91	96	104	91	91	94	100	97	99	85	87	87	87	77	82	81	83	79	92	89	77	80	84	88	91	92	91	90	88.7
	Minimum	66	69	70	71	70	73	65	61	61	63	72	71	70	70	72	66	68	69	70	65	68	68	72	69	59	58	60	68	73	71	73	67.6
Marianna	Maximum	89	89	85	90	94	101	96	90	90	95	96	94	96	90	90	87	87	89	90	90	88	99	94	88	83	82	88	91	90	91	90	90.7
	Minimum	72	71	72	74	74	76	75	65	63	69	77	74	74	72	71	72	74	73	73	70	75	75	75	72	65	65	68	75	75	74	72	72.0
Marked Tree§§	Maximum	90	88	92	95	99	87	87	91	97	98	96	93	90	84	87	84	85	87	84	85	92	95	78	83	78	90	92	89	92	91	91	89.4
	Minimum	69	71	72	72	74	70	62	62	65	68	74	74	72	72	70	70	73	72	70	69	73	73	71	63	63	61	65	72	72	70	70	69.7
Marshall	Maximum	85	85	87	96	101	105	103	96	101	102	96	97	96	85	90	81	89	82	86	86	96	93	91	98	81	....	....	....	....	....	94	92.4
	Minimum	75	71	67	68	70	67	66	68	65	64	72	69	68	71	68	69	71	79	67	68	68	66	64	54	54	51	68	68	67	70	71	67.2
Mena	Maximum	92	93	95	94	102	105	103	101	103	100	98	100	102	90	90	92	87	83	88	89	94	93	91	82	81	83	89	89	91	84	90	92.7
	Minimum	68	66	69	70	73	72	73	71	65	66	73	72	71	71	71	70	69	71	72	74	73	72	71	71	63	65	67	70	66	67	67	69.6
Morrillton	Maximum	92	97	93	95	105	106	103	94	98	100	98	100	98	87	90	92	84	86	88	88	96	98	95	82	81	84	87	91	95	92	89	93.0
	Minimum	71	72	71	73	77	77	78	67	64	67	74	70	72	71	72	69	72	69	72	68	72	72	74	70	62	62	67	72	71	72	69	70.6
Mountain Home	Maximum	88	88	88	100	104	108	99	97	103	104	103	95	87	86	92	87	83	81	88	89	80	95	91	81	82	86	91	92	93	94	93	91.9
	Minimum	60	59	65	65	68	68	64	59	60	61	70	70	68	68	69	68	66	66	66	63	69	64	67	66	58	56	59	66	69	68	66	64.9
Mount Ida	Maximum	95	95	96	94	103	106	100	99	100	101	98	101	98	91	84	92	95	87	89	90	98	100	95	80	83	83	91	92	96	82	91	93.7
	Minimum	68	64	65	70	71	70	71	63	60	60	70	68	68	70	70	65	73	72	69	73	70	70	69	68	56	56	55	69	63	67	67	66.8
Newport	Maximum	92	93	90	86	97	104	96	90	93	100	100	101	98	94	95	93	87	88	86	89	84	99	98	78	82	87	94	96	85	97	95	92.5
	Minimum	68	70	71	75	72	75	70	62	62	65	75	74	73	71	71	70	71	72	72	70	73	70	73	71	60	60	63	70	72	72	71	69.8
Osceola	Maximum	89	86	87	91	95	99	89	96	90	97	97	97	95	92	84	97	86	....	87	87	89	89	98	91	75	81	81	92	95	91	94	90.7
	Minimum	62	64	66	65	68	63	64	56	63	68	64	66	64	63	63	62	76	....	65	65	63	68	65	65	54	55	67	61	66	66	66	64.1
Ozark	Maximum	90	90	94	100	102	104	96	95	99	101	97	109	102	89	95	90	85	86	91	91	97	99	85	..	87	89	90	92	95	92	91	93.8
	Minimum	70	62	64	69	67	72	76	72	66	65	73	72	72	74	70	72	71	71	70	72	75	72	67	....	60	58	66	75	78	71	70	69.7
Pine Bluff	Maximum	97	56	97	95	104	108	98	98	100	97	99	103	94	90	92	93	87	93	91	90	101	104	101	80	83	88	95	98	99	93	97	95.5
	Minimum	72	71	74	73	76	78	78	68	66	70	76	75	70	75	73	71	73	75	74	73	76	76	76	72	65	66	70	75	75	73	70	72.7
Pocahontas	Maximum	90	88	90	96	98	104	100	91	97	98	99	99	89	90	89	89	83	82	84	88	85	96	96	78	86	89	92	95	94	96	91	91.7
	Minimum	66	70	70	70	70	74	68	65	62	64	73	73	73	71	70	70	69	69	69	65	69	70	73	68	63	61	62	70	73	70	73	68.8
Portland	Maximum	100	101	92	97	97	104	95	91	95	67	101	99	100	99	94	96	96	100	102	100	106	107	105	90	82	85	93	96	98	98	96	97.2
	Minimum	72	70	70	70	73	75	78	63	64	69	71	72	73	71	72	68	70	74	74	74	74	71	71	71	71	69	71	73	74	72	71	71.3
Prescott	Maximum	95	96	92	92	98	103	99	95	96	97	96	98	96	92	92	91	84	89	93	90	96	98	98	90	82	85	90	93	96	92	93	93.5
	Minimum	70	72	72	73	74	77	77	68	65	66	70	73	75	70	70	70	73	74	76	75	71	73	75	70	63	62	66	76	77	70	69	71.4
Rison	Maximum	95	95	93	98	102	104	104	100	102	101	101	103	103	97	95	92	94	93	94	90	99	100	100	91	85	85	94	97	98	100	97	96.8
	Minimum	72	71	72	71	76	76	79	65	64	68	74	73	71	74	72	70	73	75	73	73	75	74	74	72	65	65	68	74	74	72	68	71.7
Rogers	Maximum	84	79	84	94	99	100	94	97	99	98	89	93	94	81	88	84	81	84	88	88	93	92	84	79	81	85	90	90	90	88	87	88.9
	Minimum	65	65	62	63	66	69	69	61	65	61	63	69	69	69	66	69	69	66	69	64	69	65	69	67	53	54	56	65	66	66	66	65.0
Searcy	Maximum	93	94	89	95	99	107	97	94	99	102	103	104	100	92	97	92	85	87	86	87	85	98	96	77	82	82	91	93	94	95	91	93.1
	Minimum	69	70	70	73	74	74	75	64	61	65	74	72	70	71	72	71	72	72	73	69	73	70	72	70	61	63	61	72	72	71	71	70.0
Stuttgart	Maximum	95	95	88	92	98	103	94	90	95	98	98	99	93	89	88	92	87	92	93	89	94	98	98	88	80	81	93	94	94	93	92	92.7
	Minimum	71	68	71	70	73	76	76	63	63	68	75	74	71	71	72	70	72	70	73	70	74	75	75	70	62	63	66	74	73	71	68	70.5
Subiaco	Maximum	92	91	91	96	102	104	97	97	100	102	97	101	102	98	95	95	90	86	93	90	95	97	94	88	86	87	94	94	93	92	91	94.5
	Minimum	70	69	69	71	76	78	76	68	66	67	70	73	71	70	69	71	70	69	72	69	75	72	74	70	60	59	65	72	69	70	69	70.0
Texarkana	Maximum	92	93	89	93	96	98	98	93	95	98	95	96	97	96	93	90	87	93	95	97	101	101	98	88	86	88	93	97	95	92	92	94.0
	Minimum	70	70	70	69	71	71	76	69	66	65	74	71	73	71	72	71	72	75	73	75	74	73	74	72	63	61	70	70	67	72	68	70.6
Warren	Maximum	90	94	90	94	95	102	98	92	94	94	96	98	95	83	90	91	88	94	95	91	98	100	98	84	82	84	93	91	91	95	95	92.8
	Minimum	72	73	70	70	75	77	79	65	65	69	75	74	74	74	70	70	74	75	76	75	76	76	76	72	68	66	70	75	73	74	70	72.5
Wilson	Maximum	88	88	89	90	93	98	88	88	89	96	96	96	95	92	84	87	88	87	88	90	88	95	96	76	82	81	90	93	92	93	92	89.9
	Minimum	76	71	70	71	71	74	75	74	78	68	76	75	73	72	71	70	70	74	71	73	75	74	74	71	61	61	63	70	70	74	72	71.5
Wynne	Maximum	89	90	90	94	96	103	93	89	92	100	98	100	99	98	88	89	86	90	87	88	94	99	95	80	83	87	92	89	91	94	91	92.1
	Minimum	69	69	72	71	72	75	71	62	62	66	75	74	76	72	71	70	71	74	74	73	75	74	74	72	60	61	66	74	72	71	68	70.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist
VOL. XXXI LITTLE ROCK, ARK., SEPTEMBER, 1926 No. 9

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GENERAL SUMMARY

Although the average precipitation for the month was 0.56 inch above normal and the mean temperature 2.6° above normal, these values do not approach the record of September, 1925, when the temperature averaged 6.3° above normal with an extreme of 113° on the 6th, and the precipitation 2.53 inches above. The month opened with temperatures somewhat above the seasonal average and with the exception of the 9th, 10th, and 11th, continued above until the 25th when a cool wave overspread the State giving the lowest temperatures of the month on the 26th. Light frost was reported at one northwestern station and temperatures of 40° to 45° occurred at numerous northern stations, but no damage was done. There was soon a reaction to warm weather and on the 30th the temperature was about 10° above normal. Most of the rain fell during the first and last weeks of the month, showers being light and scattered during the intervening period. Monthly totals exceeding ten inches occurred at a few northwestern stations, but the area covered was small. Cotton was damaged somewhat and worm and weevil activity increased during the rainy weeks, but infestation was not great and the damage was negligible. There was some delay in picking cotton, but otherwise the weather was generally favorable and satisfactory progress was made in all farm work. Late corn made very good progress and all minor crops were in excellent condition at the close of the month. The rains interfered with rice harvest, but no material damage resulted. There were no disastrous hail or wind storms reported. W.C.H.

TEMPERATURE

The mean temperature for the State during September, as determined from the records of 59 stations, was 76.8° which is 2.6° above normal, all sections showing positive departures. Monthly means ranged from 70.0° at Dutton to 81.3° at Magnolia, a difference of 11.3° between the Ozarks in the Northwest and the southern border counties. Extremes ranged from 101° at Pine Bluff on the 13th to 40° at Lurton on the 26th. The lowest occurred about the 26th or 27th throughout the State, the highest on different dates. The greatest daily range was 47° at Marked Tree on the 20th.

PRECIPITATION

The average precipitation for 83 stations was 3.99 inches which is 0.56 inch above normal. There were a few positive departures in southern and eastern counties, but the heavier totals were confined to the northwestern fourth of the State. The greatest monthly total was 14.55 inches measured at Lurton, the least, 0.27 inch, at Arkansas City. The greatest amount measured in 24 consecutive hours was 4.93 inches at Mount Ida on the 25th. The average number of rainy days was 7.

Corrections August, 1926

Center Point: Number clear days should be 11, cloudy 11.
Searcy: Maximum temperature should be 107 on 6th.
Stuttgart: Number partly cloudy days should be 16, cloudy 4.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--- 1st, 1; 3d, 1; 4th, 12; 5th, 24; 6th, 9; 7th, 8; 9th, 15; 12th, 4; 13th, 13; 14th, 2; 15th, 5; 16th, 1; 18th, 1; 19th, 2, 22d, 3; 23d, 8; 24th, 13; 25th, 16, 29th, 4; 30th, 12; 30th, 1.
SOLAR HALOS:---7th, 1.
DENSE FOG:---6th, 2; 11th, 1; 13th, 2; 14th, 1; 28th 2; 29th, 4; 30th, 2.
LIGHT FROST:---Lurton, 26th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.00	30.46	26	29.72	23	3,468	17	s.	30	.....	.....	55
Fort Smith.	29.97	30.40	25	29.73	23	5,185	25	se.	4	84	63	65
Little Rock.	30.00	30.38	25	29.76	21	5,228	31	nw.	5	85	63	69
Memphis.	30.01	30.34	25	29.80	21	4,989	33	nw.	5	81	67	67

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**74.2**		**113**		**28**		**3.43**		**17**	**7**	**6**	**6**
1891	73.4	−0.8	102	24	40	4	0.94	−2.49	22	6	2	2
1892	70.8	−3.4	96	10	32	14	2.14	−1.29	23	4	3	3
1893	74.0	−0.2	103	14	36	26	3.75	+0.32	19	5	6	5
1894	73.1	−1.1	100	6	38	25	3.56	+0.13	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	−2.07	19	7	4	4
1896	73.3	−0.9	106	17	35	29	3.25	−0.18	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	−2.83	21	7	2	2
1898	75.2	+1.0	104	2	40	7	7.35	+3.92	15	6	9	8
1899	71.9	−2.3	109	3	28	29	1.21	−2.22	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.82	12	12	6	7
1901	72.6	−1.6	101	8	32	18	3.08	−0.35	18	8	4	4
1902	68.4	−5.8	99	8	30	13	5.06	+1.63	15	8	7	8
1903	70.7	−3.5	102	15	34	17	2.47	−0.96	18	7	5	5
1904	75.4	+1.2	101	10	37	15	2.46	−0.97	15	9	6	5
1905	74.2	0.0	100	1	44	4	3.90	+0.47	16	7	7	8
1906	75.7	+1.5	100	1	47	30	6.24	+2.81	11	9	10	10
1907	73.9	−0.3	106	7	38	29	2.22	−1.21	19	8	3	4
1908	73.4	−0.8	101	7	29	28	4.00	+0.57	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2.84	−0.59	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	−1.02	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.24	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	−1.03	18	8	4	4
1913	71.7	−2.5	108	4	33	21	10.10	+6.67	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	−0.24	16	9	5	5
1915	74.9	+0.7	100	19	34	22	1.43	−2.00	16	8	6	3
1916	72.5	−1.7	102	4	30	30	3.40	−0.03	19	6	5	6
1917	71.8	−2.4	99	1	37	29	1.76	−1.67	18	7	5	4
1918	67.3	−6.9	104	15	29	21	4.63	+1.20	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	−0.71	15	8	7	4
1920	74.9	+0.7	100	15	30	30	3.56	+0.13	17	6	7	7
1921	79.6	+5.4	104	2	36	30	3.38	−0.05	14	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	−2.18	22	5	3	6
1923	73 0	−1 2	98	11	45	23	5.56	+2.13	12	7	11	9
1924	69.7	−4 5	103	7	29	30	3.99	+0.56	17	5	8	7
1925	80.5	+6.3	113	6	47	12	3.64	+2.53	16	7	7	7
1926	76.8	+2.6	101	13	40	24	3.97	+0.56	14	8	8	7

Climatological Data for September, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	31	76.4	+2.2	95	21	50	26	32	1.75	−1.54	0.71	0.0	4	12	8	10	se.	G. C. Thrash
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	2.31	−0.33	0.85	0.0	7	17	3	10	s.	F. J. Carpenter
Arkansas City	Desha	145	42	.....	.....	.....	.....	.....	.....	.....	0.27	−2.65	0.21	0.0	3	21	3	6	.....	Carl R. Cutting
Arlberg	Stone	700	4	.....	.....	.....	.....	.....	.....	.....	7.71	.....	2.12	0.0	9	12	10	8	ne.	J. D. Reeves
Batesville	Independence	277	27	73.9	+0.9	98	1	44	26	38	2.18	−1.72	0.78	0.0	10	14	2	14	e.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	34	76.2	+1.8	99	24	47	26	38	5.49	+2.37	1.45	0.0	9	6	15	9	s.	J. E. Scanlan.
Bentonville	Benton	1303	21	71.2	+2.3	90	23	43	25	39	9.34	+5.87	3.42	0.0	11	14	7	9	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	24	.....	.....	.....	.....	.....	.....	.....	3.78	+0.54	1.57	0.0	9	18	3	9	.....	Vernon C. Howe
Blytheville	Mississippi	252	1	77.6	.....	96	14†	49	26†	36	2.07	.....	0.70	0.0	8	18	7	5	w.	J. M. Brooks
Booneville	Logan	465	12	78.3	+2.7	99	17†	50	26	39	5.97	+2.79	2.72	0.0	7	13	9	8	e.	F. H. Randolph
Brinkley	Monroe	205	39	78.3[c]	+3.7	96[c]	14	49[c]	27	38[d]	2.08	−1.15	1.83	0.0	3	16[b]	5[b]	7[b]	ne.	H. L. D. Whitson
Calico Rock	Izard	361	22	74.9	+3.1	98	18	47	26	38	4.70	+1.13	2.31	0.0	11	12	11	7	s	W. J. Copp
Camden	Ouachita	158	41	78.2	+2.8	96	13†	52	26†	38	2.16	−1.16	1.02	0.0	6	15	6	9	s.	A. B. Quarterman
Center Point	Howard	470	27	78.6[c]	+1.9	96[c]	21	50[c]	26	31[c]	3.05	−0.62	1.42	0.0	8	8[c]	9[c]	10[c]	ne.	John C. Floyd
Clarendon	Monroe	200	22	.....	.....	.....	.....	.....	.....	.....	0.89	−2.71	0.58	0.0	6	12	7	11	s.	J. W. Bishop
Clinton	Van Buren	516	5	.....	.....	.....	.....	.....	.....	.....	5.92	.....	1.38	0.0	9	7[a]	18[a]	4[a]	w	A. L. Stephens
Conway	Faulkner	309	43	78.0	+3.0	97	14†	50	26	32	4.49	+0.98	1.22	0.0	6	19	6	5	s.	E. E. Cordrey
Corning	Clay	293	33	74.8	+2.4	98	2†	46	26	32	4.41	+0.69	1.89	0.0	8	18	2	10	sw.	Winfred D. Polk
Dam No. 1 ‡‡	White	190	3	.....	.....	.....	.....	.....	.....	.....	3.63	.....	1.63	0.0	4	19	3	8	sw.	J. O. Yingling
Danville	Yell	327	10	.....	.....	.....	.....	.....	.....	.....	4.95	+2.00	0.85	0.0	10	6	13	11	e.	C. P. Evans
Dardanelle	Yell	330	40	74.4	0.0	98	9	44	26	40	3.07	−0.22	0.98	0.0	7	13	14	3	se.	G. N. Goodier, Jr.
Dumas	Desha	162	20	78.8	+3.2	98	4	52	26	35	3.05	−0.75	1.50	0.0	5	6	19	5	s.	Ben Johnson.
Dutton	Madison	1590	23	70.0	+1.3	90	19	41	26	35	10.57	+6.77	2.70	0.0	8	16	6	8	s.	J. M. Ricketts
El Dorado	Union	270	25	80.2	+3.8	97	2†	53	26	34	2.52	−0.34	0.94	0.0	7	8	17	5	se	J. J. Babb
England	Lonoke	229	19	78.0	+2.9	98	14	50	26†	36	1.77	−1.93	0.54	0.0	6	17	7	6	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	26	73.3	+1.5	94	21	44	25†	37	8.71	+4.75	2.42	0.0	11	12	9	9	s.	Geo. W. Nichoalds
Evening Shade	Sharp	600	3	75.6	.....	99	21	45	26	40	3.55	.....	1.30	0.0	6	3	21	6	sw.	B. F. Graddy
Fayetteville	Washington	1451	39	72.9	+0.5	91	18†	42	26	42	10.61	+7.43	2.37	0.0	9	17	8	5	se.	University of Arkansas
Fort Smith	Sebastian	457	45	77.0	+3.0	95	23	50	26	29	6.83	+3.66	3.11	0.0	6	12	9	9	e:	U. S. Weather Bureau
Freeman Springs	Pope	2240	2	.....	.....	.....	.....	.....	.....	.....	8.91	.....	2.35	0.0	13	15	9	6	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	1.40	−1.44	0.85	0.0	4	12	5	13	.....	T. J. Logan
Georgetown	White	200	14	.....	.....	.....	.....	.....	.....	.....	2.59	−1.39	1.04	0.0	5	16	2	12	s.	W. R. Owens
Gilbert	Searcy	675	8	.....	.....	.....	.....	.....	.....	.....	7.52	.....	1.88	0.0	13	12[a]	10[a]	7[a]	.....	Ben F. Battenfield
Grannis	Polk	900	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0	..	.....	.....	.....	.....	W. E. Mc Vay
Gravette	Benton	1250	29	72.9	+2.1	91	19†	42	25	34	11.10	+7.69	3.10	0.0	9	16	8	6	sw.	A. F. Stevens
Harrison	Boone	1352	25	72.9[d]	.....	99[d]	11†	43[d]	26	37[d]	8.85	+5.26	2.64	0.0	6	16	4	10	.....	G. L. Wright
Helena	Phillips	193	54	79.4	+4.6	97	4†	52	26†	38	5.40	+1.97	2.90	0.0	4	9	14	7	s.	James A. Burnett
Higden	Cleburne	445	8	.....	.....	.....	.....	.....	.....	.....	3.68	.....	1.22	0.0	8	14	11	5	sw.	Geo. W. Baker
Hope	Hempstead	377	55	78.6	+2.6	97	19	52	25	31	1.38	−1.61	0.60	0.0	4	19	7	4	sw.	N. P. O' Neal
Hot Springs	Garland	600	35	77.8	+2.4	97	21	50	26	33	2.34	−1.13	0.89	0.0	9	17	6	7	s.	P. P. Patraw
Huttig	Union	175	19	80.6[j]	+4.4	99[k]	13	56[a]	26	39[k]	0.42	−2.29	0.22	0.0	3	13[b]	12[b]	3[b]	e.	J. L. Collett
Index	Little River	275	1	.....	.....	.....	.....	.....	.....	.....	1.80	.....	0.70	0.0	5	14	2	14	.....	H. D. Sanderson
Jonesboro	Craighead	345	31	76.0	+1.7	94	2†	41	27	34	2.16	−1.33	0.76	0.0	6	23	1	6	sw.	Benedictine Sisters
Junction ‡‡	Union	182	32	80.4	+4.8	97	1†	54	26	28	2.67	+0.39	0.92	0.0	6	21	7	2	sw.	J. A. Lowderback
Lambrook	Phillips	155	3	77.2	.....	95	12†	51	26	40	2.43	.....	1.20	0.0	4	20	0	10	.....	G. B. Lambert Co.
Little Rock	Pulaski	357	47	77.4	+3.3	94	14	50	26	26	1.19	−2.07	0.79	0.0	7	14	8	8	s.	U. S. Weather Bureau
Lurton	Newton	2100	1	71.0	.....	87	18	40	26	28	14.55	.....	3.52	0.0	14	16	8	6	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	28	75.4	+1.4	93	21	47	26	30	8.69	+6.21	4.28	0.0	10	14	10	6	e.	H. G. Lenhardt
McGehee	Desha	148	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0	..	..	.	..	.....	Walter D. Ellison
Magnolia	Columbia	315	7	81.3	.....	96	13†	51	26	28	1.25	.....	0.52	0.0	4	7	16	7	ne.	State Agri. School
Malvern	Hot Springs	277	39	78.4	+4.1	98	21	50	26	39	2.36	−0.82	0.95	0.0	7	17	10	3	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	73.4	+2.0	92	8†	45	26	32	6.30	+3.45	1.93	0.0	11	10	10	10	s.	F. M. Daniel
Marianna	Lee	235	14	77.8	+4.8	94	6	51	27	29	1.27	−2.42	0.79	0.0	4	15	12	3	s.	C. N. Houck
Marked Tree	Poinsett	229	21	76.2	.....	96	13	44	27	47	1.05	−2.21	0.48	0.0	3	17	9	4	ne.	Charles Walton
Marshall	Searcy	1070	12	74.4	+1.9	95	29	44	26	34	8.09	+5.38	2.30	0.0	10	15	5	10	sw.	A. J. Park
Mena ‡‡	Polk	1185	38	76.0	+2.2	94	21	47	26	33	2.71	−0.06	0.69	0.0	10	14	8	8	sw.	E. W. St. John
Morrillton	Conway	347	5	77.6	.....	95	19†	52	25†	31	2.44	.....	1.20	0.0	4	14	14	2	sw.	John Cook
Mountain Home	Baxter	800	12	73.2[b]	+2.2	95[b]	16	43[b]	26	36[b]	7.59	+4.14	2.00	0.0	7	10[b]	5[b]	13[b]	s.	B. S. Halbert
Mount Ida	Montgomery	650	27	77.0	+4.1	98	19	48	26	42	6.32	+2.67	4.93	0.0	4	11	12	7	sw.	G. A. Whittington
Newport	Jackson	231	42	77.8	+4.0	98	14	48	26	36	2.31	−0.33	0.83	0.0	7	11	12	7	n.	A. C. Wilkerson
Osceola	Mississippi	240	28	74.2	+0.7	96	15	42	26†	40	1.07	−1.18	0.62	0.0	3	19	6	5	s.	June Thomason
Ozark	Franklin	450	30	77.9	+1.8	98	21	50	26	33	8.89	+5.90	2.94	0.0	10	19	4	7	sw.	Isham Burrow
Patterson	Woodruff	196	10	.....	.....	.....	.....	.....	.....	.....	2.26	−0.56	1.44	0.0	4	18	0	12	s.	W. E. Baker
Piggott	Clay	397	2	.....	.....	.....	.....	.....	.....	.....	1.75	.....	0.85	0.0	5	17	6	7	sw.	H. H. Harlan
Pindall	Searcy	1500	4	.....	.....	.....	.....	.....	.....	.....	8.02	.....	2.95	0.0	9	12	6	12	sw.	W. W. Wood
Pine Bluff	Jefferson	215	39	80.8	+7.7	101	13	52	26	39	3.03	−0.58	1.20	0.0	5	18	4	8	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	33	75.8	+1.0	95	16†	46	26	36	4.15	+0.55	1.51	0.0	6	13	8	9	s.	Benedicitine Sisters
Portland	Ashley	122	20	80.6	+4.2	101	13	54	26	38	0.54	−2.21	0.35	0.0	5	5	18	7	e.	W. E. Edmiston
Prescott	Nevada	329	38	78.8	+3.0	95	13†	51	26	31	2.86	−0.12	1.41	0.0	3	15	2	13	e.	C. D. Calhoun
Princeton	Dallas	287	20	.....	.....	.....	.....	.....	.....	.....	2.01	−1.02	0.93	0.0	4	22	0	8	.....	Foote Coleman
Rison	Cleveland	243	25	80.3[b]	+2.5	100[b]	14	52[b]	26	35[b]	2.20	−1.17	1.29	0.0	3	5[b]	9[b]	11[b]	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	35	72.4	+1.3	92	18†	41	26	36	7.89	+4.39	2.02	0.0	8	13	5	12	s.	Carl A. Starck
Searcy	White	236	17	77.4	+4.0	97	14	49	27	38	2.19	−1.10	1.00	0.0	7	24	0	6	s.	J. T. Bell.
Springbank ‡‡	Miller	240	19	.....	.....	.....	.....	.....	.....	.....	1.40	−1.91	0.90	0.0	4	20	0	10	.....	Miss Grace Field
Story	Montgomery	700	2	.....	.....	.....	.....	.....	.....	.....	3.59	.....	2.00	0.0	6	14	13	5	s	S. C. Story
Stuttgart	Arkansas	228	39	78.0	+3.2	97	4	50	24†	37	2.56	−0.88	1.51	0.0	5	10	15	5	ne.	Adam F. Buerkle
Subiaco	Logan	1050	29	79.4[b]	+5.8	100[b]	19	49[b]	26	39[b]	4.39	+1.15	2.03	0.0	7	16[b]	4[b]	8[b]	s.	New Subiaco Abbey
Texarkana	Miller	332	40	80.0	+3.2	99	21	51	26	34	1.53	−1.20	0.38	0.0	6	15[b]	8	7	s	H. S. Brashear.
Waldron	Scott	675	7	.....	.....	.....	.....	.....	.....	.....	4.23	.....	2.32	0.0	5	9	11	10	se.	Dr. Cheves Bevill
Warren	Bradley	206	32	79.2	+3.2	98	4	51	26	34	2.03	−2.16	0.95	0.0	3	22	4	4	s.	W. L. Shide
Waters	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	1.94	.....	0.88	0.0	4	12	6	13	w.	J. R. Huddleston
Whitecliffs	Little River	290	22	.....	.....	.....	.....	.....	.....	.....	2.58	+0.19	0.88	0.0	4	12	5	13	.....	Maurice O. Schirmer
Wilson	Mississippi	237	1	76.9	.....	95	14	49	25†	35	0.57	.....	0.30	0.0	2	20	7	3	sw.	M. W. H. Collins
Wynne	Cross	250	18	78.2	+4.4	98	14	49	27	36	0.92	−2.51	0.46	0.0	5	16	6	8	s.	E. O. Allen
Yancopin	Desha	167	2	.....	.....	.....	.....	.....	.....	.....	1.79	.....	0.47	0.0	5	17	5	8	.....	W. E. Barton
State Means and Extremes				76.8	+2.6	101	13	40	26	47	3.99	+0.56	4.93	0.0	7	14	8	8	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for September, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.6	6.0	5.8	6.3	5.8	6.3	15.0	19.7	19.0	18.3	18.2	17.2	14.2	12.1	11.1	10.7	11.4	11.8	12.0	12.3	12.2	11.8	11.2	11.6	12.0	11.0	8.3	7.4	8.1	17.7	
Dardanelle	do	20	4.1	3.9	3.4	2.9	2.9	3.1	3.0	10.2	15.7	15.6	15.2	15.1	14.6	12.0	9.7	8.4	7.6	8.0	8.6	8.7	9.0	9.2	8.5	8.1	8.1	9.5	8.9	6.8	5.4	9.7	
Little Rock	do	23	2.2	1.5	1.0	0.8	0.4	0.0	-0.2	-0.1	3.0	12.8	14.2	13.9	13.7	13.3	11.5	9.3	7.3	6.0	5.7	6.1	6.8	7.0	7.4	7.0	6.3	6.0	7.0	7.4	6.0	4.0	
Pine Bluff	do	25	6.8	6.2	5.7	5.3	5.0	4.8	4.4	4.0	4.1	10.8	16.1	16.9	16.7	16.7	16.0	14.8	13.0	11.5	10.4	10.3	10.7	11.0	11.3	11.1	11.2	10.6	10.5	11.3	11.5	9.9	
Yancopin	do	29	17.2	17.6	17.4	17.2	16.7	16.2	15.5	14.5	13.4	12.6	16.2	21.4	23.2	24.0	24.5	24.4	23.9	23.4	23.2	23.0	23.0	23.1	23.3	23.4	23.5	23.4	23.0	22.8	22.8	22.7	
Danville	Petit Jean	20	2.4	2.2	2.1	1.9	1.8	1.8	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.9	

Daily River Stages Continued

ions	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ock.....	White.....	18	1.9	1.5	1.6	1.5	1.3	1.3	5.9	6.4	5.3	4.8	4.1	3.8	3.6	3.3	3.4	3.7	3.4	2.9	2.7	1.7	1.4	1.5	1.7	1.2	1.2	6.8	6.6	4.1	7.0	17.0	
e.....	....do.....	23	7.5	7.3	6.7	6.7	6.5	6.2	6.3	11.9	11.9	10.9	10.1	9.6	9.2	8.9	8.5	8.9	9.1	8.7	8.2	7.8	7.0	6.3	6.6	6.9	6.1	6.8	13.5	13.0	10.5	15.9	
.....	...do.....	26	4.8	4.1	3.8	3.4	3.2	2.9	2.8	4.0	7.4	7.4	6.8	5.2	5.4	5.9	4.6	4.4	4.7	4.6	4.0	3.9	3.4	2.9	2.4	2.7	2.7	2.5	4.1	8.0	7.0	8.0	
1.....	Little Red..	..	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1 4	-1.6	-1.6	-1.7	-1.7	-1.8	-1.8	-1.9	-1.9	-2.0	-0.8	-0.6	-0.9	-1.2	-1.4	-1.4	-1.5	-1.6	0.0	0.4	0.6	0.8	0.6	0.5	
wn.....	White.....	22	12.6	9.8	8.0	7.2	6.0	5.4	4.7	4.2	4.2	6.2	8.0	8.2	7.8	7.4	6.8	6.0	5.8	5.6	5.6	5.5	5.4	4.8	4.2	3.7	3.2	3.2	3.0	3.3	7.2	8.0	
n.....	....do.....	30	21.0	20.6	19.9	18.8	17.6	16.3	15.3	14.3	13.5	12.9	13.4	14.4	15.1	15.3	15.2	14.9	14.5	14.1	13.8	13.6	13.6	13.3	13.1	12.6	12.1	11.7	11.4	11.3	11.3	12.7	
.....	....do.....	30	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.6	3.7	3.6	3.6	3.6	5.0	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.5	5.4	12.5	7.5	5.7	9.0	23.0	
.....	Black.....	11	6.4	6.3	6.2	6.2	6.3	6.3	6.4	6.2	6.1	6.0	5.9	5.8	5.8	5.7	5.7	5.7	5.7	5 7	5 6	5.6	5.5	5.5	5.5	5.4	5.5	5.6	6.0	6.4	6.7	7.0	
ock	....do.....	14	2.0	2.0	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	2.0	2.0	2.0	4.0	3.9	
u	Cache	9	7.2	7.6	7.9	8.0	8.0	8.0	7.8	7.4	7.0	6.7	6.3	6.0	5.6	5.3	5.0	4.7	4.4	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.7	2.6	2.5	2.5	2.4	2.4	
hia ...	Ouachita...	18	-0.4	-0.6	-0.7	-0.7	-0.7	-0.5	0.1	-0.3	-0.1	-0 2	-0.5	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.4	0.0	0.5	0.4	0.4	0.0	
.....	...do.....	30	4.3	4.2	4.9	4.8	4.7	4.6	4.5	4.5	4.4	4.8	4.9	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.2	4.0	4.1	4.2	4.3	4.4	4.4	4.3	
.....	Red... ...	28	13.1	13.1	13.1	12.4	11.7	11.1	11.0	11.0	11.6	11.8	11.4	12.2	14.0	14.3	13.0	12.2	11.4	11.0	10.6	10.4	10.3	10.3	10.3	10.1	10.0	9.6	9.3	9.2	8.9	8.8	
ank	...do.....	37	12.0	12.0	11.9	11.7	10.8	10.0	9.5	8.7	8 1	7.5	7.9	8.0	8.0	10.3	11.0	10.0	9.0	8.5	7.5	7.5	7.0	6.6	6.6	6.0	5.8	5.3	5.3	5.0	5.0	4.8	
ffs.....	Little	28	4.0	3.4	2.8	2.5	2.2	2.0	1.6	1.5	1.0	0.8	1.0	1.6	4.3	4.6	3.2	2.6	1.8	1.6	1.2	1.0	0.8	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.4	0.3	
Tree..	St. Francis.	17	6.5	6.6	6.6	6.6	6.5	6.5	6.3	5.7	5.5	5.4	2.5	4.9	4.9	4.8	4.6	4.4	4.3	2 5	3.8	3.8	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.2	
.....	Mississippi..	44	25.4	25 3	24.9	24.4	23.7	22.8	21.7	20.4	19.5	20.1	22.3	24.4	26.0	27.0	27.7	28.3	29.0	29.7	30.1	30.3	30.3	30.2	30.1	30.0	29.9	29.8	29.4	29.0	28.8	28.6	
s City..	..do.....	48	27.5	27.9	28.2	28.2	27.7	27.3	26.7	26.3	24.9	23.6	23.5	25.4	27.8	29.6	30.8	31.6	32.2	32.6	33.0	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.2	33.0	32.8

Daily Precipitation for September, 1926

ions	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
.....	Ouachita.					.47																		.71	.04	.53							1.75
phia |||	Ouachita.						.74	.48	.03							.03							.85	.05		.13							2.31
s City	Desha.....						.01	.21								.02																	0.27
.....	White.....					.60				.38				1.00	.10								.10	1.23		2.12			1.45	.73			7.71
lle .....|||	White.....	.04					.18		T.	.35	.02				T.	T.	T.							.10	.10	.22	.24	.22		T.	.78	.02		2.18
nch	Arkansas.....					.26				.06				1.00		T.								1.45		.53			1.00	.87	.22		5.49
ville ..*	Arkansas				1.06	2.36		.32		.86			T.	T.										.05	.16	.78	.07	.02	1.63	2.03			9.34
Rock ...|||	White.....						.22							T	.25	.03								.15	.44	.06	1.01		.05	1.57			3.78
ille.....	Mississippi....	T.					.70			T.	.18													.08	.18	.18	.02			.70	.03		2.07
ille	Arkansas.....				T.	.02		1.18		.62														.30		.15			.98	2.72			5.97
y	White.....					T.	1.83																		.07	T.					.18		2.08
Rock |||	White					.03	.13			.14	.04					T.					T.			.06	.20	.87	.20		.09	2.34	.60		4 70
n	Ouachita ...						.72	.11								.04								.09	.18	1.02							2.16
Point...	Red.....					.48	1.42	.31						.10									.04	.58	.07	.05							3.05
don ....|||	White.....						.58	.02									.12	T.							.10	.04	.03				T.		0.89
.....	White.....	01				.01				.38			.82						.35			1.06			1.38			1.20	.71				5.92
y	Arkansas..					.32				.66													1.16	1.22		1.06			.07				4.49
g	White ...					.54	.20									.53	.17								.26	.36	.46			1.89				4.41
o. 1....	White					T.																		.65	1.63					.70	.65			3.63
e	Arkansas.....						.20		.70	T.						.65	.65							.85		.12	.12			.22	.69	.75		4.95
elle ...|||	Arkansas																							.84	.16	.05	.14			.20	.98	.70		3.07
.....	Mississippi....				T.	.05	1.50	1.00		T.						T.																		3.05
.....	White				T.	.80		.42		1.34													.05	1.00		2.69			1.87	2.70			10.87
do ....|||	Ouachita.....				.94		.03	.50								.70								.04		.28	.03							2.52
ad	Arkansas				T.	.27	.34			.54					T.	.31								.21		.10			T.				1.77
Springs	White				.15	1.83		.20		.52			.05										T.	.12		2.42	.07	.07	1.36	1.92			8.71
g Shade..	White.....				T.	T.				.05				T.									T.	.95		1.00			1.30	.20	.05		3.55
eville	White.....				.40	1.99				1.89													T.	.18		2.16	.05		1.55	2.37	.02		10.61
nita ..*	Arkansas....				T.	.67		.04		.68																1.44	T	T.	1.64	2.36			6.83
n Sprgs.				Arkansas ..	.02				.24	.05		.10	.68	.17					T							1.04	.04	2.35	.24		.93	1.50	1.55		8.91
.....				Red.....	.05			.06		T.	.04	T.														.85		T.							1.00
town .. |||	White						.92	.28																	.06	.29					1.04		2.69
..... |||	White.....					.34	.29		.02	.70	.06			.10	.03									.68		1.88	.10		.66	1.40	1.26		7.52
s.....	Red																																
te.....	Arkansas.....				1.55	3.10				1.60				10												1.05	.15	.15	.80	2.60			11.10
on.....	White					.76			1.02					T										1.03		1.80			1.60	2.64			8.85
.....	Mississippi....						2.00	.30								T.								.20			2 90						5.40
n	White.....					.09		T.		T.				.64	.02									1.22		.67			.84	.16	.04		3.68
rings.....	Red.....			.03		.25	.50																.60										1.38
	Ouachita.....				.08	.10	.31	T.						.44									.07	.44	.31	.58			.01				2.34
....	Ouachita.....						.22								.12								T.			.08							0.42
....	Miller.....	.44					.47	.01	.18															.70									1.80
oro .....|||	White.....						.34			.76						.20									.15	.05	.11			.75			2.16
on	Ouachita.....			.67		T.	.30									.10							.32		.92	.26							2.67
ook.. ...	White.....						1.20	.08						T.												1.05								2.43
o Rock .*	Arkansas.....				T.	.40	.39			T.									.03				.01	.16	T.	.19			T.	.01			1.19
....	White.....				.75	.52		.08		1.65				1.03	.01								.15	1.09	1.04	3.52	.01		1.32	3.34	.04		14.55
ville	Arkansas.....	.34			.22	.14		.18		.71													.04	.61	T.	.62			1.55	4.28			8.09
lia.....	Mississippi ...						.45	.52																.07		.21							1.25
rn ..... |||	Red.....					.02	.95	.16																.65	.05	.03	.50						2.36
oth Spg. |||	Ouachita.....	.24			.20	.10				T.			.17	.15									.22	1.04	1.55	.48			1.93	.22			6.30
nna	White						.79								.03										.31	.14							1.27
d Tree |||	Mississippi....						.22																		T.		.48	T.		.35			1.05
all.....	Mississippi..				.16	.21				1.04				.16	.10								T.	.57		2.12		1.31	2.30	.12			8.09
..... |||	White	T.					.46		.02	.05	.36													.20		.22	.02		.32	.69	.87		2.71
lton	Ouachita.....					.31																		1.20		.52				.41			2.44
ain Home..	Conway.....					.54		T.		.62													.10	.96		1.85			2.00	1.52			7.59
ida	Ouachita.....					.28	.18																	.93		4.93							6.32
ort ..... |||	White						.21				.07														.51	.83		.16		.53	.03		2.34
a..... |||	Mississippi....						.08																		T.	.37	.62						1.07
.....	Arkansas.....				.62	.23	.04	.89		.98														1.00	.03	1.40			.76	2.94	T.		8.89
son .... |||	White.....						1.44																			.25	.31						2.20
ct..... ..	Mississippi....				.22	T.				T.				.07	T.	T.								.16	T.	.45			.85				1.75
ll.....	White.....				.22	.23	.03			.45													.13	.84	1.80				1.37	2.95			8.02
Bluff .... |||	Arkansas.....						1.20	.28								.98									.04	.53					T.		3.03
ontas... ..	White.....					.22								.38									.18	.47		1.51			1.37				4.13
nd .. ... |||	Ouachita							.08						.01		.35				.05					.05								0.54
ott ..... |||	Ouachita...				.77	1.41																	.68			.28				.10			2.86
eton .... |||	Ouachita													.70	.93																		2.01
....	Ouachita						1.20	.90		.10														.12		1.60	08		1.41	1.86			2.20
g	Arkansas.....				.16	2.02				.64													.05	.06	1.00				.10		.08		7.89
r.....	White.....					.85					.05													.90		.25					.05		2.19
rbank ... |||	Red	T.	T.	T.	T.		.20	T.																.46		2.60			.08	.07			1.40
..... |||	Ouachita.....							.22	.16															1.31	.42	.04							3.59
art ..... |||	Arkansas.....					.14	.65							T.	T.								.10	.13					1.30	2.03			2.56
ro	Arkansas.....				.07	.16				.60														.35	.30	.20							4.39
kana ... |||	Red.....	.38			.05		.25														T.		T.			.18			.64	2.32			1.53
on.....	Arkansas				T.	.36	T.			.73										T.						.70							4.23
n..... |||	Ouachita.....						98									.35								.33		.34			.39				2.03
s.....	Ouahita.....							88																.50		T.							1.94
cliffs.... |||	Red.....						.88	.53	.67																.12	.27							2.58
n.....	Mississippi....						.30																	T.		T.	.46			.01	.10			0.57
e..... |||	Mississippi....							.23	T.							T.	.47							T.	T.	.45	.22						0.92
pin..... |||	Arkansas.....					T.	.36	.29																									1.79

itation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

‡ Precipitation included in the next following measurement.

Daily Temperatures for September, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Batesville§§	Maximum	98	89	89	89	88	88	87	91	81	80	86	92	87	92	88	92	93	83	94	92	92	83	83	77	56	64	68	63	81	84	
	Minimum	70	71	70	75	74	67	64	66	71	55	53	54	63	67	68	66	63	63	67	65	63	62	73	72	55	44	50	54	59	62	
Bentonville	Maximum	86	87	88	82	75	81	85	88	75	79	85	86	77	88	86	88	89	88	88	88	87	80	90	89	50	51	58	61	69	82	
	Minimum	70	72	72	69	64	61	66	68	57	55	59	62	66	66	68	68	69	66	66	66	65	62	71	56	43	43	49	52	61	66	
Bee Branch	Maximum	90	89	90	90	87	86	87	93	90	84	90	93	92	92	91	91	93	92	96	94	94	89	84	99	88	65	67	66	84	87	
	Minimum	69	69	68	72	74	67	68	69	70	58	54	55	68	66	68	67	65	67	69	68	68	71	70	72	51	47	50	58	60	64	
Blytheville	Maximum	93	93	94	92	91	89	93	95	83	85	88	92	91	96	94	95	95	95	96	94	96	95	90	93	76	70	70	69	88	95	
	Minimum	71	72	71	72	74	70	66	71	73	52	52	57	71	69	70	69	66	69	73	68	68	72	73	62	53	49	49	57	64	69	
Booneville	Maximum	90	93	94	91	86	89	89	94	87	86	93	97	86	97	93	95	99	98	96	98	99	91	93	95	87	65	76	70	80	88	
	Minimum	74	72	76	76	73	70	70	74	69	63	59	62	69	58	70	68	68	66	65	65	64	68	73	78	53	50	57	60	65	68	
Brinkley	Maximum	..	..	..	94	88	86	91	95	86	85	87	94	95	96	95	94	94	94	94	93	93	89	94	91	81	82	76	82	94	98	
	Minimum	..	..	74	71	72	70	69	70	75	59	54	64	61	66	67	68	65	67	72	68	66	74	74	73	63	..	49	58	56	67	
Calico Rock§§	Maximum	92	92	92	92	87	89	88	94	79	83	89	95	88	94	92	96	96	98	93	96	96	85	85	91	56	67	71	62	69	88	
	Minimum	70	70	71	74	73	65	63	65	71	55	56	57	58	68	67	66	65	64	65	67	65	66	67	69	52	47	49	53	58	62	
Camden§§	Maximum	93	93	94	94	94	87	93	93	93	88	91	93	96	94	93	93	95	92	95	96	96	78	93	88	79	70	75	88	91	91	
	Minimum	69	71	70	71	72	72	70	71	71	65	58	58	58	66	67	68	65	65	67	69	66	67	73	74	73	52	52	54	61	66	
Center Point	Maximum	..	..	..	92	91	86	92	92	86	87	89	95	89	94	92	93	93	93	95	95	96	87	88	91	80	67	71	81	90	90	
	Minimum	..	..	..	71	72	70	71	73	73	64	62	64	72	71	70	72	71	73	71	72	70	71	71	74	55	50	66	63	70	70	
Conway	Maximum	94	92	93	95	91	85	90	96	86	85	89	93	92	97	92	96	97	96	96	95	97	85	85	91	83	66	70	70	86	91	
	Minimum	73	72	72	73	75	69	70	72	70	60	57	58	68	68	70	69	68	67	71	68	68	75	71	75	52	50	52	60	63	67	
Corning	Maximum	92	93	92	90	90	86	87	91	85	78	81	86	84	89	93	92	93	93	92	92	92	83	83	89	79	66	65	63	76	88	
	Minimum	71	72	71	74	71	66	61	68	67	53	52	54	69	66	64	64	66	68	70	68	66	72	72	72	49	46	47	54	60	70	
Dardanelle	Maximum	92	93	94	94	94	92	86	87	98	88	83	87	92	87	92	92	92	92	91	95	91	91	87	89	94	83	63	68	69	83	
	Minimum	65	66	66	67	69	62	65	66	67	56	51	53	62	61	65	62	63	62	61	63	61	66	65	69	54	44	48	53	57	59	
Dumas	Maximum	96	96	96	98	97	78	94	96	95	87	88	92	97	97	95	96	94	92	94	92	90	88	90	81	77	70	72	90	94	94	
	Minimum	71	72	71	72	74	72	68	71	71	63	58	60	70	70	68	68	66	69	70	69	69	71	74	74	55	52	54	58	66	66	
Dutton	Maximum	85	86	85	84	75	82	83	87	77	81	82	84	86	86	84	87	88	89	90	90	90	78	84	86	74	52	64	62	70	80	
	Minimum	64	66	65	69	64	58	61	67	64	50	51	52	63	61	61	59	61	57	56	68	55	56	68	65	44	41	50	55	61	62	
El Dorado	Maximum	96	97	96	94	94	89	93	96	94	88	92	95	97	93	94	93	94	88	94	93	92	85	95	91	85	72	79	93	95	96	
	Minimum	72	72	71	73	73	74	72	73	74	66	61	61	70	71	69	71	70	70	70	70	67	74	74	74	56	53	57	62	70	69	
England	Maximum	94	93	94	95	93	84	91	95	85	84	89	92	96	98	94	95	95	95	95	94	94	85	92	90	80	70	78	88	93	92	
	Minimum	69	71	70	72	73	71	69	70	70	60	55	56	66	66	67	69	65	67	71	60	69	73	74	74	55	50	50	57	61	68	
Eureka Springs	Maximum	85	88	88	83	74	88	87	88	78	84	84	86	81	90	88	90	90	92	93	93	94	91	88	89	81	54	59	59	69	84	
	Minimum	69	72	71	69	65	65	64	71	62	54	55	63	70	67	69	67	67	64	66	65	65	64	70	72	44	44	49	53	59	65	
Evening Shade	Maximum	91	93	93	92	91	91	89	94	85	86	90	90	86	94	91	97	98	98	97	96	99	90	82	90	82	64	69	69	76	89	
	Minimum	70	72	71	72	70	65	60	68	70	51	50	52	68	65	68	65	61	62	64	66	63	64	70	73	50	45	50	57	60	63	
Fayetteville	Maximum	84	87	87	85	78	81	85	88	84	82	84	84	85	88	89	89	89	91	90	89	91	83	90	89	86	56	62	60	69	81	
	Minimum	70	72	72	70	64	58	68	72	62	57	58	64	66	67	65	67	66	65	63	63	63	61	70	72	44	42	52	53	53	66	
Fort Smith	Maximum	89	92	92	91	81	85	89	94	79	81	87	94	81	95	92	94	92	93	94	81	95	94	94	96	66	62	71	65	75	88	
	Minimum	73	76	76	77	68	68	72	73	68	64	62	65	68	69	71	71	72	71	70	71	70	71	74	66	51	50	57	60	65	67	
Gravette	Maximum	86	88	87	81	76	82	87	88	82	81	84	87	78	87	85	87	88	90	91	89	91	83	90	88	76	49	55	59	68	82	
	Minimum	70	72	72	67	68	62	68	72	67	67	61	65	67	61	70	68	69	68	66	67	67	64	71	74	42	43	47	50	58	66	
Harrison	Maximum	..	96	94	..	90	85	87	94	72	81	90	91	86	99	97	98	..	..	..	98	96	96	89	93	99	51	56	65	63	69	93	
	Minimum	..	68	67	..	62	61	67	68	52	54	57	64	63	67	65	64	..	..	..	61	63	61	61	70	62	46	43	51	48	59	64	
Helena	Maximum	95	96	96	97	96	83	94	95	93	86	89	97	96	96	96	96	96	96	94	93	92	91	93	92	81	70	77	87	93	95	
	Minimum	72	72	72	73	74	70	70	71	71	63	58	59	69	66	67	69	66	68	72	69	69	74	75	74	54	52	52	58	66	66	
Hope	Maximum	93	94	93	95	94	91	92	89	89	88	89	93	94	93	94	93	94	92	97	93	95	82	89	87	86	67	77	90	92	93	
	Minimum	72	72	71	72	74	71	71	72	70	64	59	60	67	67	68	69	67	67	66	67	70	75	70	74	52	56	61	59	60	60	
Hot Springs	Maximum	90	90	92	90	90	84	89	93	85	86	91	96	89	96	92	93	95	95	96	95	97	89	85	90	75	65	72	82	89	89	
	Minimum	72	73	69	72	74	71	70	72	71	62	58	60	68	67	70	69	68	68	68	70	70	73	71	73	52	50	53	61	64	68	
Jonesboro	Maximum	92	94	93	93	92	84	93	94	79	77	81	90	87	90	92	92	90	90	91	90	90	88	83	91	81	70	69	64	82	90	
	Minimum	71	72	73	73	71	69	64	71	70	57	55	57	70	69	70	69	68	68	73	69	70	69	69	74	52	62	41	58	57	56	
Junction	Maximum	97	96	95	97	94	92	94	95	94	93	96	95	96	97	94	94	94	93	94	90	92	93	92	93	85	72	74	79	91	93	
	Minimum	71	72	74	73	72	73	71	71	70	74	69	68	68	71	70	69	68	70	69	70	68	69	71	70	69	54	57	65	66	67	
Lambrook §§	Maximum	91	92	91	92	94	86	90	92	80	83	86	95	94	95	94	92	93	92	92	92	92	91	89	94	89	76	68	75	86	91	92
	Minimum	69	69	68	71	71	70	67	70	68	61	53	55	67	67	65	67	62	66	69	66	68	72	75	72	72	51	51	55	64	64	
Little Rock	Maximum	89	89	90	90	87	83	88	91	82	80	87	90	90	94	90	91	92	91	92	92	92	83	88	88	74	65	69	78	88	90	
	Minimum	71	74	72	73	71	70	71	74	69	62	62	64	71	72	71	73	71	72	74	74	73	74	71	74	51	50	52	60	63	69	
Lurton	Maximum	82	84	82	84	79	81	82	86	75	79	81	84	85	85	84	86	86	87	85	85	85	74	80	84	70	56	64	62	66	79	
	Minimum	67	68	66	68	62	64	65	69	63	54	57	63	68	67	65	66	67	69	68	66	67	66	68	68	42	40	49	55	56	64	
Lutherville	Maximum	86	88	90	87	81	80	85	91	83	82	85	87	84	89	88	92	91	92	91	91	93	86	86	90	79	61	66	66	70	80	
	Minimum	71	73	71	73	70	67	68	71	68	58	57	62	70	68	69	70	69	71	67	70	71	72	71	73	49	47	53	54	57	66	
Magnolia	Maximum	92	93	94	94	92	87	95	94	95	87	90	93	96	96	95	94	92	92	93	94	94	79	92	90	83	70	79	91	92	94	
	Minimum	75	75	75	76	77	77	76	75	76	66	67	76	77	74	76	74	78	71	69	74	75	76	76	78	58	51	57	63	71	68	
Malvern	Maximum	92	91	94	93	90	87	91	94	87	86	91	96	95	97	95	93	97	95	97	96	98	87	90	91	78	68	74	85	90	93	
	Minimum	70	72	70	71	72	71	70	72	71	62	57	57	67	68	67	68	67	69	68	71	70	73	71	72	54	50	52	61	63	66	
Mammoth Spg	Maximum	88	90	91	88	85	84	83	92	83	79	84	85	82	89	88	92	91	91	91	90	90	80	81	86	81	60	63	62	66	87	
	Minimum	70	70	70	73	71	64	60	68	67	54	53	55	68	66	69	66	65	65	67	68	66	68	70	71	49	45	50	56	59	62	
Marianna	Maximum	90	91	90	91	93	94	88	92	88	82	85	90	91	92	91	90	91	89	89	90	89	89	92	88	80	72	70	83	89	90	
	Minimum	71	72	72	74	71	70	70	73	73	61	58	63	62	70	69	71	69	70	71	71	69	74	76	74	55	54	51	59	66	68	
Marked Tree§§	Maximum	90	91	90	88	86	87	93	81	82	88	91	90	96	91	94	92	97	91	80	93	90	86	90	61	73	83	91	90	91	93	
	Minimum	71	70	72	74	70	65	67	73	57	52	55	62	67	68	68	65	66	73	67	68	69	74	75	60	49	48	44	61	61	61	
Marshall	Maximum	90	90	94	89	85	84	84	90	76	68	77	90	87	88	87	90	90	92	90	89	89	85	84	88	82	70	63	70	95	94	
	Minimum	62	73	70	70	68	62	65	69	58	54	54	59	69	66	71	68	66	63	64	63	63	63	71	72	48	44	62	60	67	67	
Mena	Maximum	87	90	90	87	84	84	89	91	82	86	89	93	83	93	91	92	93	93	93	93	94	79	91	93	68	70	73	76	80	86	
	Minimum	72	72	72	72	70	70	70	72	66	62	58	60	69	64	69	66	67	65	64	63	66	67	71	73	56	47	54	59	66	68	
Morrillton	Maximum	89	89	90	81	91	85	86	92	86	83	87	89	92	94	90	93	93	94	95	95	95	87	85	90	79	79	80	67	85	87	
	Minimum	71	71	70	73	74	69	70	72	73	60	56	59	67	67	69	68	68	77	70	71	68	72	71	75	52	52	59	66	67	73	
Mountain Home	Maximum	93	93	94	94	80	85	84	92	83	82	88	91	83	92	91	95	..	..	94	93	93	81	86	90	80	61	66	61	67	87	
	Minimum	68	67	68	65	68	62	61	67	64	52	52	56	67	66	66	65	..	..	63	67	63	66	68	67	46	43	48	55	58	61	
Mount Ida	Maximum	91	92	93	92	89	85	92	93	87	90	93	96	88	96	93	95	96	95	98	97	97	85	88	91	81	75	75	80	87	88	
	Minimum	68	72	72	75	71	69	69	69	69	59	52	54	66	64	66	63	62	62	62	63	59	63	72	73	53	48	57	60	66	66	
Newport	Maximum	93	93	94	93	93	91	92	96	86	84	90	95	94	98	95	97	96	95	97	95	96	87	84	92	82	68	71	67	86	92	
	Minimum	71	72	70	73	72	69	65	69	72	56	54	60	69	68	69	70	64	67	71	67	68	72	80	73	54	48	49	58	59	65	
Osceola	Maximum	93	93	92	92	93	94	86	92	95	81	81	87	94	90	96	93	95	95	95	94	92	93	94	91	88	65	69	73	74	88	
	Minimum	64	64	64	65	74	64	60	55	66	50	47	51	63	61	63	64	55	62	66	61	63	62	66	67	64	42	42	44	53	68	
Ozark	Maximum	94	93	94	90	88	86	88	94	85	88	90	94	85	95	94	97	96	96	97	96	98	96	92	96	80	65	71	66	76	89	
	Minimum	70	72	72	74	69	67	73	73	70	60	61	61	70	68	69	71	73	68	67	68	65	67	68	75	57	50	56	60	64	66	
Pine Bluff	Maximum	94	96	99	99	96	88	94	98	92	88	93	100	101	95	96	94	98	96	97	97	95	86	97	87	77	73	72	91	93	95	
	Minimum	73	75	73	74	76	72	72	73	74	64	61	61	70	70	70	70	70	70	71	72	70	76	77	75	55	52	54	61	65	68	
Pocahontas	Maximum	90	90	91	90	91	88	90	92	91	84	89	88	86	89	90	95	95	94	95	94	95	87	79	88	85	65	67	65	75	88	
	Minimum	70	70	70	72	72	65	61	67	70	55	53	54	69	67	70	66	65	69	72	69	70	72	72	74	52	46	50	56	60	65	
Portland	Maximum	96	96	98	99	98	88	96	98	99	90	93	100	101	96	96	95	94	89	94	95	90	89	98	97	91	71	83	97	98	99	
	Minimum	69	69	69	71	70	71	68	70	68	67	60	62	66	69	68	68	66	69	70	68	71	72	73	72	73	54	55	60	65	64	
Prescott	Maximum	91	92	93	93	88	91	94	89	86	90	90	93	95	94	92	92	94	95	95	95	95	88	92	92	84	78	74	88	91	90	
	Minimum	70	72	70	73	70	70	72	72	64	62	60	63	70	68	69	70	68	69	68	67	69	70	71	76	73	51	53	56	62	61	
Rison	Maximum	99	96	97	97	97	88	92	98	93	87	93	94	99	100	95	94	98	96	97	..	..	90	98	88	85	81	74	90	96	94	
	Minimum	71	72	71	72	74	72	70	72	72	63	58	59	70	70	70	71	70	70	69	..	..	71	71	74	55	52	54	59	71	67	
Rogers	Maximum	86	87	88	82	75	83	87	89	81	81	86	87	79	89	86	90	90	92	92	89	91	81	89	89	80	53	59	59	68	82	
	Minimum	69	72	71	69	60	63	65	70	63	55	56	59	69	74	66	66	66	63	62	63	61	60	71	73	44	41	49	54	58	66	
Searcy	Maximum	91	91	92	93	90	85	89	93	88	83	87	93	93	97	93	96	95	95	96	95	95	88	88	90	81	72	70	74	84	90	
	Minimum	70	70	69	71	70	71	68	70	70	59	55	55	79	67	68	68	67	65	67	74	71	70	73	73	59	50	61	49	59	62	65
Stuttgart	Maximum	93	93	94	97	93	85	90	95	89	83	87	93	96	95	94	95	95	95	95	93	93	92	89	94	85	78	69	73	89	92	93
	Minimum	71	70	69	71	73	70	69	71	71	60	55	56	68	66	70	67	67	67	72	67	65	73	73	73	53	50	50	57	63	67	
Subiaco	Maximum	92	95	94	92	88	87	88	98	92	..	92	93	87	94	95	..	98	97	100	97	98	93	95	98	92	86	85	76	74	92	
	Minimum	71	73	73	76	73	69	70	73	69	..	59	60	72	69	70	..	69	68	67	69	68	70	73	73	53	49	55	59	64	64	
Texarkana	Maximum	90	92	91	92	94	92	95	95	91	91	94	96	95	94	95	95	98	98	98	98	99	88	88	91	85	75	83	90	92	92	
	Minimum	70	68	71	70	72	71	72	72	73	65	64	62	69	70	69	70	67	70	68	69	70	70	68	68	70	51	57	60	70	71	
Warren	Maximum	94	95	95	98	95	84	94	96	93	92	91	95	95	94	94	95	94	89	94	93	99	87	95	84	79	69	72	89	91	91	
	Minimum	74	71	70	73	74	69	69	72	72	64	60	61	72	70	68	70	68	69	70	68	68	75	75	74	57	51	55	59	68	68	
Wilson	Maximum	92	92	92	92	93	86	87	92	84	81	85	92	89	95	93	93	92	93	91	91	91	92	92	90	84	68	75	86	90	91	
	Minimum	71	73	72	75	72	70	66	71	70	56	52	52	68	67	70	69	65	69	73	66	61	63	61	66	49	49	62	63	64	65	
Wynne	Maximum	92	91	93	94	93	87	90	95	87	84	90	89	93	98	94	94	95	93	94	96	93	91	92	90	81	69	80	83	83	93	
	Minimum	71	72	72	73	72	70	68	72	73	58	54	57	66	68	69	70	66	70	75	68	68	74	75	75	54	50	49	53	64	68	

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

L. XXXI LITTLE ROCK, ARK., OCTOBER, 1926 No. 10

GENERAL SUMMARY

The month opened unseasonably warm, temperatures being ° to 14° above normal during the first few days and maxima eeded 90° at numerous stations. There was a reaction to ler weather about the 5th and temperatures near or slightly ow normal prevailed for a day or two then warm weather ain set in and continued until about the 20th when another l wave overspread the State, giving the lowest temperatures the month on the 25th, killing frost and freezing tempera- es occurring in northern counties, heavy frost in central and ht frost to the southern border. A small amount of late corn s injured, but the bulk of the crop was matured, so the dam- was small. Normally October is the driest month of the r in Arkansas but thus far it has been the wettest this year. e average for the State, 5.77 inches, is two inches less than average for October last year and practically five inches less an the average for October, 1919, but with these two excep- ns this total has not been exceeded for this month during the t 36 years. Although much more than the normal rainfall urred, many of the showers fell on Saturdays and Sundays that interference with cotton picking was reduced almost to minimum and satisfactory progress was made in most sections. e threshing was more than half completed during the month d a fourth cutting of alfalfa was saved. Sweet potatoes were g and the yield in most sections was excellent. Some fall wing was done and an increased acreage of fall oats and eat was reported.

The heavy rains the closing days of September brought flood ges on the upper White River the first of this month and fur- r rains at the close of the month caused flood stages to again reached at Calico Rock on the 30th and Batesville on the 31. ese rains caused codsiderable water in the lowlands of the ver reaches of the river during most of the month. Rains the tter part of September and early in October on the Arkansas tershed gave flood stages at Fort Smith on the 1st and again m the 5th to the 16th and at Dardanelle from the 6th to the th. The Arkansas did not reach flood stage at Little Rock, t was near, an unprecedented occurence for October. Flood ges were reached at Pine Bluff from the 12th to the 18th and Yancopin from the 8th to the 28th. Some crops were lost in e lowlands, but warnings being issued, an effort was made to ther as much as possible before the water came up, the total s reported being approximately $700,000. W.C.H.

TEMPERATURE

The mean temperature for October, as determined from the cords of 56 stations, was 64.9° which is 2.7° above normal, actically all stations showing positive departures. Monthly eans ranged from 70.4° at El Dorado to 58.8° at Dutton, a fference of 11.6° between the northwestern and southern unties. Extremes ranged from 99° at Portland on the 2d to ° at Dutton on the 25th. Extremes occurred on approxi- ately these dates throughout the State. The greatest daily nge was 52° at Dardanelle on the 21st.

PRECIPITATION

The average precipitation for 80 stations was 5.77 inches which is 2.80 inches above normal. Negative departures occurred at five scattered stations, positive elsewhere. The greatest monthly total was 12.08 inches at Texarkana, the least, 2.49 inches, at Georgetown. The greatest amount measured in 24 consecntive hours was 9.23 inches at Texarkana on the 10th. The average number of rainy days was 8.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---2d, 1;3d, 4; 4th, 24: 8th, 17; 9th, 5; 10th, 10; 12th, 7; 13th, 1; 14th, 6; 15th, 1; 19th, 7; 20th, 4; 21st, 1; 22d, 22; 23d, 18; 24th, 4; 25th, 1; 28th, 1; 29th, 20; 30th, 6.

SOLAR HALOS:---6th, 2; 22d, 1.

DENSE FOG:---10th, 1; 11th, 2; 12th, 2; 14th, 1; 15th 1; 20th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	29.97	30.21	31	29.78	18	3,816	21	s.	3	.....	.....	52
Fort Smith.	29.96	30.22	31	29.71	23	5,466	32	e.	12	87	71	56
Little Rock.	29.98	30.21	31	29.69	24	6,172	35	s.	28	84	64	60
Memphis.	29.99	30.20	31	29.68	24	5,148	34	n.	20	82	65	66

COMPARATIVE DATA FOR OCTOBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	62.2		101		12		2.97		18	6	7	5
1891	60.4	−1.8	92	1	27	23	0.65	−2.32	25	4	[illegible]	2
1892	63.3	+1.6	92	3	27	26	3.26	+0.29	16	7	8	6
1893	60.5	−1.7	99	1	23	29	1.30	−1.67	24	4	3	3
1894	63.0	+0.8	96	23	24	21	1.52	−1.45	22	5	4	3
1895	57.1	−5.1	95	9	21	29	1.44	−1.53	19	6	6	4
1896	60.8	−1.4	98	4	25	18	3.59	+0.62	18	5	8	6
1897	67.6	+5.4	99	3	28	30	2.01	−0.96	21	6	4	3
1898	60.0	−2.2	100	4	23	26	5.44	+2.47	16	7	8	5
1899	65.6	+3.4	101	13	28	31	2.88	−0.09	19	7	5	5
1900	66.0	+3.8	97	6	32	10	4.31	+1.34	14	10	7	6
1901	63.7	+1.5	95	1	27	14	2.07	−0.90	18	9	4	4
1902	62.5	+0.3	90	9	27	28	2.68	−0.29	18	9	4	4
1903	60.9	−1.3	97	2	26	24	2.22	−0.75	17	8	6	4
1904	62.5	+0.3	100	5	20	20	0.94	−2.03	23	5	3	2
1905	61.1	−1.1	92	7	23	21	4.49	+1.52	15	11	5	7
1906	58.2	−4.0	94	22	25	31	2.38	−0.59	18	5	8	6
1907	61.9	−0.3	96	2	23	13	3.03	+0.06	16	7	8	6
1908	59.2	−3.0	93	14	24	28	0.48	−2.49	21	6	4	2
1909	63.0	+0.8	98	5	24	12	2.15	−0.82	21	6	4	3
1910	62.9	+0.7	96	1	16	29	5.19	+2.22	21	5	5	6
1911	62.7	+0.5	101	12	25	22	1.67	−1.30	14	9	8	5
1912	63.8	+1.6	95	7	22	23	2.97	0.00	18	8	5	4
1913	60.1	−2.1	95	6	18	30	5.41	+2.44	13	9	9	9
1914	63.0	+0.8	93	6	21	28	1.74	−1.23	13	8	10	5
1915	63.4	+1.2	94	16	26	9	2.83	−0.14	22	4	5	4
1916	62.8	+0.6	96	7	21	21	2.30	−0.67	21	4	6	4
1917	56.6	−5.6	99	4	12	30	1.89	−1.08	21	5	5	5
1918	65.6	+3.4	100	5	30	31	3.99	+1.02	13	5	13	8
1919	66.6	+4.4	98	2	33	19	10.90	+7.93	6	5	20	14
1920	64.2	+2.0	93	18	25	28	4.39	+1.42	16	6	9	7
1921	61.6	−0.6	96	19	27	8	0.72	−2.25	23	4	4	3
1922	63.1	+0.9	98	4	20	18	1.47	−1.50	18	6	7	4
1923	59.2	−3.0	94	1	20	23	3.53	+0.56	12	9	10	7
1924	61.9	+2.7	96	12	21	25	0.29	−2.68	24	4	3	1
1925	54.7	−3.5	98	1	13	31	7.73	+4.76	12	5	14	10
1926	64.9	+2.7	99	2	23	25	5.77	+2.80	15	5	11	8

Corrections September, 1926

Batesville: Number clear days 15; part cloudy, 3; cloudy, 12.
Freeman Springs: Prevailing wind direction should be SE.
Pindell: Prevailing wind direction should be SE.
Stuttgart: Date of lowest temperature should be 26th.
Waters: Number of clear days should be 11.

Climatological Data for October, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	31	66.2	+3.4	88	4	33	25	32	9.77	+6.79	7.55	0.0	5	16	2	13	sw.	G. C. Thrash
Arkadelphia	Clark	250	30								7.99	+5.16	3.96	0.0	7	17	5	9	s.	F. J. Carpenter
Arkansas City	Desha	145	42								5.97	+3.77	1.20	0.0	7	14	7	10		Carl R. Cutting
Arlberg	Stone	700	4								7.74		2.88	0.0	7	15	4	12	ne.	J. D. Reeves
Batesville	Independence	277	27	61.1	−0.1	89	2	28	25†	41	4.39	+1.53	1.54	0.0	10	16	2	13	nw.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	34	63.5	+0.9	90	2	28	25	36	5.66	+2.84	1.70	0.0	7	14	5	12	s.	J. E. Scanlan.
Bentonville	Benton	1303	21	60.6	+2.6	86	2	30	25	32	4.71	+1.90	2.51	0.0	12	14	4	13	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	24								2.76	+0.19	1.00	0.0	7	20	0	11		Vernon C. Howe
Blytheville	Mississippi	252	1			95	1				4.10		1.40	0.0	5	18	4	9	nw.	J. M. Brooks
Booneville	Logan	465	12	66.0	+2.7	91	2	31	25	39	6.29	+3.40	1.82	0.0	9	17	4	10	e.	F. H. Randolph
Brinkley	Monroe	205	39	66.0	+3.9	96	2†	27	25	43	2.98	+0.06	0.75	0.0	7	16	8	7	ne.	R J. Torry
Calico Rock	Izard	361	22	62.4	+2.2	91	2	30	25	38	5.63	+3.12	1.64	0.0	9	12	10	9	w	W.J. Copp
Camden	Ouachita	158	41	66.8	+3.1	92	1†	33	25†·	42	6.15	+3.34	3.00	0.0	7	14	7	10	n.	A. B. Quarterman
Center Point	Howard	470	27	68.1	+4.5	81	1†	33	25	31	8.16	+5.30	2.97	0.0	8	14	4	13	se.	John C. Floyd
Clarendon	Monroe	200	22								5.60	+2.56	2.20	0.0	9	11	5	12	s	J. W. Bishop
Clinton	Van Buren	516	5								8.52		2.90	0.0	8	9	12	10	w.	A. L. Stephens
Conway	Faulkner	309	43	65.6	+2.5	92	2	30	25	34	6.65	+4.00	2.28	0.0	7	20	7	4	s.	E. E Cordrey
Corning	Clay	293	33	63.8	+4.8	93	1†	28	25	31	3.38	+0.11	1.13	0.0	5	17	4	10	sw.	Winfred D. Polk
Dam No. 1	White	190	3								1.62		1.67	0.0	5	18	3	10	ne.	J. O. Yingling
Danville	Yell	327	10								7.92	+4.11	3.00	0.0	6	12	7	12	s.	C. P. Evans
Dardanelle	Yell	330	40	63.6	+0.6	92	3	33	25	52	6.93	+4.29	2.40	0.0	8	18	8	5	sw.	G. N. Goodier, Jr.
Dumas	Desha	162	20	67.8	+2.6	96	2	31	25	40	6.27	+2.99	1.72	0.0	7	7	18	6	n.	Ben Johnson.
Dutton	Madison	1590	23	58.8	+0.7	83	2	23	25	35	9.89	+6.89	2.59	0.0	10	14	7	10	s.	J. M. Ricketts
El Dorado	Union	270	25	70.1	+5.6	96	1	35	25	41	3.25	+0.42	1.15	0.0	8	9	14	8	se	J. J. Babb
England	Lonoke	229	19	67.1	+3.9	95	1†	29	25	38	4.6	+1.72	1.89	0.0	6	19	5	7	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	26	62.4	−2.1	89	11	29	25	34	5.90	+2.87	2.20	0.0	9	9	11	11	se.	Geo. W. Nichoalds.
Evening Shade	Sharp	600	3	62.8[a]		91[a]	1†	28[a]	25	41[a]	3.32		1.40	0.0	6	16[a]	11[a]	9[a]	nw.	B. F. Graddy
Fayetteville	Washington	1451	39	62.1	−1.5	85	2	29	25	31	8.08	+4.89	3.34	0.0	10	16	8	7	sw.	University of Arkansas
Fort Smith	Sebastian	457	45	65.1	+2.3	88	2	34	25	34	9.04	+6.21	2.89	0.0	12	9	10	12	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	2								8.72		2.38	0.0	9	16	2	13	se.	J. R. Mc Cuiston
Fulton	Hempstead	260	40								4.91	+2.54	3.45	0.0	7	9	13	9		T. J. Logan
Georgetown	White	200	14								2.49	−1.64	0.73	0.0	6	17	3	11	s.	W. R. Owens
Gilbert	Searcy	675	3								1.35		1.50	0.0	9	12	10	9		Ben F. Battenfield
Grannis	Polk	900	8																	W E. Mc Vay
Gravette	Benton	1250	29	62.1	−2.1	89	2	27	25	40	4.95	+1.91	2.68	0.0	6	16	9	6	n.	A. F. Stevens
Harrison	Boone	1352	25	63.4[b]		96[b]	1	25[b]	25	49[b]	6.45	+3.76	2.00	0.0	5	18	1	12		G. L. Wright
Helena	Phillips	193	54	66.8	+4.3	95	3	31	25	35	5.31	+2.75	1.28	0.0	9	16	4	11	n.	James A. Burnett
Higden	Cleburne	445	8								6.60		1.95	0.0	9	13	7	11	sw.	Geo. W Baker
Hope	Hempstead	377	55	65.5	−0.1	91	1	33	24	38	7.84	+4.49	1.83	0.0	8	18	4	9	n.	N. P. O' Neal
Hot Springs	Garland	600	35	65.9	+2.0	90	2	32	25	35	4.64	+1.53	1.40	0.0	7	18	2	11		P. P. Patraw
Huttig	Union	175	19																	J. L. Collett
Index	Little River	275	1								6.97		4.15	0.0	8	13	5	13		H. D. Sanderson
Jonesboro	Craighead	345	31	62.9	+0.4	91	1†	29	25	36	3.22	−0.11	1.50	0.0	7	20	2	9	ne	Benedictiue Sisters
Junction ††	Union	182	32																	J. A. Lowderback
Lambrook	Phillips	155	3	65.4		98	1	28	25	44	6.62		2.90	0.0	5	20	0	11	s.	G. B. Lambert Co.
Little Rock	Pulaski	357	47	65.8	−2.2	91	2	33	25	35	3.99	+1.44	1.65	0.0	9	16	4	11	s.	U. S. Weather Bureau
Lurton	Newton	2100	1	59.2[a]		82[b]	2	27[b]	25	25[b]	6.73		1.63	0.0	12	13[b]	8[b]	8[b]	s.	L. C. Sutton
Lutherville ‡‡	Johnson	775	28	63.1	+1.3	87	2	28	25	32	7.61	+3.93	2.30	0.0	8	18	3	10	se.	H. G. Lenhardt
Magnolia	Columbia	315	7	69.0[a]		96[a]	2	35[a]	25	38[a]	4.12		2.30	0.0	5	11[a]	9[a]	10[a]	s.	State Agri. School
Malvern	Hot Springs	277	39	67.2	+4.4	95	3	31	25	40	4.82	+2.11	1.20	0.0	7	18	4	9	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	61.0	+2.6	87	1†	27	25	41	4.92	+2.07	2.10	0.0	7	12	3	16	s.	E. C. Bellamy
Marianna	Lee	235	14	66.5	+2.9	91	2	31	25	34	4.86	+1.17	2.87	0.0	9	13	13	5	s.	C. N. Houck
Marked Tree	Poinsett	229	21	60.0		94	1	28	24	42	3.64	−0.62	1.10	0.0	9	17	5	9	ne.	Charles Walton
Marshall	Searcy	1070	12	63.6	+2.1	95	3	27	25	40	5.93	+3.22	2.25	0.0	8	17	1	13	sw.	A. J. Park
Mena ‡‡	Polk	1185	38	64.6	+1.8	88	2	32	25	30	8.04	+4.67	2.75	0.0	10	15	3	13	sw.	E. W. St. John
Morrillton	Conway	347	5			88	2				6.00		2.05	0.0	6	15	7	9	sw.	John Cook
Mountain Home	Baxter	800	12	62.0[b]	+2.7	90[b]	1†	26[b]	25	41[b]	4.67	+1.22	2.55	0.0	6	15[b]	2[b]	12[b]	w.	B. S. Halbert
Mount Ida	Montgomery	650	27	64.8	+3.5	91	2	30	25	43	6.19	+2.54	1.43	0.0	8	15	3	13	sw.	G. A. Whittington
Murfreesboro	Pike	367	8																	
Newport	Jackson	231	42	64.8	+3.4	95	2	29	25	35	4.14	+1.47	1.49	0.0	6	16	5	10	n.	A. C. Wilkerson
Osceola	Mississippi	240	28	62.0	+0.4	94	2	31	21†	48	3.13	+0.88	1.18	0.0	6	15	8	8	s.	June Thomason
Ozark	Franklin	450	30	66.0[b]	+2.4	91[b]	3	31[b]	25	40[b]	8.25	+5.10	2.52	0.0	8	17[b]	3[a]	10[a]	nw.	Isham Burrow
Patterson	Woodruff	196	10								2.87	−1.82	0.92	0.0	6	21	0	10	n.	W. E. Baker
Piggott	Clay	307	2								3.29		1.30	0.0	8	17	2	12	sw.	H. H. Harlan
Pindall	Searcy	1500	4								4.95		1.50	0.0	9	14	7	10	se.	W. W. Wood
Pine Bluff	Jefferson	215	39	69.3	+6.7	98	2†	33	25	35	6.81	+4.20	3.07	0.0	9	16	2	13	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	33	62.8	−0.1	91	2	29	25	43	3.52	+0.70	1.28	0.0	7	14	6	11	n	Benedicitine Sisters
Portland	Ashley	122	20	69.6	+4.8	99	2	30	25	43	2.54	−0.20	0.79	0.0	6	6	16	9	s.	W. E. Edmiston
Prescott	Nevada	329	38	68.6	+4.2	93	3	34	25	40	6.52	+4.03	2.20	0.0	6	15	1	15	n.	C. D. Calhoun
Princeton	Dallas	287	20																	Foote Coleman
Rison	Cleveland	243	25	69.4	+5.8	97	3	31	25	44	8.60	+5.72	3.85	0.0	7	16	7	8	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	35	61.2	+1.6	86	2	27	25	36	6.62	+3.81	2.50	0.0	10	13	7	11	s.	Carl A. Starck
Searcy	White	236	17	64.6	+3.3	92	2	28	25	35	3.52	+0.33	0.98	0.0	6	20	0	11	s.	J. T. Bell.
Springbank ††	Miller	240	19								5.11	+2.05	2.60	0.0	7	16	0	15		Miss Grace Field
Story	Montgomery	700	2								5.88		2.06	0.0	5	16	4	11	s.	S. C. Story
Stuttgart	Arkansas	228	39	66.6	+3.8	94	1†	29	25	39	6.71	+3.78	2.93	0.0	9	20	5	6	n.	Adam F. Buerkle
Subiaco	Logan	1050	29	66.6[f]	+3.2	92[f]	2	31[f]	25	38[f]	6.37	+3.28	1.85	0.0	8	15[f]	3[f]	7[f]	s.	New Subiaco Abbey
Texarkana	Miller	332	40	68.9	+4.3	95	1†	35	25	37	12.08	+9.37	9.29	0.0	8	10	5	16	n	H. S. Brashear
Waldron	Scott	675	7								6.25		2.10	0.0	8	14	4	13	se.	Dr. Cheves Bevill
Warren	Bradley	206	32	68.2	+4.4	94	3	35	25	35	6.08	+2.59	1.50	0.0	5	15	10	6	s	W. L. Shide
Waters	Montgomery	800	2								7.31		2.29	0.0	6	15	5	11	sw.	J. R. Huddleston
Whitecliffs	Little River	290	22								6.45	+3.47	4.05	0.0	4	13	6	12	ne.	Nanrie O. Schirmer
Wilson	Mississippi	237	1	65.0		92	2	28	25	38	4.54		1.40	0.0	8	22	2	7	s.	M. W. H. Collins
Wynne	Cross	250	18	65.0	+2.0	95	2	27	25	41	4.41	+0.52	1.13	0.0	9	16	3	12	n.	E. O. Allen
Yancopin	Desha	167	2								4.27		1.40	0.0	9	13	6	12		W. E. Barton
State Means and Extremes				64.9	+2.7	99	2	23	25	52	5.77	+2.80	9.29	0.0	8	15	5	11	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.0 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for October, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	22.0	21.0	19.1	17.5	24.8	27.4	28.4	27.8	26.9	26.9	29.0	27.2	26.0	25.4	24.3	23.2	20.7	18.6	16.0	13.6	12.0	10.9	12.0	11.5	10.5	10.4	9.9	9.3	8.9	11.0	10.8
Dardanelle	do	20	16.5	19.0	18.0	16.5	17.3	21.4	23.6	24.6	24.7	24.5	25.2	25.7	25.1	24.0	23.5	22.4	20.7	18.6	16.4	13.9	11.1	9.5	8.4	9.5	9.4	8.4	7.8	7.6	6.9	7.5	9.6
Little Rock	do	23	6.0	14.5	17.1	17.0	15.9	16.4	18.9	20.7	21.5	21.7	21.9	22.5	22.9	22.9	22.7	22.4	21.8	21.0	19.5	17.5	14.8	11.8	9.8	8.5	8.4	8.8	7.9	7.1	6.8	6.8	7.4
Pine Bluff	do	25	7.8	13.2	18.0	19.6	19.4	18.9	20.1	21.9	23.3	24.3	24.7	25.0	25.4	25.7	25.8	25.6	25.5	25.1	24.5	23.4	21.6	19.0	16.5	14.7	13.4	13.5	13.3	12.4	11.8	11.6	11.4
Yancopin	do	29	22.2	21.6	22.9	26.6	28.0	28.4	28.7	29.7	30.9	32.1	32.9	33.5	34.0	34.4	34.7	35.0	35.2	35.4	35.5	35.5	35.4	35.2	34.8	34.2	33.2	32.2	31.3	30.1	28.5	27.1	26.0
Danville	Petit Jean	20	10.5	7.8	4.5	3.5	10.5	13.2	10.1	7.6	7.6	8.1	8.1	8.7	8.5	8.3	3.6	3.5	3.2	3.1	3.0	3.0	2.8	2.8	3.0	7.9	9.2	9.1	7.4	5.8	5.6	11.1	11.8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	18.1	13.7	13.4	10.9	11.9	12.4	12.4	12.0	8.9	7.1	8.9	8.7	8.0	8.8	7.3	5.4	5.1	4.6	4.1	3.9	3.7	3.4	3.0	2.3	2.6	2.4	2.5	1.9	1.8	19.3	12.2
Batesville	do	23	24.8	23.0	20.4	19.5	18.3	19.0	19.2	19 1	17.8	14.1	14.3	15.6	14.5	14.9	14.5	12.5	11.3	10.6	10.0	9.6	9 3	9.1	8.7	8.2	8.0	8.0	7.6	7.8	7.2	13.3	22.5
Newport	do	26	15.8	19.9	20.8	20.8	20.2	69.9	20.1	20.1	20.0	18.7	16.5	15.6	15.5	14.5	14.4	13.5	12.0	9.9	8.4	7.0	6.5	6.0	5.6	5.0	4.5	4.3	4.2	3.9	3.8	3.7	15.0
Dam No. 1	Little Red	..	8.5	8 0	4.0	3.0	2.0	7.6	5.0	4.0	3.0	2.7	2 5	3.0	7.0	5.0	3.5	3.0	2.2	1.6	1.3	1.0	0.8	0.5	0.2	0 0	-0.1	-0.2	-0.3	-0.4	-0.4	3.2	1.2
Georgetown	White	22	9.8	14	8	16.2	16.7	17.0	18 0	18.5	18.6	18.9	19.0	19 1	19.4	19.8	19.6	19.2	19.0	18.6	67.8	16.8	15.6	14.4	13.0	11.6	10.2	9.4	8.3	7.6	7.0	6.2	5.8	6.2
Clarendon	do	30	14.2	15.5	17.2	18.6	19.5	20.1	20.6	21.1	21.5	21.9	22.2	22.5	22.8	23.1	23.4	23.7	23.9	24.0	24.0	24.1	23.9	23.7	23.5	23.1	22.5	21.7	20.9	20.0	19.0	18.4	17.9
Gilbert	Buffalo	30	9.0	7.2	6.2	6.0	9.0	7.0	6.2	5.8	5.2	6 8	8.3	7.1	6.4	5.9	5.6	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.6	4.7	4.7	4.6	4.5	4.5	7.5	7.0
Corning	Black	11	7.2	7.2	7.3	7.7	7.7	7.8	7.8	7.6	7.6	7.6	7.4	7.2	7.0	6.9	6.8	6.7	6.5	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.2	6.2	6.3	6.2	6.2	6.2	6.5
Black Rock	do	14	3.9	3.7	3.5	3.3	5.0	6.0	5.0	4.5	4.0	3.8	3.8	3.6	3.4	2.8	2.4	2.0	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1 6	5.0
Patterson	Cache	9	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.3	2.4	2 6	2.8	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	8.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
Arkadelphia	Ouachita	18	-0.3	-0.5	-0 4	-0.5	-0.5	-0.7	-0 7	-0 7	-0 7	-0 7	0.0	0.3	1.0	1.0	2.2	1.6	0.9	0.5	0.0	0.9	0.8	1.0	1.4	1.5	1.0	0.9	0.9	0.5	0.2	3.0	6.5
Camden	do	30	3.8	3.7	3 9	4.1	4.2	4.2	4.2	4.1	4.1	4.3	4.7	4.8	6.7	8.0	7.3	6.8	6 5	6.2	5.8	5.1	5.0	5.3	5.3	6.7	8.0	10.9	12.0	11.1	8.6	6.7	5.9
Fulton	Red	28	8.7	8 7	8.3	13.9	16.6	16.7	18.0	22.2	22.6	22.6	21.7	22.6	23.0	24.5	25.4	26.0	25.8	24.5	23.4	22.2	21.1	19.6	18.2	16.6	16.3	16.1	15.3	14.6	13.7	13.3	13.1
Springbank	do	37	4.8	4.8	4.8	4.8	10.8	14.8	15.8	17.6	20 0	20.4	20.1	19.7	20.5	21.5	22.3	23.1	23.5	23.5	22.5	21.5	20.5	19.3	18.5	17.5	16.0	15.0	14.5	14.0	13.0	12.5	12.5
Whitecliffs	Little	28	0.4	0.4	0.4	0.4	6.3	6.4	7.4	11.0	12.7	13.3	15.0	18.6	19.9	20.0	19.6	18.3	17.4	16.9	16.1	15.1	13.8	12.3	10.0	9.8	10.4	11.2	9.0	6.8	5.4	4.8	5.7
Marked Tree	St. Francis	17	3.1	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3 2	3.2	3.2	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Helena	Mississippi	44	28.4	28.3	28.2	28.5	29.0	30.0	31.0	32.0	33.0	34.0	34.8	35.5	36.2	36.7	37.2	37.6	37.9	38.2	38 4	38.5	38.3	38.0	37.1	35.9	34.0	31.9	29.6	27.5	25.9	24.7	23.3
Arkansas City	do	48	32.6	32.3	32.2	32.2	33.4	34.1	34.8	35.5	36.4	37.2	38.1	38.9	39.6	40.2	40.8	41.4	42.0	42.5	42.9	43.3	43.7	43.9	44.1	44.0	43.5	42.6	41.4	39.7	38.3	36.6	35.0

Daily Precipitation for October, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.22						7.55				.11								.90								.99		9.77
Arkadelphia	Ouachita					.46					.98	.32			.13								3.96	.28						1.86		7.99
Arkansas City	Desha					.47					1.10	.90												1.18	.86					1.20	.26	5.97
Arlberg	White				2.88					.12	1.98										.30		.20	.26					2.00			7.74
Batesville	White					.78					.40	1.54	.02		.62						.02		T.	.25	.40		.04			.92	T.	4.39
Bee Branch	Arkansas				1.53						1.70				.15								T.	.43	.05					.90	.90	5.66
Bentonville *	Arkansas			2.07	.44					.92	.05		.08							.02			.12	.06		.01		.30	.52	.12		4.71
Black Rock	White					.71					.17	.03												T.	1.00		.01			.80	.04	2.76
Blytheville	Mississippi					1.40					.12	.35													1.35					.88		4.10
Booneville	Arkansas				1.82					T.	1.46		.21		.02						.04		1.65		.03					.91	.15		6.29
Brinkley	White					.57					.25	.21	T.		T.	.40								.55	.75							.25	2.98
Calico Rock	White				1.19	1.02					.75	.03									.70			.12	.15					T.	1.64	.03	5.63
Camden	Ouachita					.74					3.00	.17												.20	.35						1.66	.03	6.15
Center Point	Red				1.22			T.		.01	2.23		.63		.13								T.	2 97					.51	.46		8.16
Clarendon	White					.06					.20	.24				.22					T.			1.28	.66		.02				2.20	.72	5.60
Clinton	White	.30			2.90						2.03				.75								.44	.26						.95	.86		8.52
Conway	Arkansas				1.04						.91				.37								.45	.81						.79	2.28		6.65
Corning	White					.78					.21														1.13					.15	1.11		3.38
Dam No. 1	White				.39					1.12													.20	1.24					1.07			4.62
Danville	Arkansas				2.00						1.07					T								1.63	.12						3.00	.10	7.92
Dardanelle	Arkansas				1.66	.40					1.03					.51								.70	.15						2.40	.08	6.93
Dumas	Mississippi				.60						1.20	T.			.05								1.58	.88						1 72	.24		6.27
Dutton	White				2.55					.55	2.59	.01	T.		.07						T.		.62	.26	.12					2.48	.64		9.89
El Dorado	Ouachita					.28					.50	.80	.03	.01		T.								.06	.42							1.15		3.25
England	Arkansas				.14						.48				10									1.84	.15						1.89		4.60
Eureka Springs	White				1.76					.90			.01							.30			.17	.06	.06					2.20	.41		5.90
Evening Shade	White				1.40						.40	T.												.60	.32		T				.15	.45		3.32
Fayetteville	White			.10	3.34						.70		.60							.14			.35	.12						1.87	.76	.10	8.08
Fort Smith *	Arkansas			.80	.94					1.95	.93		.52		.95					.12			.91	.12					.02	1.72	.05		9.04
Freeman Sprgs.	Arkansas				1.88	.11					2.38	.23			.10	.80					T.			.61	.40						2.21	T.	8.72
Fulton	Red				.23						3.45	.10		.08										.10	.05						.90		4.91
Georgetown	White					T.					.58	.18			T	.12								.18	.73						.70		2.49
Gilbert	White				1.02	.09					1.50	.05									.07			.40	.31		T.			T.	.85	.06	4.35
Grannis	Red																																
Gravette	Arkansas				2.68					.79	T.		.30							T.			.10	T.				T.	.79	.29		4.95
Harrison	White				1.70						1.26														.27				2.00	1.22		6.45
Helena	Mississippi					.52					.04	.26						T.						1.08	1.28	.12	.04				.90	1.10	5.34
Higden	White				1.66						1.95				.36						.25		.24	.21	.26					.74	1.02		6.69
Hope	Red				.83				.25		4.83		25											.28	.06					1.21	.13		7.84
Hot Springs	Ouachita				.72					T.	.66				.23	T.	T.						T.	1.21	.30					.02	1.50		4.64
Huttig	Ouachita																																
Index	Miller				.31						4 15	.65		.21										.23	.08						1.32	.02	6.97
Jonesboro	White				.33						.22													.12	.94	.03	.08				1.50		3.22
Junction	Ouachita																																
Lambrook	White				.34						.30													2.90	1.23						1.85		6.62
Little Rock *	Arkansas				.73				.05		.53				.07								.41	1.58	.13					.34	.15		3.99
Lurton	White				1.63					1.09	98	.03		.02	.06	T.					.14		.59	.52	.28	T.				1.21	.18		6.73
Lumberville	Arkansas				2.30					.20	2.25				.21								.43	.64						.72	.86		7.61
Magnolia	Mississippi				.43						2.30													.80						.05	.54		4.12
Malvern	Red					1.20					.92	.03				.30								1.15	.15						1.07		4.82
Mammoth Spg.	Ouachita				1.22					.50											.20		.20	.50		.20				2.10			4.92
Marianna	White				.16	.01						.20			.02								.03	.76		.78	.03				2.87		4.86
Marked Tree	Mississippi					1.10					.05	.62												.08	.85	.09	.11				.52	.22	3.64
Marshall	Mississippi				1.12					.28	2.25										.02		.30	.26						1.10	.60		5.93
Mena	White				1.52	.01					2 75	.13		1.27	.08						.22			.95	.14				T.			.97		8.04
Morrillton	Ouachita				1.94						.92				.01									.95						.35	2.05		6.22
Mountain Home	Conway									80	.42			.47									.08	.35						2.55			4.67
Mount Ida	Ouachita				.73						1.43		.10		.29								.25	1.39						1.35	.65		6.19
Newport	White					.29					.40	1.10													.22	.64					1.49		4.14
Osceola	Mississippi					45					T.	.52												T.	1.18	.10	.08				.80		3.13
Ozark	Arkansas				2.80					.18	2.52				1.25								.44	.35	.02		T.			1.19			8.25
Patterson	White					.31					.55	.28												.23	.92							.58		2.87
Piggott	Mississippi				.60					.05	.30									T.				.90	.10	.08				1.30	.06		3.39
Pindall	White				1.50					.55	.77										.16		.34	.07	.39					1.06	.11		4.95
Pine Bluff	Arkansas					.42					.60	.05		T.		.29								1.59	.44	.02					3.07	.33	6.81
Pocahontas	White				1.28						.40													.25	.57		.05			.62	.35		3.52
Portland	Ouachita					.18						.63												.15	.60						.79	.24	2.54
Prescott	Ouachita									2.20	1.89				.09								1.27	.06					1.01			6.52
Princeton	Ouachita																																
Rison	Ouachita				.65						.94	.21			.25									3.85	.15						2.55		8.60
Rogers	Arkansas				2.26					.90	.47		03							.27			.14	.03						2.24	.26	.02	6.62
Searcy	White					.30					.25	.80												.34	.98							.85		3.52
Springbank	Red					.85					2 60	.50		T.		.10								T.	.40							.62	.04	5.11
Story	Ouachita				.47						1.69	.06											1.60	1.60						2.06			5.88
Stuttgart	Arkansas				.05					.30	.19		.02		.18								1.32	.86						2.93	.86		6.71
Subiaco	Arkansas				1.85					.03	1.50		.45		.59							.54	.46									.95		6.37
Texarkana	Red				.15						9.29	.20		.05										1.03	.10						1.10	.16	12.08
Waldron	Arkansas				1.77						1.23		.08		.24						.04			2.10	T.						.68	.11		6.25
Warren	Ouachita				1.45						1.20				T.								1.50	.68						1.25			6.08
Waters	Ouahita				1.54						2.29		.69											.91							.98	.90		7.31
Whitecliffs	Red				.60	T.					4.05	T.												.80								1.00		6.45
Wilson	Mississippi				.80					.09	.40												T.	1.15	.30	.10					30	1.40		4.54
Wynne	Mississippi					.80					.29	.55			T.								T.	.13	1.10	.08	.08				1.13	.25	4.41
Yancopin	Arkansas					.42					.46	.02				.04								.84	.64	.02					1.40	.43	4.27

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Precipitation included in the next following measurement.

Daily Temperatures for October, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	85	87	86	88	82	74	75	75	79	78	79	82	82	78	74	80	82	82	81	77	69	71	65	62	59	72	72	75	74	67	61	75.9
	Minimum	68	69	73	70	58	47	53	57	57	65	62	68	65	60	63	60	58	54	60	57	41	47	57	48	33	48	40	54	60	55	46	56.5
Batesville§§	Maximum	87	89	88	78	75	74	78	68	64	71	74	73	73	74	79	80	73	86	81	67	65	72	56	52	55	69	57	72	68	58	64	71.6
	Minimum	65	64	67	74	56	44	47	49	52	51	59	54	56	56	55	55	48	59	55	49	36	40	47	45	28	28	36	38	56	56	44	50.6
Bentonville	Maximum	85	86	80	72	68	74	77	75	73	72	79	71	71	71	72	75	76	84	81	62	68	62	55	46	62	66	74	74	57	50	60	70.3
	Minimum	68	66	63	54	51	46	52	56	61	59	58	57	56	59	59	51	48	64	49	41	37	46	44	31	30	44	42	57	48	43	36	50.8
Bee Branch	Maximum	88	90	87	86	75	76	80	79	75	75	72	73	77	74	77	81	81	85	84	80	65	68	60	55	56	72	74	73	71	63	62	74.6
	Minimum	64	65	67	66	55	45	52	50	52	52	62	61	57	60	60	58	49	57	60	48	37	46	51	45	28	40	38	47	60	49	43	52.4
Blytheville	Maximum	95	94	92	88	73	76	80	84	84	70	69	82	84	74	80	83	76	90	94	72	68	76	64	63	55	65	78	73	74	72	63	77.1
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Booneville	Maximum	89	91	86	82	73	79	82	79	73	77	79	76	79	77	75	82	81	89	86	78	72	67	68	59	66	72	78	78	72	63	65	76.5
	Minimum	73	70	75	65	54	46	50	57	61	65	68	61	61	65	63	61	52	61	50	49	40	50	52	47	31	45	39	51	62	51	43	55.4
Brinkley	Maximum	94	96	96	88	78	78	81	82	86	76	74	81	84	71	80	83	78	88	89	80	70	77	70	62	53	70	78	81	75	69	64	78.5
	Minimum	65	68	69	72	60	43	50	47	54	64	64	57	57	53	61	55	49	55	59	54	34	44	57	46	27	42	35	53	53	60	48	53.5
Calico Rock§§	Maximum	90	91	87	79	74	77	82	79	80	72	73	74	70	74	80	81	76	83	85	67	68	71	55	52	59	71	77	74	65	54	67	73.8
	Minimum	62	63	65	68	55	46	47	50	51	53	64	63	59	61	56	56	47	49	55	49	41	41	48	47	30	32	38	38	59	53	39	51.1
Camden§§	Maximum	92	92	92	80	80	79	71	82	87	78	78	80	81	79	80	84	82	88	86	73	71	77	62	62	65	75	78	79	77	71	66	78.4
	Minimum	67	67	69	72	59	46	46	56	56	58	68	63	62	62	64	61	56	56	60	63	41	42	46	51	33	33	39	39	58	61	50	55.1
Center Point	Maximum	91	91	89	84	82	80	72	80	82	82	81	76	83	76	74	83	80	81	84	75	70	74	68	62	64	74	77	79	74	75	65	77.7
	Minimum	71	72	72	66	54	49	60	57	63	66	67	63	62	65	64	63	60	63	65	54	46	52	57	48	35	49	49	58	61	57	46	58.5
Conway	Maximum	91	92	91	84	74	77	82	80	79	73	75	80	78	72	76	79	76	89	86	76	67	73	61	59	58	73	76	78	72	65	64	76.1
	Minimum	67	69	71	66	60	47	56	51	54	61	64	61	58	62	64	61	51	58	62	52	39	47	54	48	30	43	39	53	62	52	46	55.2
Corning	Maximum	93	93	91	83	73	79	79	82	82	80	82	80	82	81	77	82	79	82	80	68	61	74	75	64	45	63	64	77	74	74	64	76.2
	Minimum	68	71	72	73	57	50	50	51	60	62	58	60	56	60	47	52	43	58	55	43	33	39	44	40	28	38	44	44	46	48	41	51.4
Dardanelle	Maximum	90	91	92	85	82	74	78	83	76	72	74	81	76	79	72	73	82	78	90	87	87	66	68	59	62	63	71	78	80	75	78	77.6
	Minimum	61	61	64	60	49	40	48	48	52	57	58	55	52	55	56	55	46	51	56	47	35	41	47	40	33	40	34	45	57	52	41	49.6
Dumas	Maximum	95	95	95	92	81	76	77	84	87	78	74	81	81	76	80	84	80	89	89	76	71	80	67	61	59	72	80	81	77	70	64	79.1
	Minimum	68	70	69	72	64	47	51	53	55	66	66	65	61	60	62	62	54	58	62	61	41	43	57	46	31	44	40	51	59	63	48	56.5
Dutton	Maximum	82	83	79	76	68	71	75	72	69	71	72	74	74	71	66	76	72	81	79	73	65	61	54	55	55	66	71	71	68	59	59	69.9
	Minimum	62	61	64	60	46	37	46	46	49	59	58	50	56	57	54	53	40	56	53	42	30	39	49	36	23	36	32	62	52	41	31	47.7
El Dorado	Maximum	96	95	95	85	81	82	71	86	90	79	83	83	86	83	81	86	86	90	89	82	75	81	71	62	68	78	83	83	80	75	67	81.7
	Minimum	69	71	72	71	61	49	56	59	58	69	68	66	63	64	65	66	60	60	63	64	43	47	59	51	35	51	42	57	60	60	50	59.0
England	Maximum	95	95	91	86	77	79	80	83	83	81	78	82	89	75	81	85	80	89	89	80	70	78	70	60	59	74	78	80	73	69	67	79.3
	Minimum	66	68	71	72	60	45	53	48	52	65	66	58	57	60	62	58	50	61	60	56	38	43	58	47	29	44	40	55	60	52	48	54.9
Eureka Springs	Maximum	85	86	82	76	70	76	78	76	76	73	89	75	71	73	73	78	77	84	81	64	71	62	54	52	62	70	75	73	68	50	61	72.3
	Minimum	75	63	70	61	52	46	52	55	57	61	60	56	56	60	58	60	47	66	57	41	37	47	47	37	29	44	43	61	48	43	37	52.5
Evening Shade	Maximum	9	91	89	84	76	76	80	80	80	72	70	69	76	75	80	82	74	90	82	75	67	73	60	52	54	70	76	75	70	72	..	75.4
	Minimum	62	64	70	66	55	45	47	49	50	62	60	62	54	56	51	51	45	58	53	54	35	43	50	40	28	38	35	32	50	39	..	50.2
Fayetteville	Maximum	82	85	81	71	69	75	76	75	73	73	81	75	77	74	71	77	75	84	82	70	66	62	57	56	60	67	73	74	74	50	60	71.9
	Minimum	70	69	71	62	50	41	54	57	61	62	59	56	57	61	58	60	46	66	59	41	37	48	49	38	29	44	42	60	48	44	36	52.9
Fort Smith	Maximum	88	88	87	78	72	76	80	79	69	77	78	73	78	71	74	75	81	86	86	67	69	61	57	52	63	72	78	78	70	57	62	73.6
	Minimum	70	72	66	62	57	53	59	58	62	61	65	62	62	65	64	63	54	61	59	51	44	52	51	41	34	50	44	57	57	50	46	56.6
Gravette	Maximum	82	84	79	71	69	76	77	75	69	71	80	74	71	71	71	74	77	83	81	61	67	67	70	54	67	66	74	74	77	52	61	71.8
	Minimum	70	65	69	65	51	43	51	57	60	63	57	57	56	61	58	60	49	63	59	40	37	47	47	37	27	42	41	61	49	45	34	52.4
Harrison	Maximum	96	91	88	79	78	83	90	84	81	71	72	.	75	71	71	82	84	95	87	74	76	..	53	53	65	74	84	81	64	53	71	76.9
	Minimum	65	62	67	63	51	42	46	54	51	56	62	..	58	57	58	55	43	52	55	42	34	..	49	41	25	41	35	50	50	44	34	49.8
Helena	Maximum	93	91	95	91	81	79	76	84	86	78	73	86	82	77	80	81	76	91	87	74	66	77	64	62	57	66	75	78	75	71	62	78.1
	Minimum	67	69	70	72	62	49	52	50	52	64	67	65	63	60	61	58	56	56	61	56	44	43	57	45	31	43	41	52	59	50	48	55.6
Hope	Maximum	94	93	93	85	85	79	72	83	83	82	79	75	84	85	79	87	82	85	85	76	70	73	76	70	65	75	78	81	78	72	68	79.7
	Minimum	64	62	66	57	47	52	49	55	56	55	52	52	54	53	55	56	57	54	56	41	43	45	49	33	42	42	48	56	52	44	42	51.8
Hot Springs	Maximum	89	9	89	84	75	75	77	80	78	76	74	77	80	71	72	81	78	87	83	73	70	74	67	60	60	72	77	77	72	67	65	75.9
	Minimum	68	69	71	66	59	48	52	54	57	66	65	63	59	64	64	60	51	61	60	55	41	47	57	47	52	42	42	53	57	53	45	55.9
Jonesboro	Maximum	91	91	89	85	71	71	80	79	81	69	69	76	66	71	76	82	73	87	81	72	64	72	61	56	50	61	74	74	70	60	62	73.3
	Minimum	66	67	68	70	59	48	49	50	54	61	59	62	56	56	53	54	61	51	53	51	36	43	51	42	29	35	38	51	55	48	44	52.5
Lambrook§§	Maximum	98	93	92	90	79	77	76	81	84	77	72	84	82	74	79	84	78	88	86	71	82	77	72	57	57	50	75	79	76	74	64	77.7
	Minimum	65	65	65	7	64	43	50	46	52	66	66	65	61	58	59	55	52	53	56	58	38	56	39	39	28	41	34	36	57	54	48	53.1
Little Rock	Maximum	89	91	90	80	73	76	76	79	80	72	75	75	78	69	75	80	75	85	83	73	67	73	62	60	58	71	74	77	71	62	62	74.5
	Minimum	71	72	7	69	59	53	58	55	60	66	62	60	50	61	64	61	56	60	63	53	45	51	56	41	33	47	48	57	60	51	46	57.1
Lurton	Maximum	..	82	75	73	66	71	74	70	72	69	69	71	71	71	66	75	68	80	..	61	61	65	54	52	52	61	68	68	65	57	58	67.8
	Minimum	..	65	65	61	49	51	55	50	58	58	61	57	57	60	58	56	48	61	..	43	39	48	48	31	27	43	45	54	52	36	41	51.0
Lutherville	Maximum	86	87	8	80	71	74	79	75	69	72	72	73	75	69	70	79	73	81	83	76	63	63	56	56	60	70	74	73	69	61	60	72.1
	Minimum	67	69	72	64	51	46	53	54	57	61	63	59	59	61	61	60	51	60	62	49	39	47	53	39	28	46	42	51	60	48	42	54.1
Magnolia	Maximum	94	96	94	85	80	81	77	81	90	88	78	75	..	85	78	84	84	87	86	76	72	81	71	62	67	75	79	80	77	72	68	80.2
	Minimum	69	70	76	73	58	45	57	57	60	61	58	68	..	65	64	59	60	63	61	63	44	48	50	50	35	47	41	57	60	61	49	57.9
Malvern	Maximum	97	94	95	85	78	78	77	82	83	78	80	77	83	76	76	85	79	91	86	77	63	75	70	61	61	76	78	78	74	71	66	78.2
	Minimum	67	68	73	75	57	47	54	54	55	67	66	63	60	63	65	60	54	58	58	57	41	45	58	47	31	42	38	50	62	54	48	56.1
Mammoth Spg	Maximum	87	87	85	8	71	72	78	78	80	72	72	71	67	72	76	80	72	85	76	71	64	69	59	52	50	68	75	72	70	60	62	72.6
	Minimum	63	64	68	68	45	46	49	51	51	51	61	61	58	54	49	52	46	52	52	46	36	44	50	41	27	36	34	44	50	47	38	49.8
Marianna	Maximum	90	91	9	9	7	74	76	80	82	79	79	78	82	74	79	81	87	87	84	76	63	74	69	66	60	65	74	78	74	73	59	77.1
	Minimum	68	69	71	71	6	59	53	51	56	66	65	65	62	62	63	58	54	53	63	57	40	45	58	42	31	44	43	55	63	52	42	55.9
Marked Tree§§	Maximum	91	84	81	85	79	8	84	72	67	65	75	70	74	75	77	73	81	79	68	60	70	54	45	50	49	70	74	63	63	50	68	70.5
	Minimum	67	67	70	52	41	48	49	49	54	60	62	58	55	56	54	47	50	57	51	35	35	48	45	28	30	35	38	56	60	45	37	49.5
Marshall	Maximum	91	94	95	86	73	73	80	76	81	78	78	73	72	73	74	77	75	83	74	71	67	77	55	52	57	68	74	74	73	70	71	74.8
	Minimum	69	71	70	66	53	43	50	53	56	61	62	60	58	61	60	55	45	59	45	54	36	48	51	41	27	39	34	56	54	50	36	52.5
Mena	Maximum	86	88	85	80	71	76	76	77	75	78	79	69	76	71	73	79	78	83	80	73	67	72	61	55	60	70	73	75	70	69	66	73.8
	Minimum	68	63	70	64	55	46	57	53	58	61	61	61	57	64	61	61	52	55	60	50	40	49	51	43	32	48	43	58	66	57	43	55.4
Morrillton	Maximum	87	88	85	83	74	75	79	78	75	74	74	75	78	76	76	80	78	77	83	80	66	71	61	61	59	71	75	75	73	63	62	74.7
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mountain Home	Maximum	90	90	88	78	73	76	83	79	80	78	71	75	67	72	..	..	80	90	84	80	74	66	55	52	60	69	77	74	68	53	64	74.0
	Minimum	67	63	66	64	52	43	46	48	60	59	61	58	58	57	..	..	41	54	51	55	35	45	49	36	26	39	36	49	51	46	35	50.1
Mount Ida	Maximum	90	91	88	83	76	80	77	79	77	78	77	78	80	79	74	84	80	87	85	75	71	75	63	62	61	75	77	75	71	62	66	76.6
	Minimum	66	65	68	57	51	42	53	50	50	59	65	58	58	63	64	60	53	57	56	52	30	42	56	46	30	42	34	51	60	51	43	53.0
Newport	Maximum	93	95	92	87	75	77	81	84	84	75	70	77	72	76	82	83	78	90	84	75	66	75	60	61	56	71	71	74	74	63	66	76.4
	Minimum	65	69	70	70	57	47	49	49	55	63	59	62	55	57	56	56	58	58	56	50	36	44	50	40	29	42	38	52	61	50	45	53.2
Osceola	Maximum	93	94	93	87	87	79	75	79	83	84	71	71	81	67	72	81	88	93	92	86	69	69	76	60	51	53	67	72	75	60	63	76.8
	Minimum	61	62	64	67	61	41	42	43	45	53	64	47	52	49	49	47	40	41	50	41	31	33	43	45	31	31	34	43	51	55	37	47.2
Ozark	Maximum	88	90	91	81	75	78	84	80	70	77	78	76	79	73	72	81	79	88	87	..	75	65	58	58	65	74	..	79	71	70	64	76.1
	Minimum	69	71	70	66	50	47	54	57	62	62	64	60	60	63	63	61	51	58	63	..	41	48	55	47	31	43	..	40	61	63	42	55.9
Pine Bluff	Maximum	95	98	98	85	85	81	78	87	87	78	78	83	87	72	79	88	85	95	88	76	75	81	66	63	61	78	80	81	76	69	70	80.7
	Minimum	70	71	73	73	63	51	56	56	52	67	67	62	61	62	64	62	58	63	64	58	45	48	57	48	33	46	43	57	62	52	50	57.9
Pocahontas	Maximum	90	91	89	82	75	74	78	80	81	75	70	73	67	75	79	82	78	88	80	88	65	73	67	52	50	70	73	72	71	69	66	74.9
	Minimum	64	65	68	66	55	47	47	49	53	61	60	62	56	54	52	52	45	54	52	45	35	43	46	42	29	38	35	50	55	49	40	50.6
Portland	Maximum	98	99	98	97	86	83	79	84	89	79	79	90	87	81	81	89	85	92	90	78	75	83	66	63	67	75	81	84	81	74	66	82.5
	Minimum	67	70	68	72	68	45	50	53	53	64	70	68	64	61	63	63	57	57	60	62	41	40	59	50	50	46	39	51	55	63	51	56.8
Prescott	Maximum	91	92	93	87	79	79	74	82	83	86	80	74	83	78	78	80	83	88	86	83	72	77	77	75	74	76	79	79	77	74	71	80.3
	Minimum	67	67	70	70	77	48	50	52	54	59	67	63	62	63	64	63	58	60	61	59	43	46	53	39	34	44	41	50	61	62	57	56.9
Rison	Maximum	94	94	97	96	79	81	79	80	87	82	83	83	85	85	79	87	83	91	89	84	71	77	78	66	75	76	77	79	79	75	65	81.9
	Minimum	69	71	70	71	49	66	55	56	58	66	67	61	63	61	64	62	56	62	62	58	41	48	56	47	31	32	43	57	60	57	47	57.0
Rogers	Maximum	82	86	82	73	68	74	77	76	73	71	79	73	73	73	72	76	76	84	81	65	68	63	55	52	62	68	75	72	70	50	60	71.3
	Minimum	66	64	71	62	52	44	48	56	56	62	59	55	57	52	52	57	44	66	59	41	35	44	48	38	27	40	39	61	49	45	35	51.1
Searcy	Maximum	91	92	91	86	75	76	81	82	82	75	73	76	79	71	76	82	79	88	84	80	67	73	64	58	56	71	75	75	71	66	61	76.1
	Minimum	65	67	67	75	57	44	51	47	51	63	61	62	57	59	61	56	50	55	60	53	36	44	53	45	28	40	37	46	64	50	46	53.2
Stuttgart	Maximum	94	94	92	86	79	77	87	82	85	80	75	80	80	77	79	84	80	88	88	80	73	73	85	65	59	72	78	80	74	71	65	79.4
	Minimum	61	69	69	72	60	45	53	52	57	65	63	67	55	60	61	57	51	50	61	55	36	43	48	46	29	4	39	53	58	51	43	53.9
Subiaco	Maximum	90	92	86	81	75	..	84	81	76	75	..	77	..	78	74	82	89	87	81	75	70	65	59	..	66	72	79	78	..	72	..	77.8
	Minimum	69	70	76	65	57	..	52	55	58	63	..	52	..	59	62	52	62	63	65	41	46	54	44	..	31	47	41	52	..	50	..	55.5
Texarkana	Maximum	95	95	90	85	80	82	77	85	85	83	85	74	85	80	80	81	85	88	87	76	76	80	66	62	70	76	80	82	78	72	67	80.2
	Minimum	70	71	71	69	63	46	52	57	61	67	65	60	63	65	65	61	57	61	61	60	46	50	56	47	35	45	43	52	62	56	47	57.6
Warren	Maximum	93	92	94	88	78	76	72	83	84	80	75	79	82	80	79	81	79	87	86	81	70	78	74	62	59	71	78	80	76	72	62	73.4
	Minimum	68	70	70	72	64	52	56	55	56	66	68	63	62	61	63	64	57	62	63	60	42	45	58	48	35	57	43	53	59	59	48	58.0
Wilson	Maximum	91	92	91	90	78	75	78	81	82	73	70	80	70	77	79	81	74	89	85	74	65	79	64	54	53	63	74	76	79	70	75	76.2
	Minimum	66	69	72	72	62	47	49	50	56	61	61	62	59	55	56	54	46	58	57	54	36	41	53	44	28	41	39	55	60	60	45	53.8
Wynne	Maximum	91	95	92	89	79	77	80	82	83	72	71	79	77	73	78	80	76	90	86	73	67	76	62	65	55	69	75	77	76	70	63	76.8
	Minimum	67	69	72	72	51	45	51	49	58	62	61	64	59	59	61	55	50	57	59	54	35	35	49	35	27	42	36	55	58	55	45	53.1

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXI LITTLE ROCK, ARK., NOVEMBER, 1926 No. 11

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GENERAL SUMMARY

The outstanding characteristic of the weather in Arkansas during November, 1926, was the low monthly mean temperature. In only one year since State wide records have been kept, 1911, has the November mean been lower. The temperature was normal or above on about nine days during the month, the greatest positive departures occurring on the 25th, while during the remainder of the month daily means ranged from slightly below normal to as much as 20° below. Although the mean was low, the extreme, 10° at Dutton on the 19th, is not unusual. About the normal rainfall occurred with the average number of rainy days. The weather was generally favorable for picking cotton and in most sections of the State cotton was nearly all picked at the close of the month, however in eastern and northeastern counties some remained in the field the first of December. Most other crops have been gathered and all farm work is well along. Rice threshing was practically completed, considerable fall plowing done, and wheat, oats, meadows, and rye were in good condition at the close of the month.

Tornadoes were reported in 26 different localities in Arkansas from 4:30 p.m. to 9:30 p.m. of November 25th. It is thought that there were 11 different tornadoes. Fifty two persons were killed, 212 injured, and property valued at $627,000 was destroyed. The most destructive of these storms originated near Greenbrier at 5:00 p.m., passed through Enders, Quitman, Pearson, and Heber Springs, disappearing in the hills to the northeast about 6:00 p.m. Another tornado originated at Jesseville at about 4:45 p.m., passed through Aplin, near Perry, through Appelo, Wooster, and Greenbrier, reaching the latter place about 6:30 p.m. One passed through Belleville and Stafford, and over Crow Mountain and Mars Hill. A tornado passed through Old Hickory and near St. Vincent, one through Buford and Float Creek, and one each through Arkadelphia, Choctow, Gould, Macedonia, Moscow, and Portland, and one near Newport and one near Sheridan.

TEMPERATURE

The mean temperature for November, as determined from the records of 55 stations, was 47.2° which is 4.4° below normal, all sections showing negative departures. Monthly means ranged from 41.2° at Lurton to 51.9° at Texarkana, a difference of 10.7o between the northwestern and the southern sections of the State. Extremes ranged from 81o at Corning on the 6th to 10° at Dutton on the 19th. The highest occurred in most sections about the 6th or the 25th and the lowest from about the 19th to the 22d. The greatest daily range was 55° at Corning on the 6th.

PRECIPITATION

The average precipitation for 79 stations was 3.33 inches which is 0.32 inch below normal. A majority of the stations showed negative departures, but there were no marked extremes. The greatest monthly total, 8.59 inches, was measured at Black Rock and the least, 0.87 inch, at Amity. The greatest amount measured in 24 consecutive hours was 3.38 inches at Lurton on the 14th. An appreciable amount of snow fell at 19 stations, averaging 2.9 inches. The greatest monthly total was 8.7 inches at Bentonville. The average number of days with 0.01 inch or more precipitation was 6.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---5th, 1; 7th, 5; 8th, 24; 9th, 3; 13th, 1; 14th, 16; 15th, 1; 17th, 2; 23d, 1; 25th, 31; 26th, 10; 28th, 8; 29th, 12; 30th, 1.

SOLAR HALOS:---6th, 2; 12th, 1; 16th, 2; 19th, 1; 30th, 1.

SLEET:---14th, 1; 17th, 3; 18th, 1; 21st, 4.

Tornadoes November 25, 1926

Place	Time	Width Path, feet	Came from	No. Killed	No. Injured	Damage
Aplin				0	3	$ 6,000
Arkadelphia	6.30 p.		sw.	0	3	5,000
Belleville	4.30 p.	300	sw.	1	3	20,000
Buford				0	0	20,000
Choctow		400	sw.	3	2	3,000
Crow Mountain	5.15 p.	300	sw.	1	7	9,500
Enders	6.00 p.	1200	w.	1	6	25,000
Float Creek				0	3	10,000
Gould			sw.	3	25	20,000
Greenbrier	5.00 p.	300	sw.	0	1	6,000
Harper	4.30 p.			0	0	
Heber Springs	6.00 p.	1600	sw.	22	75	400,000
Jesseville	7.30 p.			0	0	5,000
Macedona	5.25 p.			2	0	15,000
Mars Hill	7.30 p.			1	0	4,000
Moscow	7.30 p.	300	sw.	10	66	20,000
Newport	7.00 p.		sw.	2	0	9,000
Old Hickory				1	0	10,000
Appelo	5.15 p.	300	sw.	5	7	1,000
Pearson	5.20 p.	1200	sw.	0	0	9,000
Perry	5 20 p.	200	sw.	0	0	2,500
Portland	9.30 p.	300	sw.	0	2	3,000
Quitman	5.15 p.	300	sw.	0	0	4,000
St. Vincent				0	2	8,000
Sheridan	8.30 p.	300	w.-sw.	1	5	6,000
Stafford	4 30 p.	300	sw.	0	0	5,500
Wooster	6.00 p.	180	sw.	0	9	500

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	30.12	30.49	10	29.35	25	5,107	32	E.	25	.....	.....	60
Fort Smith.	30.07	30.48	21	29.37	25	7,005	52	sw.	25	82	62	57
Little Rock.	30.10	30.48	11	29.44	25	7,252	46	w.	17	75	57	50
Memphis.	30.11	30.51	11	29.55	26	5,946	46	sw.	17	77	60	59

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**51.6**		**90**		**2**		**3.65**		**15**	**6**	**9**	**3**
1891	49.7	−1.9	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.7	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.3	84	7	10	24	4.21	+0.56	14	8	8	5
1894	50.4	−1.2	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.7	82	18	16	25	4.82	+1.17	14	5	11	6
1896	52.8	+1.2	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	0.0	88	15	15	30	2.82	−0.83	16	6	8	6
1898	47.5	−4.1	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.7	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	−0.2	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−1.1	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+4.9	90	11	18	27	6.66	+3.01	8	9	13	9
1903	47.6	−4.0	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	−0.2	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.6	88	18	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.4	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.6	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.2	88	10	5	14	5.40	+1.75	15	6	9	8
1909	59.3	+7.7	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	24	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.8	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−1.1	89	11	13	25	1.66	−1.99	19	7	4	2
1913	57.6	+6.0	85	18	20	9	2.47	−1.18	10	9	11	5
1914	52.6	+1.0	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.2	88	1	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.5	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.9	85	10	11	24	1.96	−1.69	17	4	9	4
1918	49.7	−1.9	88	6	18	30	3.91	+0.26	15	4	11	6
1919	51.4	−0.2	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.8	89	7	10	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.3	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.3	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.8	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+1.8	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.2	89	12	15	25	5.67	+2.02	16	4	10	8
1926	47.2	−4.4	81	6	10	19	3.33	−0.32	14	5	11	6

Correction October, 1926

Stuttgart: Number of partly cloudy days should be 7, cloudy 4.

Climatological Data for November, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	31	48.9	−3.7	74	25	23	19	30	0.87	−3.09	0.40	0.0	4	11	6	10	n.	G. C. Thrash
Arkadelphia	Clark	250	30	.....	.....	.....	.....	.....	.....	.....	3.77	+0.22	1.67	0.0	4	16	4	10	s.	F. J. Carpenter
Arkansas City	Desha	145	42	.....	.....	.....	.....	.....	.....	.....	3.35	−0.44	1.64	0.0	5	20	6	14	.....	Carl R. Cutting
Arlberg	Stone	700	4	.....	.....	.....	.....	.....	.....	.....	4.25	.....	2.30	1.0	5	11	9	10	ne.	J. D. Reeves
Batesville	Independence	277	27	43.4	−5.8	70	1	17	22†	38	5.19	+1.64	2.17	T.	9	13	1	16	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	34	45.5	−5.8	68	25†	21	19†	35	4.46	+1.03	2.44	T.	8	12	4	14	sw.	J. E. Scanlan.
Bentonville	Benton	1303	21	42.6	−4.1	72	25	17	22	33	2.79	−0.20	1.20	8.7	10	14	6	10	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	24	.....	.....	.....	.....	.....	.....	.....	5.51	+1.44	2.38	T.	8	13	2	15	s.	Vernon C. Howe
Blytheville	Mississippi	252	1	47.2[a]	.....	74[a]	14†	17[a]	22	34[a]	4.67	.....	1.68	0.0	5	18[a]	3[a]	8[a]	n.	J. M. Brooks
Booneville	Logan	465	12	48.2	−5.6	77	25	22	19	40	4.40	+0.38	3.03	T.	6	16	2	12	w.	F. H. Randolph
Brinkley	Monroe	205	39	47.8	−4.0	73	25	20	19	39	3.25	−0.94	1.23	0.0	5	12	3	15	s.	R. J. Torry
Calico Rock	Izard	361	22	44.1	−4.5	74	25	18	22	44	2.54	−0.55	0.94	T.	8	10	8	12	nw.	W. J. Copp
Camden	Ouachita	158	41	48.2	−4.0	75	25	23	19†	42	2.50	−1.57	1.65	0.0	8	10	7	13	ne.	A. B. Quarterman
Center Point	Howard	470	27	49.5	−4.8	74	25	25	18	30	2.78	−0.60	1.44	T.	6	12	6	12	se.	John C. Floyd
Clarendon	Monroe	200	22	.....	.....	.....	.....	.....	.....	.....	2.38	−1.52	1.18	0.5	8	12	7	11	s.	J. W. Bishop
Clinton	Van Buren	516	5	.....	.....	.....	.....	.....	.....	.....	4.53	.....	2.40	0.0	4	11	12	7	w.	A. L. Stephens
Conway	Faulkner	309	43	48.0	−3.8	73	25	22	19	35	3.68	−0.12	2.84	0.0	6	16	4	10	s.	E. E. Cordrey
Corning	Clay	293	33	47.1	−0.9	81	6	22	12	55	4.87	+1.19	1.17	0.0	7	12	7	11	sw.	Winfred D. Polk
Dam No. 1	White	190	3	.....	.....	.....	.....	.....	.....	.....	4.24	.....	1.76	0.0	5	18	0	12	sw.	J. O. Yingling
Danville	Yell	327	10	.....	.....	.....	.....	.....	.....	.....	3.53	.....	1.55	T.	6	14	4	12	w.	C. P. Evans
Dardanelle	Yell	330	40	47.8	−4.6	76	26	23	19	42	4.14	+0.64	1.36	0.0	7	12	12	6	e.	G. N. Goodier, Jr.
Dumas	Desha	162	20	48.8	−5.1	75	25	22	19	38	2.28	−1.61	0.95	0.2	10	10	10	10	n.	Ben Johnson.
Dutton	Madison	1590	23	41.4	−6.2	69	5†	10	19	50	3.63	+0.24	1.90	6.9	8	12	5	13	se.	J. M. Ricketts
El Dorado	Union	270	25	51.8	−3.1	76	25	25	19	37	2.31	−0.91	0.76	0.0	6	14	4	12	nw.	J. J. Babb
England	Lonoke	229	19	49.4	−4.3	74	1	22	19	38	3.06	−0.65	2.08	T.	7	11	9	10	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	26	45.4	−6.2	72	25	17	22	34	3.01	+0.06	1.08	5.0	6	7	10	13	n.	Geo. W. Nicholalds.
Evening Shade	Sharp	600	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. F. Graddy
Fayetteville	Washington	1451	39	44.8[a]	−5.0	74[a]	25	18[a]	19†	39[a]	2.25	−0.83	0.75	4.5	7	12[a]	10[a]	7[a]	s.	University of Arkansas
Fort Smith	Sebastian	457	45	47.8	−2.4	77	25	25	22	33	1.41	−1.87	0.84	T.	4	12	5	13	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	2	.....	.....	.....	.....	.....	.....	.....	4.50	.....	2.44	2.0	7	14	3	13	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	40	.....	.....	.....	.....	.....	.....	.....	1.64	−1.87	0.78	0.0	4	11	6	13	.....	T. J. Logan
Georgetown	White	200	14	.....	.....	.....	.....	.....	.....	.....	3.73	+0.14	1.47	0.0	5	16	1	13	n.	W. R. Owens
Gilbert	Searcy	675	3	.....	.....	.....	.....	.....	.....	.....	4.35	.....	2.15	T	8	13	10	7	.....	Ben F. Battenfield
Grannis	Polk	900	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. E. Mc Vay
Gravette	Benton	1250	29	44.8	−3.6	72	25	15	19	37	2.08	−0.93	0.92	5.0	5	16	6	8	s.	A. F. Stevens
Harrison	Boone	1052	25	44.8	.....	80	6	13	19	53	4.04	+1.25	1.87	8.0	5	13	7	10	.....	G. L. Wright
Helena	Phillips	193	54	47.4	−5.8	72	25	23	19	32	3.37	−1.12	1.71	1.0	11	13	2	15	s.	James A. Burnett
Higden	Cleburne	445	8	.....	.....	.....	.....	.....	.....	.....	3.77	.....	2.12	T.	7	14	5	11	n.	Geo. W Baker
Hope	Hempstead	377	55	48.9	−5.7	72	25†	24	19	36	2.53	−1.94	1.93	0.0	4	17	3	10	n.	N. P. O' Neal
Hot Springs	Garland	600	35	48.4	4.4	72	25	24	19	34	3.16	−1.14	1.76	T.	7	16	3	11	.....	P. P. Patraw
Huttig	Union	175	19	49.8[f]	−7.1	75[e]	14†	23[f]	19	42[f]	2.34	−1.00	0.90	0.0	5	10[e]	9[e]	6[e]	n.	J. L. Collett
Index	Little River	275	1	.....	.....	.....	.....	.....	.....	.....	2.07	.....	0.83	0.0	8	13	2	15	....	H. D. Sanderson
Jonesboro	Craighead	345	31	46.0	−5.4	70	24	18	22	38	2.90	−0.56	0.87	0.0	7	23	0	7	s.	Benedictine Sisters
Junction	Union	182	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Lowderback
Lambrook	Phillips	155	3	45.4	.....	73	25	20	19	38	3.17	.....	1.68	0.1	8	11	6	13	s.	G. B. Lambert Co.
Little Rock	Pulaski	357	47	47.8	−4.3	71	25	25	19	28	3.16	−1.43	1.41	0.0	8	12	10	8	s.	U. S. Weather Bureau
Lurton	Newton	2100	1	41.2	.....	66	25	18	18	31	5.54	.....	3.38	3.0	5	11	3	16	e.	I. C. Sutton
Lutherville	Johnson	775	28	45.4	−5.8	71	25	20	22	34	3.76	−0.33	2.49	T.	5	15	7	8	ne.	H. G. Lenhardt
Magnolia	Columbia	315	7	51.2	.....	77	25	25	10†	36	1.82	.....	1.20	0.0	4	15	7	8	ne.	State Agri. School
Malvern	Hot Springs	277	39	48.6	−3.6	71	25†	22	19	38	2.57	−2.01	1.50	0.0	5	16	5	9	n.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	44.7	−3.9	71	25	15	22	38	4.38	+1.06	1.60	0.1	9	15	4	11	s.	E. C. Bellamy
Marianna	Lee	235	14	48.0	−4.0	71	26	24	19†	30	3.25	+0.25	1.00	T	9	16	10	4	n.	C. N. Houck
Marked Tree	Poinsett	229	21	42.0	.....	74	24	16	21	38	4.06	−0.44	1.80	0.0	7	8	9	15	ne.	Charles Walton
Marshall	Searcy	1070	12	45.8	−5.9	72	25	18	22	40	4.51	+0.62	2.55	2.5	5	15[a]	0[a]	14[a]	n.	A. J. Park
Mena	Polk	1185	38	47.6	5.5	73	25	22	18	34	2.58	−0.88	1.91	0.0	7	13	6	11	w	E. W. St. John
Morrillton	Conway	347	5	48.6[f]	.....	73	25	25[f]	19†	32[f]	3.53	.....	1.54	0.0	5	12	8	10	sw.	John Cook
Mountain Home	Baxter	800	12	44.4	−5.2	73	25	11	22	44	3.90	+0.64	2.60	T.	3	12	1	17	w.	B. S. Halbert
Mount Ida	Montgomery	650	27	47.3	−3.8	74	25	18	19	42	2.64	−1.40	1.45	0.0	4	12	6	12	nw.	G. A. Whittington
Murfreesboro	Pike	367	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	Jackson	231	42	47.6	−3.4	72	1	18	22	34	3.31	−1.09	1.53	0.0	5	12	6	12	n.	A. C. Wilkerson
Osceola	Mississippi	240	28	47.7	−2.1	74	25	11	22	40	3.01	−1.84	1.43	0.0	6	8	7	15	n.	June Thomason
Ozark	Franklin	450	30	46.8[a]	−5.4	75[a]	25	22[a]	19†	35[a]	3.17	−0.01	1.73	T.	4	18	2	10	e.	Isham Jarrow
Patterson	Woodruff	196	10	.....	.....	.....	.....	.....	.....	.....	5.09	+0.07	2.09	0.0	5	16	0	14	s	W. E. Baker
Piggott	Clay	307	2	.....	.....	.....	.....	.....	.....	.....	4.14	.....	1.50	0.5	6	16	6	8	sw.	H. H. Harlan
Pindall	Searcy	1500	4	.....	.....	.....	.....	.....	.....	.....	3.73	.....	1.75	3.0	7	12	4	14	nw.	W. W. Wood
Pine Bluff	Jefferson	215	39	50.2	−2.6	73	25	21	19	37	2.43	−1.76	1.35	T.	8	15	3	12	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	33	51.6	−5.6	78	24	17	22	37	5.18	+1.67	1.70	0.0	8	12	8	10	n.	Benedicitine Sisters
Portland	Ashley	122	20	51.2	−2.7	77	14	22	19	41	3.98	+0.38	1.90	0.0	5	7	13	10	sw.	W. E. Edmiston
Prescott	Nevada	329	38	49.0	−5.2	77	1	24	19†	37	2.83	−0.66	0.92	0.0	8	14	7	9	n.	C. D. Calhoun
Princeton	Dallas	287	20	.....	.....	.....	.....	.....	.....	.....	2.69	−1.27	1.82	0.0	3	20	1	9	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	25	51.0[b]	−2.1	76[b]	26	24[b]	19	37[b]	2.03	−1.35	0.73	0.0	5	13[b]	7[b]	8[b]	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	35	44.6	−4.7	73	25	15	22	41	2.54	−0.39	0.78	3.5	5	14	5	11	sw.	Carl A. Starck
Searcy	White	236	17	46.8	−3.9	71	25	21	19†	39	3.83	−1.65	1.30	0.0	8	16	0	11	s.	J. T. Bell.
Springbank	Washington	1240	19	.....	.....	.....	.....	.....	.....	.....	2.12	−1.35	1.45	0.0	5	18	2	10	.....	Miss Grace Field
Stuttgart	Arkansas	700	2	.....	.....	.....	.....	.....	.....	.....	3.68	.....	1.28	0.0	5	14	5	11	n.	S. C. Story
Subiaco	Logan	1050	40	51.9	−3.5	79	25	25	18†	39	2.13	−1.02	1.10	0.0	5	17	1	12	n.	Adam F. Buerkle
Texarkana	Miller	332	7	.....	.....	.....	.....	.....	.....	.....	4.49	.....	2.33	T	7	11	2	17	nw.	New Subiaco Abbey
Waldron	Scott	675	32	50.6	−3.0	73	25	25	19	33	4.08	+0.11	1.95	0.0	4	16	9	5	s.	H. S. Brashear.
Warren	Bradley	206	2	.....	.....	.....	.....	.....	.....	.....	3.06	.....	1.88	0.0	4	13	2	15	w.	Dr. Cheves Bevill
Waters	Montgomery	800	22	.....	.....	.....	.....	.....	.....	.....	2.06	−0.88	0.95	0.0	3	13	5	12	sw.	W. L. Shide
Whitecliffs	Little River	290	1	47.4	.....	74	25	17	22	33	3.86	.....	1.56	0.0	7	19	5	6	sw.	J. R. Huddleston
Wilson	Mississippi	237	18	46.9	−4.9	72	25	20	21	34	3.62	−0.03	1.37	T.	7	13	6	11	s.	Nanrie O. Schirm
Wynne	Cross	250	2	.....	.....	.....	.....	.....	.....	.....	2.55	.....	1.52	T.	10	12	5	13	.....	M. W. H. Collins
Yancopin	Desha	167		.....	.....	.....	.....	.....	.....	.....	3.33	−0.32	3.38	2.9	6	14	5	11	n.	E. O. Allen
State Means and Extremes				47.2	−4.0	81	6	10	19	55										W. E. Barton

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than .01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[e] indicate number of days missing. †Also on other dates ‡ office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for November, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	9.9	9.3	8.5	7.9	7.7	7.3	7.1	7.0	7.0	7.3	7.3	7.4	7.5	7.4	9.1	12.6	14.4	12.6	11.4	11.4	10.4	9.6	9.0	8.3	7.9	7.7	7.4	7.1	7.0	7.0
Dardanelle	do	20	9.4	8.2	7.5	6.7	6.1	5.6	5.3	5.3	5.4	5.4	5.4	5.3	5.1	5.5	10.3	9.5	10.5	12.4	11.2	9.6	9.5	8.8	7.9	7.2	6.6	6.6	6.0	5.7	5.5	5.5
Little Rock	do	23	9.2	9.5	8.2	7.1	6.3	5.6	4.9	4.3	4.2	4.2	4.4	4.3	4.1	4.0	4.9	9.9	10.0	10.6	12.4	11.5	9.8	9.0	8.4	7.5	6.5	6.0	6.2	5.9	5.4	5.2
Pine Bluff	do	25	12.4	13.8	13.5	12.4	11.5	10.7	10.2	9.7	9.2	8.9	8.9	9.0	8.8	8.7	8.9	11.3	14.1	14.1	15.5	16.0	14.8	14.8	14.4	12.6	11.7	10.8	10.5	10.8	10.3	9.9
Yancopin	do	29	24.9	24.4	24.4	24.0	23.2	22.6	22.2	22.0	21.8	21.5	21.3	21.2	21.0	20.6	20.3	19.9	20.3	21.1	22.4	23.4	23.5	23.2	22 9	23.0	23.0	23.0	23.2	23.6	24.0	24.4
Danville	Petit Jean	20	9.7	8.2	7.5	7.3	7.2	7.1	6.8	6.8	6.8	6.7	6.7	6.5	6.2	7.0	18.3	20.6	21.9	20.8	18.6	14.5	11.3	9.7	9.5	9.5	10.9	10.1	9.8	7.8	7.6	7.5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Beaco Rock	White	18	12.8	12.1	10.2	7.6	6.4	5.5	4.8	4.4	4.3	6.1	6.3	5.6	5.1	4.7	14.2	13.2	10.7	11.6	11.1	10.7	8.7	8.0	7.4	6.9	6.4	6.6	6.2	5.7	5.6	5.3	
Batesville	do	23	19.4	19.0	18.3	15.3	13.0	11.8	11.0	10.3	10.0	10.5	11.7	11.8	11.1	10.8	17.1	22.3	18.9	17.5	18.7	17.3	15.7	14.8	13.8	13.2	12.6	13.5	12.5	12.0	11.8	11.4	
Batesville	do	26	18.3	19.0	19.2	18.7	16.7	14.0	11.5	10.2	9.4	8.4	9.2	9.9	9.7	8.9	10.2	17.6	20.6	20.5	20.4	20.5	19.9	19.0	17.8	16.5	15.3	14.4	15.0	14.2	13.4	12.9	
Davport	do	..	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	4.8	26.0	19.0	7.0	6.0	5.0	4.6	4.2	4.0	3.7	3.5	4.0	6.5	5.0	3.6	2.8	
Fan No. 1	Little Red	..	12.6	15.8	16.8	17.1	17.5	17.7	17.6	17.2	16.4	15.2	14.2	13.8	13.6	13.2	13.4	15.2	17.6	18.1	18.4	18.8	19.0	19.5	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.0	
Georgetown	White	22	17.3	18.2	19.3	20.1	20.5	21.3	21.6	22.0	22.3	22.4	22.5	22.4	22.2	21.9	21.9	21.6	21.5	21.6	21.9	22.2	22.5	22.8	23.0	23.4	23.7	23.9	24.1	24.3	24.5	24.6	
Herndon	do	30	6.7	6.4	5.6	5.5	5.4	5.3	5.2	5.0	5.3	5.2	5.0	4.9	4.8	7.0	12.7	7.6	7.4	7.3	7.7	6.5	6.3	6.0	5.8	5.6	5.5	6.3	5.9	5.6	5.5	5.4	
Hibbert	Buffalo	30	7.6	8.9	9.6	9.9	9.9	9.4	8.9	8.5	8.2	7.9	7.9	8.1	7.9	7.7	7.7	9.1	10.5	10.9	10.9	10.9	10.9	10.9	10.8	10.6	10.3	10.1	10.0	10.4	10.6	10.5	
Herning	Black	11	6.8	6.8	6.8	5.4	5.1	4.7	4.1	4.4	4.3	4.4	4.0	3.5	3.4	3.4	8.4	10.0	8.4	9.0	9.1	9.0	7.3	7.3	7.2	6.8	6.5	8.4	7.8	7.5	7.4	7.0	
Jack Rock	do	14	8.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	4.0	3.8	3.8	3.4	3.5	2.4	2.6	1.0	0.8	0.8	0.7	1.0	2.4	1.7	
Patterson	Cache	9	4.0	3.7	3.5	3.2	1.3	0.8	0.8	0.8	0.9	0.9	0.9	0.7	0.5	0.5	4.2	4.6	4.0	3.8	3.8	3.4	3.5	2.4	2.6	1.0	0.8	7.3	6.9	6.8	6.8	6.7	
Philadelphia	Ouachita	18	13.5	15.6	15.0	13.7	11.2	9.4	7.6	6.6	5.5	5.3	6.3	6.8	6.5	6.3	5.8	9.5	13.8	15.0	14.7	13.0	11.1	10.2	9.5	8.3	8.0	7.3	10.9	10.5	10.3	10.3	
Pinden	do	30	15.1	15.9	15.6	14.7	13.7	12.9	12.2	11.8	11.7	11.6	11.8	11.9	11.7	11.5	11.3	13.1	14.8	16.6	16.6	16.4	15.4	14.3	13.1	12.1	11.5	11.2	9.8	9.2	8.8	8.5	
Pelton	Red	28	12.5	14.8	14.8	14.8	14.0	13.2	12.8	12.4	11.8	11.8	11.0	10.9	10.6	10.5	10.4	10.4	12.4	15.4	16.1	16.0	15.3	14.5	13.6	12.3	11.1	10.3	9.8	9.2	8.8	8.5	
Pringbank	do	37	7.4	12.3	11.2	9.0	6.8	5.3	4.8	5.0	3.5	3.5	4.6	4.6	4.3	1.3	4.6	15.0	18.9	19.8	19.4	19.2	14.3	10.0	7.2	5.5	4.5	4.1	3.4	3.3	3.3	3.0	
Whitecliffs	Little	28	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.7	3.7	3.7	3.1	3.4	4.0	4.1	4.4	4.4	4.5	4.6	4.4	4.5	4.5	4.5	4.5	4.6	4.2	4.7	4.8	5.0	
Marked Tree	St. Francis	17	21.2	24.5	25.0	25.6	26.2	27.0	27.5	27.9	28.1	28.1	27.8	27.3	26.7	25.9	25.3	24.5	23.6	22.8	22.3	22.5	23.8	25.5	26.6	27.6	28.5	29.5	30.4	31.0	31.4	31.6	
Helena	Mississippi	44	33.7	32.8	32.2	32.0	31.8	31.8	31.8	32.0	32.1	32.1	32.0	31.9	31.6	31.2	30.7	30.2	29.6	29.2	28.9	28.7	28.9	29.5	30.2	30.9	31.7	32.3	33.0	33.7	34.2	34.6	
Arkansas City	do	48																															

Daily Precipitation for November, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita								.20						.40											.20		.07					0.87
Arkadelphia	Ouachita								.56							1.67											.31		1 23				3.77
Arkansas City	Desha		.05						.64	.10						1.64											.55		.54				3.35
Arlberg	White								.46						2.30			.40							.06	1.36			.52				4.25
Batesville	White								.22	.74					T.	2.17	.02	.08	.02						.01	.71			.42				5.19
Bee Branch	Arkansas							.48	.50	.18				.27	2.44	.05		.12							.13		.14						4.46
Bentonville	Arkansas								.03						.47	.05	.16	1.05	.01						.05	1.70			.35				2.79
Black Rock	White								.03	.92						2.38		.09	.07	T.						.64			.75				5.59
Blytheville	Mississippi								1.42	.18						1.68																	4.67
Booneville	Arkansas								.78	.16					3.03			.38	.01														4.40
Brinkley	White								.47	.15						1.23	T.	.26	.23	T.													3.25
Calico Rock	White								.30	.31				T.	.24	.94					.01	.13											2 54
Camden	Ouachita		.06	.02					.16							1.65		T			.15	.02	.03		T.								2.50
Center Point	Red								.56	T.					1.44											.02	.12			.33				2.78
Clarendon	White								.40	.27						1.18		.02	.04							1.52		.18						2.38
Clinton	Arkansas							.43							2 40																		4.53
Conway	White								.32	.35					2.34			.06									.63		.28				3.98
Corning	White							.36	.36	.14					1.17	.41		.59									.97		.93				4.87
Dam No. 1	White								.16						1.76			T.	.23							1.32		.64					4.24
Danville	Arkansas								.75	T.					1.55											.55		.20	.20				3.53
Dardanelle	Arkansas								.61	.29					1.36	.37		.12									1.20		.19				4.14
Dumas	Mississippi			.03					.70	.10				.09	.95	.20		.05			.10	.10			.03	.02							2.28
Dutton	White								.65	.24					1.90	.03		.62		.01					T.				.09				3.63
El Dorado	Ouachita		.17						.76	T.					2.12	.13			T.								T.						2.31
England	Arkansas								.33				.07			.50				.10														3.06
Eureka Springs	White								.78						2.08	.22		1.03				.22	.31						.29				4.04
Evening Shade	White								.52	.05			T.	T.	.68	.01																	3.37
Fayetteville	White							.16	.20						75	.10		.52											.11				3.77
Fort Smith	Arkansas								.48	.11					2.41	.66		.21											.44				2.53
Freeman Sprgs	Arkansas								.26						.50	.78		.02	.41		T.								.13				3.16
Fulton	Red			.10					.23	.07						1.47																	2.34
Georgetown	White								.44	.14					2.15	.29		.31	.19	T.							.06		.51				2.07
Gilbert	White																															.52	2.90
Granuis	Red								.60	.08					42	.06		.92															
Gravette	Arkansas								1 87					T.	1.26			.68	T.							T.	.06	.20		.44				3.00
Harrison	White								.34	.36						1.74	.04	.02	.08	.01		.08					.06	.75		.13				3.16
Helena	Mississippi								.33	.25					2.12	.13		T.	T.						T.		T.			T.				5.54
Higden	White							.40	.05						1.93						.15	T.		T.					.51				3.76
Hope	Red							T.	.43	.12					1.76	.01		T	.02		T.	T.	T.	T.		T	.31						1.82
Hot Springs	Ouachita								.90							.56					.12								.08				2.57
Huttig	Ouachita		.24						.36	.01				.83	.45			.10			.18	.03							.64				4.38
Index	Miller		.13						.32	.29					.87	.37											.31						3.25
Jonesboro	White																																4.06
Junction	Ouachita								.48						1.83				.17								.34		.35				4.51
Lambrook	White							.04	.36	.05					1.68			.03						T.	T.	.75		.13	.12				2.58
Little Rock	Arkansas								1.01	.23				.10	3.38			.33	.04							.11			.34				3.53
Lurton	White								.90					.02	2.49			.05	T.							T.			.30				3.90
Lutherville	Arkansas								.09						1.20																		2.64
Magnolia	Mississippi		.18						.40	.05						1.50						.35							.22				3.31
Malvern	Red								.30	.70				.08	1.60	.20		.60	.10						.50				.40				3.01
Mammoth Spg.	Ouachita								.54	.04					1.00	.37		.02	T.					.01		.01	.72						3.17
Marianna	White								.35	.27						1.80	.05	.07									.80						5.09
Marked Tree	Mississippi								.96	.02				T.	2.55	T.		.53	T.							T.	.03						4.14
Marshall	Mississippi								.44	.17				T	1.65	.26		.01						.02			.94	.44					3.73
Mena	White								.31	.30					1.54												.70						2.43
Morrillton	Ouachita														2.60			.60									.70						5.18
Mountain Home	Conway								.45	.04					1.45													.65		.48			3.98
Mount Ida	Ouachita								.31	.34						1.53												.18					2.83
Newport	White								T.	.57						1.43	.17	T.	.10							.39		.56					2.69
Osceola	Mississippi								1.04	.01					1.73													2.09		.65			2.03
Ozark	Arkansas								.38	.65						1.32											1.01		.75				2.54
Patterson	White								.55						1.50			.28				.05					.69		.27				3.83
Piggott	Mississippi								.42	.12				.06	1 75			.42									.02	.31		.32			2.12
Pindall	White								.30	.08						1.35		.04				.01					.05	1.57		.60			3.68
Pine Bluff	Arkansas								.20	.30					1.70	.38		.38												.99			2.22
Pocahontas	White								.60							1.90					.17					.39	.03		.23				2.27
Portland	Ouachita														.92	.65				.18	.05						.32		.30				2.13
Prescott	Ouachita								.38							1.82											.73		.70				4.49
Princeton	Ouachita							25														.12				.67							4.08
Rison	Arkansas								.38	.10				.02	T.	.71	T.	T.	.36								1.02		.50				3.06
Rogers	White								.78							1.30	.33	.04							.02	T.	T.		T.				2.04
Searcy	Red		.16						.30	.32						T.	1.45				.15	.20	T.										4.04
Springbank	Ouachita								.16	T.						1.16								1.28		.50		.10				3.37
Story	Arkansas								.61							1.34										.16		.28				3.77
Stuttgart	Arkansas								.28	.16						1.40		.37								T.							2.53
Subiaco	Arkansas									.49				.01		1.10	.20																3.16
Texarkana	Red			.15						.43				.03	2 33			.54			.25	T.				.58			.04				2.34
Waldron	Arkansas									.53	.44					1.95				T.	.25						T.		.80				2.07
Warren	Ouachita								1.08	T.						1.86										.58			.13				2.90
Waters	Ouahita								.49							T.	.95							T.									
Whitecliffs	Red									.70						1.56	.03	.11								55		.41					3.06
Wilson	Mississippi								.61	.36						1 37	.05		T.									.64					2.06
Wynne	Mississippi									.52	.22					1.52		.03	.08		.14	T.				T.	.05	.80		.61			3.86
Yancopin	Arkansas		.02						.44	.07																.04	.03			.18			3.62
																																	2.55

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Precipitation included in the next following measurement.

Daily Temperatures for November, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	64	59	60	58	58	63	60	61	54	58	50	60	65	72	66	65	60	54	54	49	45	53	58	58	74	68	61	67	68	64		60.2
	Minimum	38	46	32	40	28	33	46	51	40	29	27	32	41	46	42	36	40	26	23	34	36	33	29	48	48	44	31	52	50	34		37.6
Batesville§§	Maximum	70	54	61	46	62	66	65	64	50	45	47	60	64	57	53	58	53	37	51	38	41	48	55	63	69	53	54	63	61	62		55.7
	Minimum	36	34	31	29	27	28	33	48	40	26	22	23	31	49	46	30	31	28	20	21	31	17	17	25	39	45	27	27	43	30		31.1
Bentonville	Maximum	58	52	52	43	63	67	63	58	44	44	54	57	61	61	45	54	36	32	40	36	32	45	54	63	72	44	60	68	60	64		52.7
	Minimum	36	27	33	28	30	42	45	37	29	22	27	37	52	40	39	33	23	21	18	26	19	17	29	48	41	30	29	41	24	40		32.4
Bee Branch	Maximum	67	61	60	57	61	67	62	64	55	48	48	57	54	62	52	58	55	40	50	45	38	46	50	62	68	68	53	60	63	60		56.4
	Minimum	37	35	30	31	26	32	40	46	37	27	25	28	46	51	43	35	34	25	21	30	31	21	25	37	54	42	30	45	43	32		34.6
Blytheville	Maximum	..	66	62	50	63	70	68	64	54	43	47	60	59	74	54	61	56	38	49	43	38	49	59	71	74	59	55	65	64	62		57.8
	Minimum	..	45	47	43	39	41	44	58	37	28	27	32	35	45	40	36	33	27	23	26	23	17	25	41	51	47	29	43	46	30		36.5
Booneville	Maximum	63	56	61	54	67	71	63	65	51	53	55	52	58	67	54	64	58	38	51	47	38	50	57	67	77	70	61	69	67	71		59.4
	Minimum	45	37	32	32	27	35	43	49	37	28	29	37	51	53	45	38	33	25	22	32	32	23	27	47	56	38	30	51	39	34		36.9
Brinkley	Maximum	70	59	64	54	63	65	68	61	62	47	51	60	64	67	56	65	59	44	44	45	42	51	48	59	73	70	59	66	61	66		58.8
	Minimum	36	38	28	32	24	31	42	55	42	24	20	28	47	55	46	54	42	28	20	26	34	21	24	50	56	47	29	46	48	31		36.8
Calico Rock§§	Maximum	68	57	61	47	69	70	64	65	57	48	52	57	61	59	50	62	41	30	49	40	41	51	57	69	74	52	57	65	63	66		56.4
	Minimum	37	33	32	33	27	29	35	39	39	27	25	25	35	52	48	30	31	28	21	22	31	18	21	25	42	43	27	28	39	31		31.8
Camden§§	Maximum	69	55	66	57	64	70	62	69	57	53	56	62	73	70	59	67	53	45	59	42	46	54	56	72	75	63	65	67	69	67		61.4
	Minimum	39	39	31	31	28	28	34	48	43	25	25	27	31	52	43	37	37	27	23	23	36	31	27	31	55	51	31	31	51	31		34.9
Center Point	Maximum	68	60	65	59	62	66	62	61	53	53	54	63	58	65	57	65	62	46	55	52	42	49	48	62	74	72	60	70	68	64		59.8
	Minimum	42	41	36	35	32	38	50	44	40	28	31	39	52	52	42	36	38	25	27	36	36	29	36	48	58	42	39	52	47	43		39.8
Conway	Maximum	68	60	60	60	64	70	64	66	59	48	50	56	58	65	54	64	57	45	52	45	41	49	53	63	73	70	57	64	65	63		58.8
	Minimum	36	39	32	38	27	35	46	49	41	30	25	33	50	54	45	32	37	28	22	32	34	23	26	50	57	43	29	45	45	33		37.2
Corning	Maximum	74	69	58	49	55	81	68	68	64	70	48	49	64	78	70	71	51	50	44	49	60	51	49	60	58	60	51	64	64	61		60.3
	Minimum	48	44	34	42	26	26	38	39	44	39	25	22	28	34	38	34	26	24	23	28	30	30	29	39	44	49	24	39	31	41		33.9
Dardanelle	Maximum	73	69	62	62	56	63	72	60	65	54	50	49	56	66	66	54	64	58	43	49	48	39	49	51	62	76	66	55	69	67		58.8
	Minimum	39	40	33	35	29	37	47	51	40	31	30	35	51	54	45	36	36	26	23	32	34	24	28	40	47	34	32	38	45	36		36.9
Dumas	Maximum	71	58	65	54	63	71	68	70	60	49	55	59	65	71	54	67	58	43	44	48	47	50	56	66	75	70	65	67	66	61		60.5
	Minimum	39	39	30	35	27	33	42	41	41	25	24	29	44	52	44	36	39	30	22	29	34	30	27	51	58	52	32	47	51	32		37.2
Dutton	Maximum	64	52	54	45	69	63	52	57	48	44	48	53	50	60	48	53	51	32	45	40	38	43	47	63	69	62	54	63	61	62		53.0
	Minimum	31	26	24	27	19	33	37	44	29	21	20	32	45	45	37	26	28	18	10	21	24	13	23	43	53	38	23	46	30	29		29.8
El Dorado	Maximum	67	62	67	58	65	70	65	69	58	54	60	63	73	70	58	67	62	46	62	51	46	55	55	70	76	70	68	67	68	70		63.1
	Minimum	43	40	34	33	31	35	44	53	43	28	30	34	50	53	44	37	45	28	25	38	37	31	31	52	63	54	36	48	56	36		40.4
England	Maximum	74	58	65	56	64	73	66	71	58	47	53	59	65	68	54	62	58	44	54	44	47	50	55	61	71	70	60	64	65	67		60.1
	Minimum	58	40	29	35	27	35	48	51	40	27	23	27	48	53	45	33	41	28	22	30	35	25	28	52	60	46	44	47	48	34		38.6
Eureka Springs	Maximum	63	55	56	43	64	69	59	61	50	48	58	59	56	60	51	55	51	31	46	35	37	47	57	66	72	56	62	67	64	68		55.9
	Minimum	40	27	34	28	33	46	48	46	30	21	25	39	53	51	39	35	25	21	19	25	21	17	32	49	54	32	28	52	32	42		34.8
Fayetteville	Maximum	60	54	54	46	61	65	..	59	51	46	53	55	61	56	50	54	51	34	54	38	36	49	53	67	74	72	59	68	60	64		55.3
	Minimum	42	29	29	27	30	45	..	44	29	27	25	40	50	49	40	48	29	19	18	27	24	18	27	48	56	33	28	47	32	36		34.3
Fort Smith	Maximum	66	53	58	51	65	69	60	62	49	51	54	58	68	68	54	62	56	36	48	41	39	48	54	64	77	53	60	71	65	68		57.6
	Minimum	42	40	36	36	32	41	46	42	36	31	32	37	54	48	45	39	30	26	25	37	29	25	31	48	53	38	34	48	42	40		38.1
Gravette	Maximum	57	57	52	46	63	69	61	57	56	49	55	60	67	61	49	54	52	30	43	38	34	44	55	64	72	69	60	69	62	66		55.7
	Minimum	39	28	30	26	28	43	47	46	32	22	28	40	55	49	38	29	29	20	15	16	24	17	28	46	58	32	28	52	33	36		33.8
Harrison	Maximum	67	59	65	47	77	80	61	66	58	51	57	57	54	61	50	41	31	28	21	13	22	25	15	28	45	52	36	25	48	35	30	31.6
	Minimum	36	28	31	30	24	35	37	33	31	21	20	35	48	50	41	31	28	21	13	22	25	15	28	45	52	36	25	48	35	30		57.6
Helena	Maximum	68	56	61	55	59	65	66	66	60	44	46	58	63	71	54	62	57	40	48	41	39	45	56	62	72	69	56	67	63	59		37.2
	Minimum	39	39	32	38	31	33	39	50	39	28	26	29	43	53	50	37	34	30	23	29	34	27	27	52	56	47	32	42	44	33		37.2
Hope	Maximum	67	60	65	54	50	66	64	65	56	52	55	65	66	65	57	65	58	46	58	50	41	51	54	69	72	63	65	72	78	67		60.2
	Minimum	45	32	31	38	28	35	48	44	40	26	26	34	51	52	42	36	40	25	24	37	35	27	27	53	50	45	32	48	46	31		37.6
Hot Springs	Maximum	69	58	63	58	63	67	58	66	51	51	53	60	58	68	55	63	55	45	53	45	42	52	50	61	72	69	59	64	68	65		58.7
	Minimum	39	39	35	35	29	39	45	48	40	28	27	34	43	53	45	36	39	27	24	32	36	32	31	50	58	42	32	44	43	35		38.0
Jonesboro	Maximum	68	55	59	48	60	65	63	63	57	41	45	59	62	67	54	58	59	38	46	37	36	46	56	70	68	68	53	65	63	61		56.4
	Minimum	41	35	47	35	30	37	41	48	35	26	22	27	46	53	43	36	37	26	24	28	28	18	24	50	45	43	30	42	44	32		35.7
Lambrook §§	Maximum	68	51	64	53	61	66	66	66	47	46	49	58	65	70	52	64	58	39	54	39	40	50	58	62	73	58	59	63	66	65		57.7
	Minimum	34	39	27	31	25	28	32	45	44	26	21	24	34	43	49	32	35	29	20	21	31	24	24	27	54	50	28	32	59	29		33.2
Little Rock	Maximum	67	52	60	49	60	65	63	66	51	96	49	57	65	66	53	61	59	39	49	38	40	48	54	61	71	65	57	64	63	63		56.7
	Minimum	41	39	34	37	32	37	48	48	39	32	27	36	50	51	41	36	32	28	25	33	34	29	32	51	58	42	37	50	47	39		38.8
Lurton	Maximum	64	50	55	40	58	62	53	57	45	40	45	51	50	57	45	52	48	28	46	35	32	41	45	62	66	46	53	59	55	60		50.0
	Minimum	40	27	34	29	29	41	41	42	30	21	24	33	42	43	37	35	23	18	19	25	23	20	30	43	35	33	31	45	38	41		32.4
Lutherville	Maximum	65	52	59	52	60	67	60	60	48	49	46	56	53	62	51	55	53	35	50	47	38	45	48	60	71	57	53	65	66	63		55.2
	Minimum	38	33	31	30	26	38	44	46	36	67	26	33	47	49	43	35	31	24	21	33	31	20	28	47	55	39	31	43	43	38		35.5
Magnolia	Maximum	69	60	66	55	64	68	64	69	58	54	58	64	74	68	59	63	64	48	61	57	55	53	56	71	77	73	66	71	71	70		63.5
	Minimum	40	40	32	36	28	38	38	51	41	25	29	35	50	53	43	36	42	26	25	36	31	29	30	52	63	49	34	51	52	33		38.9
Malvern	Maximum	70	61	66	55	62	68	61	68	54	53	54	61	60	66	55	65	59	47	55	51	43	52	53	62	71	71	62	66	66	65		60.1
	Minimum	37	40	31	36	27	30	40	50	41	25	25	29	50	54	43	32	41	26	22	32	35	33	26	50	60	43	31	41	48	32		37.0
Mammoth Spg	Maximum	67	55	57	45	65	69	61	61	60	44	48	57	55	62	56	60	53	37	45	40	41	47	57	64	71	68	51	63	63	61		56.1
	Minimum	35	32	31	32	27	31	35	48	37	25	24	28	48	52	43	31	34	25	29	25	28	15	24	42	43	40	25	44	38	29		33.3
Marianna	Maximum	66	57	59	56	58	64	66	66	60	44	46	57	63	68	69	61	57	44	48	41	46	47	56	59	70	71	57	64	65	64		58.3
	Minimum	42	39	32	38	31	37	47	46	41	28	26	31	46	48	49	36	42	30	24	29	28	24	29	51	49	48	34	48	47	34		37.8
Marked Tree§§	Maximum	51	57	39	35	65	64	64	43	38	39	48	62	68	52	60	53	36	46	38	34	40	50	62	74	54	53	52	57	59	58		51.7
	Minimum	35	28	30	27	29	34	49	41	24	23	23	29	46	46	35	35	27	20	25	30	16	19	24	50	51	29	30	50	30	31		32.2
Marshall	Maximum	66	54	56	55	65	67	61	61	58	46	48	56	54	61	57	57	54	45	45	44	37	47	55	62	72	66	57	65	63	65		56.6
	Minimum	36	30	49	32	25	37	47	46	34	24	22	36	46	52	42	42	32	25	20	25	28	18	28	41	54	45	24	47	35	32		35.1
Mena	Maximum	63	56	59	50	60	67	58	61	47	50	61	62	61	64	51	61	56	41	55	41	36	44	51	62	73	70	62	68	68	65		57.4
	Minimum	38	38	34	37	29	47	46	49	35	28	27	41	51	48	42	35	32	22	23	35	29	27	34	47	61	38	30	51	44	36		37.8
Morrillton	Maximum	67	64	60	57	62	67	64	65	59	50	49	56	56	65	56	61	59	44	50	49	39	47	52	62	71	69	56	68	68	64		58.5
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	50	53	43	35	38	29	25	32	34	25	38	48	56	43	32	41	36	36		38.7
Mountain Home	Maximum	66	55	59	46	68	65	70	72	52	46	52	55	55	63	57	57	52	52	44	37	39	51	57	66	73	61	56	63	63	67		57.3
	Minimum	35	30	31	33	24	27	30	33	34	23	23	31	48	51	41	33	29	24	19	24	27	11	24	42	49	37	26	44	35	31		31.6
Mount Ida	Maximum	71	59	64	55	65	69	58	65	52	54	55	62	57	65	55	63	58	42	55	48	41	53	50	63	74	72	62	68	68	67		59.7
	Minimum	35	39	28	36	23	29	38	49	38	27	22	30	51	53	40	30	37	25	18	28	35	30	23	46	56	41	25	50	39	27		34.9
Newport	Maximum	72	61	62	52	62	69	68	67	60	46	50	59	60	64	55	62	59	42	51	42	42	48	52	64	69	70	55	64	64	63		58.5
	Minimum	39	36	32	33	28	35	43	49	39	27	23	29	47	53	44	47	37	29	22	27	34	18	26	47	59	47	29	44	44	32		36.6
Osceola	Maximum	73	58	66	51	63	69	70	62	60	58	42	52	61	61	72	56	65	56	41	53	38	51	58	67	74	72	70	66	61	63		60.1
	Minimum	41	34	31	32	30	33	44	51	38	31	21	24	33	46	53	36	35	40	28	23	32	11	26	49	52	43	30	32	44	34		35.3
Ozark	Maximum	68	65	62	55	64	..	69	64	51	53	50	56	55	66	53	59	55	53	53	40	39	46	55	56	75	65	55	68	67	66		58.0
	Minimum	38	36	32	31	29	..	35	48	35	27	31	37	50	52	40	32	35	24	22	33	27	22	26	47	55	40	30	49	38	35		35.7
Pine Bluff	Maximum	72	59	69	54	67	72	67	71	55	52	57	61	67	69	55	67	59	47	59	42	43	52	55	59	73	70	65	65	68	71		61.4
	Minimum	41	38	34	37	30	37	48	51	43	29	28	32	49	53	44	39	40	28	24	33	35	31	30	52	57	47	37	50	50	34		39.0
Pocahontas	Maximum	71	61	60	52	62	69	67	62	58	46	48	59	56	64	55	62	53	36	48	40	44	47	55	78	71	68	52	62	62	61		57.6
	Minimum	37	33	29	32	26	32	40	47	38	25	22	25	46	52	43	35	35	24	20	25	31	17	23	44	44	43	27	38	42	31		33.5
Portland	Maximum	70	58	68	64	64	70	69	68	69	53	52	68	70	77	59	72	57	47	60	49	45	53	60	68	76	74	67	73	69	68		63.9
	Minimum	39	40	30	30	28	29	35	54	45	29	24	27	43	55	46	37	50	30	22	30	37	31	26	51	59	59	34	46	57	33		38.5
Prescott	Maximum	77	71	70	64	58	61	67	65	60	61	60	62	65	62	63	63	60	50	49	49	39	59	50	59	76	70	70	73	72	64		62.3
	Minimum	40	36	38	34	30	32	49	49	30	28	26	31	44	42	43	39	36	26	24	38	24	26	30	39	44	36	35	44	45	36		35.6
Rison	Maximum	68	61	62	66	64	68	68	70	61	63	64	68	67	..	..	72	68	49	59	53	42	52	54	69	73	76	67	67	69	67		63.8
	Minimum	41	32	33	38	29	37	45	51	43	26	27	31	49	..	..	39	41	27	24	34	35	29	30	51	58	49	33	50	50	34		38.1
Rogers	Maximum	61	53	54	46	62	67	60	58	53	46	57	58	56	62	50	56	53	33	43	37	35	47	56	65	73	67	64	68	65	64		55.6
	Minimum	36	29	33	26	27	47	42	47	30	22	25	41	49	50	39	33	29	21	16	25	25	15	24	47	56	33	23	51	31	33		33.5
Searcy	Maximum	69	63	62	53	62	68	67	67	61	48	49	59	59	65	54	62	57	43	49	48	41	48	55	62	71	70	55	62	64	62		58.5
	Minimum	35	37	33	32	26	29	42	48	40	26	23	27	48	54	43	30	39	28	21	28	34	21	26	36	55	45	29	42	45	32		35.1
Stuttgart	Maximum	68	61	63	59	62	68	67	65	58	51	50	57	63	68	61	64	57	50	54	49	45	50	57	64	73	67	67	66	62	65		60.2
	Minimum	39	38	32	35	28	34	43	50	41	25	24	32	46	53	36	41	28	23	31	34	25	25	45	53	48	30	44	48	33	37		36.7
Subiaco	Maximum	70	65	62	59	67	72	66	63	..	..	61	56	58	65	61	60	55	52	50	46	44	49	56	65	77	72	69	71	69	68		61.7
	Minimum	39	38	34	33	29	37	42	48	..	..	28	35	51	52	45	40	34	25	23	38	33	24	27	48	56	39	32	52	42	36		37.8
Texarkana	Maximum	70	60	69	48	67	68	67	66	57	57	61	67	67	67	68	70	60	50	63	56	47	56	57	70	79	71	70	73	74	74		64.3
	Minimum	40	40	34	38	29	40	49	50	40	27	29	38	52	52	40	35	39	25	25	38	37	27	30	50	60	45	38	53	50	36		39.5
Warren	Maximum	68	62	63	59	60	69	65	68	59	50	58	59	66	70	55	66	61	47	58	53	44	50	53	67	73	72	65	67	67	66		61.3
	Minimum	41	39	33	38	32	37	42	52	43	29	27	33	48	54	45	40	43	28	25	33	35	33	29	52	61	52	34	50	53	35		39.9
Wilson	Maximum	70	60	62	62	62	68	66	64	57	41	47	58	62	71	61	61	56	42	48	40	39	47	58	65	74	67	58	68	63	60		58.6
	Minimum	40	35	30	32	30	40	45	51	39	25	22	30	46	44	51	45	40	28	23	26	31	17	25	50	54	42	28	42	47	30		36.3
Wynne	Maximum	70	58	62	52	61	67	67	67	58	45	48	59	63	68	56	61	46	39	49	45	44	45	57	60	72	65	55	66	64	64		57.8
	Minimum	39	37	29	32	27	37	46	51	39	23	23	31	46	54	42	44	33	29	21	28	20	21	26	50	51	43	29	43	51	34		36.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

OL. XXXI LITTLE ROCK, ARK., DECEMBER, 1926 No. 12

GENERAL SUMMARY

The outstanding feature of the weather in Arkansas during ecember, 1926, was the unusually heavy precipitation, the onthly total, 7.15 inches, being the second largest on record r this section since State wide records have been kept and the reatest 24 hour amount, 5.91 inches at Little Rock on the 20th 1st is one of the heaviest on record. Heavy rains occurred roughout most of the State on the 20th-21st, amounts being eaviest in central and south central counties. These rains rought sharp rises in all streams and a rather disastrous flood the Ouachita, a stage of 38.5 feet being reached at Camden. ne life was lost and property damage estimated at over 75,000 was sustained. Three lives were lost and several housand dollars damage done to roads and bridges in Pulaski ounty.

Temperatures were rather mild for a winter month until bout the 14th when a cold wave overspread the State bringing he coldest weather of the month in some localities, however here was soon a reaction to warmer weather and by the 20th emperatures were again 10° to 15° above the seasonal average. older weather again overspread the State about the 24th and 5th, the lowest for the month, 3° below zero, being recorded the 26th. Snow fell over a greater portion of the State on he 25th, but was melted before the close of the month.

The weather was rather unfavorable for outdoor work during ost of the month. Some cotton remained in the fields in astern and northeastern counties and but little was picked uring the month. The weather was mostly favorable for the rowth of winter crops until the last week when oats were frost-d. Some plowing was done early in the month, but this work as stopped by the rain. W.C.H.

TEMPERATURE

The mean temperature for the State, as determined from the ecords of 55 stations, was 43.3° which is 0.8° above normal. ourteen stations for which normals have been computed show-d negative departures, positive elsewhere. The highest month-y mean was 49.9° at Portland, the lowest 37.4° at Dutton, a ifference of 12.5° between the Ozarks of the northwest and he lowlands of the southeast. Extremes ranged from 79° at ortland on the 4th and Rison on the 12th to 3° below zero at Mammoth Spring on the 26th. The highest occurred in most ections about the 4th or 12th and the lowest about the 16th or he 26th.

PRECIPITATION

The average precipitation for 79 stations was 7.15 inches hich is 3.10 inches above normal, all sections showing positive departures. More than half of the monthly precipitation ccurred at numerous stations on the 20th and 21st and the verage for the entire State for those days was over three inches. An appreciable amount of snow was measured at 55 stations, he average being 3.1 inches. The greatest monthly precipita-ion total was 12.43 inches at Portland, the least, 2.53 inches t Gilbert. The greatest amount measured in 24 consecutive ours was 5.91 inches at Little Rock on the 20th and 21st. he average number of days with 0.01 inch or more of precipi-ation was 10.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---8th, 2; 9th, 3; 11th, 1; 20th, 1; 21st, 3; 22nd, 1; 23rd, 19; 24th, 2; 27th, 1.
SLEET:---7th, 1; 14th, 7; 15th, 7; 24th, 3; 25th, 14; 26th, 1; 27th, 1.
LUNAR HALOS:---1st, 1; 10th, 1.
DENSE FOG:-----7th, 3; 11th, 1; 21st, 3; 22nd, 1; 23rd, 2; 25th, 1; 28th, 1; 29th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.08	30.59	15	29.20	12	4,880	21	s.	11	.....	.....	49
Fort Smith.	30.11	30.57	15	29.26	12	7,058	34	sw.	12	85	72	55
Little Rock.	30.13	30.55	18	29.36	12	6,521	36	nw.	13	82	67	40
Memphis.	30.13	30.58	18	29.42	12	6,273	32	nw.	28	81	74	45

COMPARATIVE DATA FOR DECEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.5**		**88**		**-21**		**4.05**		**12**	**8**	**13**	**7**
1891	46.9	+4.4	72	5	13	26	4.69	+0.64	14	7	10	7
1892	40.9	−1.6	83	3	−10	26	8.79	+4.74	7	6	18	10
1893	45.4	+2.9	79	25	3	4	1.83	−2.22	14	8	9	5
1894	44.6	+2.1	82	8	−11	27	3.48	−0.57	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	−0.09	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	−3.21	8	7	16	8
1897	40.3	−2.2	81	9	10	4	6.00	+1.95	10	5	16	8
1898	39.5	−3.0	76	29	− 4	14	1.87	−2.18	16	6	9	5
1899	41.0	−1.5	74	1	8	15	4.08	+0.03	15	7	9	7
1900	44.9	+2.4	82	17	10	31	2.76	−1.29	16	6	9	5
1901	38.5	−4.0	87	24	− 6	15	4.42	+0.37	12	6	13	6
1902	40 8	−1.7	75	3	5	26	5.71	+1.66	10	6	15	8
1903	39 7	−2.8	74	22	6	26	3.44	−0.61	18	5	8	6
1904	42.9	+0.4	80	2	3	29	5.10	+1.05	12	7	12	7
1905	38.5	−4.0	69	8	7	4	4.96	+0.91	14	5	12	9
1906	46.5	+4.0	83	3	10	23	5.64	+1.59	8	7	16	8
1907	44.4	+1.9	85	28	11	11	2.70	−1.35	12	6	13	7
1908	46.0	+3.5	82	15	11	2	1.50	−2.55	13	7	11	5
1909	35.3	−7.2	82	4	1	9	5.26	+1.21	14	6	11	9
1910	40.8	−1.7	75	28	9	7	3.57	−0.48	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.95	10	7	14	12
1912	41.7	−0.8	76	19	8	9	2.63	−1.42	14	7	10	7
1913	43.6	+1.1	77	1	14	26	3.26	−0 79	7	7	17	9
1914	36.1	−6.4	70	2	−11	15	6.26	+2.21	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.68	12	4	15	7
1916	42.1	- 0.4	82	4	−16	15	3.35	−0.70	14	6	11	6
1917	34.8	−7.7	81	3	−21	9	1.29	−2.76	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.57	14	5	12	7
1919	40 4	-2.1	78	31	1	10	1.94	−2.11	13	4	14	5
1920	43.2	+0.7	74	31	6	28	5.95	+1.90	13	5	13	8
1921	47 1	+4.6	82	13	11	25	2.78	−1.27	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.54	12	5	14	9
1923	49.1	+6.6	80	8	9	31	6.24	+2.19	9	5	17	13
1924	41.4	-1.1	8	14	− 8	25	3.65	−0.40	14	5	12	6
1925	40.2	−2.3	8	8	− 6	28	1.71	−2.34	15	5	11	3
1926	43.3	+0.8	7	4	− 3	26	7.15	+3 10	11	4	16	10

Corrections November, 1926

Huttig: Mean maximum temperature should be 66.9o; mean minimum 36.9o; mean 51.9o; Departure from normal —
Mammoth Spring: Num[illegible] partly cloudy days should be 2, cloudy 13.
Tornado Table: Appelo[illegible]ould be Oppelo and Jesseville should be Jessieville.

Climatological Data for December, 1926

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	31	46.5	+3.7	74	1	17	16	38	5.23	+0.82	2.28	3.2	8	9	10	12	n.	G. C. Thrash
Arkadelphia	Clark	250	30								9.36	+4.52	3.95	1.3	14	13	2	16	n.	F. J. Carpenter
Arkansas City	Desha	145	42								11.92	+7.03	2.60	0.0	12	10	7	14		Carl R. Cutting
Arlberg	Stone	700	*4								5.67		2.25	3.5	8	7	7	17	ne.	J. D. Reeves
Batesville	Independence	277	27	38.6	−2.0	68	4†	4	26	41	7.54	+3.63	3.54	4.0	13	9	1	21	nw.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	34	40.1	−2.1	69	12	6	26	38	7.41	+3.46	2.39	6.0	11	12	0	19	n.	J. E. Scanlan.
Bentonville	Benton	1303	21	38.4	+0.9	68	12	7	15	39	2.96	+0.20	1.24	T.	9	12	6	13	.	U. S. Weather Bureau
Black Rock	Lawrence	259	24								6.22	+2.47	3.37	3.0	11	13	1	17	n.	Vernon C. Howe
Blytheville	Mississippi	252	1	42.4[b]		73[b]	4	13[b]	16	32[b]	8.97		3.70	1.0	12	11[c]	6[c]	11[c]	n.	J. M. Brooks
Booneville	Logan	465	12	43.6	+0.1	73	12	13	16	40	3.46	+0.61	1.19	0.2	8	14	3	14	e.	F. H. Randolph
Brinkley	Monroe	205	39	44.4	+1.0	72	4	14	16	30	8.70	+3.76	4.00	T.	10	11	2	18	ne.	R J. Torry
Calico Rock	Izard	361	22	38.6	−0.9	74	4	4	26	44	4.32	+1.33	1.51	3.0	11	9	5	17	nw.	W.J. Copp
Camden	Ouachita	158	41	46.4	+1.3	76	12	15	17	42	7.72	+3.05	2.27	T.	13	9	5	17	n.	A. B. Quarterman
Center Point	Howard	470	27	46.5	+1.9	72	1	16	16	41	10.09	+5.84	3.29	5.3	11	12	3	16	se.	John C. Floyd
Clarendon	Monroe	200	22								9.04	+4.03	3.46	0.6	13	9	3	19	n.	J. W. Bishop
Clinton	Van Buren	516	5								6.45		2.61	4.4	8	9	5	17	s.	A. L. Stephens
Conway	Faulkner	309	43	42.6	+0.4	71	12	14	26	36	6.91	+2.77	2.66	4.5	10	11	7	13	s.	E. E. Cordrey
Corning	Clay	293	33	41.2	+1.8	65	4	13	15	37	8.78	+4.83	2.11	4.4	7	11	5	15	nw.	Winfred D. Polk
Dam No. 1 ‡‡	White	190	3								7.29		4.12	2.9	9	11	2	18	se.	J. O. Yingling
Danville	Yell	327	10								5.22	+2.26	2.75	5.0	7	10	5	16	e.	C. P. Evans
Dardanelle	Yell	330	40	42.8	+0.6	73	13	16	16	45	8.23	+5.03	2.20	4.5	12	12	9	10	nw.	G. N. Goodier, Jr.
Dumas	Desha	162	20	46.3	−1.1	75	4	16	17	38	9.51	+4.15	2.20	0.0	15	9	8	14	n.	Ben Johnson.
Dutton	Madison	1590	23	37.4	0.0	70	4	6	15	41	3.99	+0.56	1.34	T.	10	9	8	14	e.	J. M. Ricketts.
El Dorado	Union	270	25	49.4	+3.4	78	12	18	16	35	9.33	+4.67	1.87	0.0	13	9	5	17	n.	J. J. Babb
England	Lonoke	229	19	45.6	+2.4	74	12	15	16	34	10.72	+6.14	5.25	0.2	13	12	4	15	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	26	40.6	+1.4	71	4	6	15	43	3.69	+1.27	1.17	T.	10	8	7	16	se.	Geo. W. Nicholds
Evening Shade	Sharp	600	3																	B. F. Graddy
Fayetteville	Washington	1451	39	40.0	+0.1	70	3†	8	15	31	2.87	+0.26	1.29	T.	6	13	7	11	s.	University of Arkansas
Fort Smith	Sebastian	457	45	42.1	0.0	73	12	15	15	38	3.28	+0.43	1.55	T.	10	13	3	15	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	2								5.88		1.63	5.0	9	11	3	17	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	40								8.51	+4.20	3.61	T	11	8	7	16		T. J. Logan
Georgetown	White	200	14								9.16	+4.89	5.48	1.0	10	8	5	18	n.	W. R. Owens.
Gilbert	Searcy	675	8								2.53		1.30	6.0	6	12	7	12		Ben F. Battenfield
Grannis	Polk	900	8																	W. E. Mc Vay
Gravette	Benton	1250	29	39.7	+2.1	68	4†	6	15	46	3.46	+1.27	1.04	T.	10	16	6	9	s.	A. F. Stevens
Harrison	Boone	1352	25	39.8[a]		76[a]	3	8[a]	15	40[a]	3.11	+0.61	0.82	4.0	7	11	7	13	nw.	G. L. Wright
Helena	Phillips	193	54	44.9	+0.1	71	4	16	16	32	8.64	+3.70	1.68	0.2	16	9	2	20	n.	James A. Burnett
Higden	Cleburne	445	8								7.08		2.26	3.0	8	10	3	18	w.	Geo. W. Baker
Hope	Hempstead	377	55	46.5	−0.2	78	1	15	16	44	7.88	+3.54	1.96	1.0	9	13	3	15	n.	N. P. O' Neal
Hot Springs	Garland	600	35	44.4	-1.8	72	12	17	16	32	11.04	+6.86	4.18	3.0	12	11	3	17		P. P. Patraw
Huttig	Union	175	19																	J. L. Collett
Index	Little River	275	1								8.00		2.90	2.0	13	10	2	19		H. D. Sanderson
Jonesboro	Craighead	345	31	40.8	−0.2	69	4	13	14	31	7.11	+2.49	2.38	7.0	11	12	6	13	n.	Benedictine Sisters
Junction ‡‡	Union	182	32	49.6	+3.5	76	3	18	16	34	5.64	+1.87	2.14	0.0	6	11	6	14	n.	J. A. Lowderback
Lambrook	Phillips	155	3	45.3[b]		70[b]	3†	11[b]	18	46[b]	7.68			0.0	..	9[b]	0[b]	14[b]		G. B. Lambert Co.
Little Rock	Pulaski	357	47	43.6	−0.6	72	12	20	15	37	9.46	+5.22	5.91	2.5	12	9	6	16	n.	U. S. Weather Bureau
Lurton ‡†	Newton	2100	1	36.8		65	4	7	15	40	4.50		1.76	4.0	11	13	6	12	s.	I. C. Sutton
Lutherville. ‡‡	Johnson	775	28	40.2	−1.0	69	12	13	15	36	6.87	+3.33	3.67	10.2	10	12	3	16	ne.	H. G. Lenhardt
Magnolia	Columbia	315	7	48.8[b]		77[b]	13	16[b]	15	43[b]	6.60		2.20	0.0	11	12[b]	7[b]	10[b]	s.	State Agri. School
Malvern	Hot Springs	277	39	45.2	+2.2	78	12	15	16	40	9.20	+4.50	5.50	1.0	13	13	2	16	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	39.6	+0.9	70	3†	− 3	26	47	4.05	+0.97	0.90	2.5	9	14	2	15	s.	E. C. Bellamy
Marianna	Lee	235	14	44.5	+2.5	74	4	16	16	33	8.38	+3.82	3.00	T	10	11	10	10	n.	C. N. Houck
Marked Tree	Poinsett	229	21	38.8		71	3	12	15	36	8.52	+4.04	4.00	0.5	14	9	4	18	sw.	Charles Walton
Marshall	Searcy	1070	12	40.4	−2.4	70	4	− 1	26	43	5.50	+1.87	2.02	9.0	8	10	3	18	sw.	A. J. Park
Mena ‡†	Polk	1185	38	42.1	+0.5	75	1	13	16	36	6.99	+3.12	2.88	4.0	15	13	6	12	n	E. W. St. John
Morrillton	Conway	347	5	43 5		70	12	14	26	34	6.97		3.62	4.0	7	11	4	16	ne.	John Cook
Mountain Home	Baxter	800	12	39.2	- 0.5	72	3	1	26	44	4.07	+0.50	0.87	4.5	9	8	3	20	s.	B. S. Halbert
Mount Ida	Montgomery	650	27	42.8	−0.7	72	12	10	16	45	8.07	+3.88	3.07	3.5	12	11	4	16	sw.	G A. Whittington
Murfreesboro	Pike	367	8																	
Newport	Jackson	231	42	42.4	+0.5	71	4	15	16	34	5.81	+1.95	2.54	2.0	9	10	8	13	s.	A. C. Wilkerson
Osceola	Mississippi	240	28	39.9	−2.9	73	4	14	15	30	8.68	+4.53	3.92	0.8	10	4	8	19	n.	June Thomason
Ozark ††‡	Franklin	450	30	42.5	+1.3	71	3†	14	16	38	4.14	+0.90	1.47	T.	8	11	1	19	e.	Isham Burrow
Patterson	Woodruff	196	10								10.44	+6.44	4.90	1.0	12	9	0	22	n.	W. E. Baker
Piggott	Clay	307	2								6.02		2.47	3.0	8	11	3	17	sw.	H. H. Harlan
Pindall	Searcy	1500	4								3.53		0.90	3.0	10	9	5	17	sw.	W. W. Wood
Pine Bluff	Jefferson	215	39	46.8	+2.4	76	12	17	16	36	9.03	+4.06	3.70	0.8	12	11	5	15	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	33	39.9	−0.9	70	4	1	26	44	6.03	+2.39	1.37	4 0	9	8	4	19	s.	Benedicitine Sisters
Portland	Ashley	122	20	49.9	+2.5	79	4	18	16	38	12.43	+6.93	3.20	0.0	10	9	5	17	s.	W. E. Edmiston
Prescott	Nevada	329	38	46.4	+0.7	75	12	17	16	38	6.17	+2.06	2.42	0.2	10	13	2	16	n.	C. D. Calhoun
Princeton	Dallas	287	20								8.13	+2.79	4.22	0.0	11	12	1	18		Mrs. F. P. Coleman
Rison	Cleveland	243	25	49.6	+4.1	79	12	16	16	38	7.25	+3.54	2.60	0.1	9	15	3	13	n.	Mrs. M. V. Tisdale
Rogers	Benton	1385	35	39.9	+1.3	70	4	7	15	45	3.58	+1.28	1.58	T.	8	11	5	15	sw.	Carl A. Starck
Searcy	White	236	17	42.9	+0.4	69	4	14	16	34	7.49	+2.77	3.20	2.0	11	12	0	19	s.	J. T. Bell.
Springbank ‡†	Miller	240	19								8.53	+3.68	2.95	T	10	11	1	19		Miss Grace Field
Story	Montgomery	700	2								7.61		5.46	2.5	9	11	5	15	ne.	S. C. Story
Stuttgart	Arkansas	228	39	45.4	+1.8	73	4	15	16	42	9.24	+4.53	3.62	5.0	13	13	4	14	n.	Adam F Buerkle
Subiaco	Logan	1050	29	44.2	+2 0	73	11	16	14†	45	4.31	+1.33	2.30	4.0	11	12	2	17	n.	New Subiaco Abbey
Texarkana	Miller	332	40	48.8	+2.0	78	1†	16	16	39	8.67	+5.14	3.10	T.	10	14	2	15	n.	H. S. Brashear.
Waldron	Scott	675	7								4.51		1.21	5.0	10	12	0	19	nw.	Dr. Cheves Bevill
Warren	Bradley	206	32	47.8	+3.1	73	12	17	16	31	8.30	+2.87	1.70	0.0	9	11	7	13	n.	W. L. Shide
Waters	Montgomery	800	2								8.35		5.78	3.0	9	11	3	17	sw.	J. R. Huddleston
Whitecliffs	Little River	290	22								9.55	+5.66	3.20	1.2	10	12	4	15	ne	Nannie O. Schirmer
Wilson	Mississippi	237	1	41.6		69	3	13	15	28	7.82		2.70	0.0	8	12	7	12	n.	M. W. H. Collins
Wynne	Cross	250	18	42.5	+0.7	72	4	15	16	31	10.24	+5.48	5.70	1.0	12	11	1	19	s.	E. O. Allen
Yancopin	Desha	167	2								8.98		2.12	0.0	14	8	2	21		W. E. Barton
State Means and Extremes				43.3	+0.8	79	4†	− 3	26	46	7.15	+3.10	5.91	3.1	10	11	4	16	n.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Junction, Lillie, La.; Lutherville R.F.D. No 1, Lamar Ark.; Springbank, Doddridge, Ark.; Dam No 1, Judsonia, Ark.

Daily River Stages for December, 1926

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.9	6.6	6.4	6.4	6.3	6.0	6.1	7.2	11.9	14.4	14.2	13.8	12.8	11.5	10.4	9.7	9.0	8.4	8.0	7.7	9.7	13.7	13.6	13.1	12 5	11.4	11.1	10.4	9.8	9.2	8 8
Dardanelle	do	20	5.2	5.0	4.8	4.6	4.4	4.3	4.2	4.2	4.4	9.4	12.2	12.0	11.9	10.8	9.6	8.6	7.7	7.0	6.6	6.1	9.9	11.2	12.8	12.5	11.8	10.8	10.0	10.0	9.5	8.6	8 0
Little Rock	do	23	4.9	4.9	4.2	3.8	3.5	3.2	3.0	2.9	2.9	3.4	7.5	11.9	12.5	11.8	10.6	9.4	8.1	7.0	6.2	5.5	7.2	11.8	13.7	15.1	15.0	14.5	13.5	12.4	11.9	11.4	10.4
Pine Bluff	do	25	9.3	9.1	8.8	8.3	8.3	7.8	7.4	7.3	7.1	7.1	7.8	13.5	15 5	15.9	15 3	14.2	13.0	12.0	11.1	10.4	10.3	13.6	16.5	18.0	18.7	18.5	17.7	16.9	16.1	15.6	14.9
Yancopin	do	29	24.3	24.3	24.4	24.4	24.4	24.2	24.1	24.0	23.9	23.6	23.1	23.0	24.5	25.5	25.8	25.5	25.0	24.3	23.8	23.5	23.4	24.0	25.9	28.0	29.3	30.1	30.8	31.2	31.4	31.5	31.8
Danville	Petit Jean	20	7.3	7.1	6.8	6.7	6.4	6.3	6.3	6.3	6.7	8.2	17.2	13.8	11.2	9.8	8.3	8.1	7.3	7.1	7.1	7.1	10.3	16.3	19.1	15.2	14.1	12.2	10.1	9.3	9.3	9.1	8.7

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ico Rock	White	18	5.0	4.7	4.4	4.2	3.9	3.9	3.7	3.6	3.9	5.8	7.5	7.7	7.7	7.1	6.2	5.5	5.0	4.5	4.2	3.9	4.6	8.5	8.0	8.8	9.2	8.1	7.0	6.8	7.0	6.4	5.9
esville	do	23	11.1	10.7	10.3	10.0	9.8	9.3	9.5	9.3	8.9	10.5	12.8	13.8	13.8	13.8	12.8	11.8	11.1	10.6	10.1	9.7	15.5	15.1	15.7	16.0	16.2	15.8	14.2	13.9	14 0	13.5	12.7
wport	do	26	11.6	11.0	10.5	10.0	9.4	8.7	8.0	7.8	7.5	7.6	9.5	11.5	12.9	13.4	13.3	12.0	11.0	9.9	8.9	8.0	11.0	17.2	18.6	19.4	19.9	20.2	19.8	19.1	18.9	18.8	18.4
m No. 1	Little Red	..	2.4	2.0	2.8	2.4	2.3	2.2	2.1	2.0	2.0	2.0	7.0	5.0	4.6	4.2	4.0	4.0	3.8	3.6	3.6	4.0	14.5	30.0	30.0	19.0	13.6	9.0	8.5	9.0	10.8	11.0	10.4
orgetown	White	22	18.8	18.2	17.7	16 8	16.2	15 4	14.6	13.6	12.8	12.2	12.2	13.4	14.6	15.0	15.2	15.2	15.0	14.5	13.8	13.2	14.2	17.8	19.6	20.7	21.0	21.2	21.2	21.3	21.5	21.5	21.5
rendon	do	30	24.7	24.7	24.7	24.7	24.5	24.3	24.1	23.9	23.5	23.1	22.7	22.2	21.9	21.8	21.8	21.9	22.0	22.0	22.1	22.0	22.5	23.4	23.8	24.5	25.1	25.8	26.3	26.6	27.0	27.2	27.4
bert	Buffalo	30	5.3	5.3	5.2	5 1	5.1	5.0	5.0	4.9	5.8	7.4	6.8	6.5	6.2	5.8	5.7	5.6	5.4	5.3	5.1	5.0	8.3	8.0	7.6	7.1	7.7	6.3	6.1	6.5	6.6	6.3	6.1
ruing	Black	11	10.4	10.3	10.1	9.9	9.6	9.3	9.1	8.9	8.7	8.8	9.2	9.5	9.5	9.3	9.0	8.7	8.4	8.2	8.0	7.9	8.3	9.9	11.0	11.7	11.9	11.9	11.9	11.7	11.6	11.6	11.8
ack Rock	do	14	6.5	6.1	5.6	5.6	5.4	5.1	4.8	4.5	4.4	4.2	6.0	5.6	5.4	5.0	4.8	4.5	4.4	4.4	4.0	3.7	7.6	8.8	11.0	11.5	10.8	9.8	9.0	9.8	11.4	11.5	11.3
tterson	Cache	9	5.0	5.0	5.0	5.0	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.4	7.4	7 4	7.3	7.2	7.2	7.1	7.0	7.0	7.3	7.6	8.0	8.4	8.7	8.9	9.1	9.3	9.6	9.8	10.0
kadelphia	Ouachita	18	1.4	1.5	1 1	0.7	1.0	0.8	0.8	1.0	2.2	2.8	2.8	4.0	3.6	3.8	3.0	1.3	2.5	1.0	1 0	2.5	12.2	21.8	19 8	14.6	9.8	7.5	6.4	7.6	7.4	7.0	6.4
nden	do	30	8.7	8.0	7.8	7.6	7.0	6.9	6.8	6.7	6.6	7.4	11.7	14.0	15.1	15.1	14.2	13.4	11.6	9.8	8.6	8.2	8.8	17.6	25.0	30.0	37.4	38.4	37.2	35.8	34.6	33.4	32.5
lton	Red	28	10.3	10.1	9.9	9.8	10.6	10.5	9.4	10.4	10.5	11.6	13.1	14.4	15.4	16.0	15.9	15.4	14.6	13.9	13.2	12.6	13.8	19.7	24.5	26.5	27.5	27.2	26.8	26.3	25.5	25.1	24.3
ringbank	do	37	8.0	7.9	7.8	7.7	7.4	7.4	7.4	7.5	7.6	8.2	10.2	11.4	12.2	12.8	13.4	13.8	13.3	13.0	12.0	12.0	11.5	13.0	18.5	23.7	26.5	28.1	28.0	27.8	27.5	27.3	27.2
hitecliffs	Little	28	2.9	2.8	2.7	2.6	2.4	2.4	2.2	2.5	3.4	6.6	14.1	15.4	14.9	13.4	11.4	9.7	8.2	6.8	6.2	5.1	13.4	22.9	27.7	28.9	28.2	27.1	26.6	26.1	25.5	24.1	23.0
rked Tree	St. Francis	17	5.2	4.7	4.8	4.5	4.5	4.5	5.5	4.6	5.4	5.4	5.6	5.7	5.7	5.9	6.0	5.8	5.8	5.7	5.8	5.8	6.4	6.5	6.8	7.2	7.6	8.0	8.3	9.3	10.3	10.9	11.3
lena	Mississippi	44	31.7	31.7	31.7	31.7	31.6	31.5	31.4	31.0	30.5	29.6	28.5	27.4	26.6	26.0	26.4	26.8	27.0	27.5	28.0	28.6	29.4	30.8	31.6	32.1	32.9	33.8	34.6	35.4	36.2	37.0	38.0
kansas City	do	48	34.8	35.0	35.2	35.3	35.3	35.4	35.4	35.3	35.2	34.8	34.4	33.7	33.2	32.8	32.7	32.7	32 7	32.7	32.7	32.8	33.1	33.6	34.4	35.5	36 5	37.3	38.0	38.9	39 6	40.1	40.7

Daily Precipitation for December, 1926

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita							.43	.04				.42			T.					1.34	2.28		.29		.32		.11					5.23
kadelphia	Ouachita							.37	.52	1.08		.02	.15	.12		.07					.17	3.95	.30	.59	.55	.98			.49				9.36
kansas City	Desha								1.65	1.05	.43			.05		.08						.26	.52	.82	2.22	2.22			2.60	.02			11.92
lberg	White							.21		.93			.10								2.25	1.05		.27		.35		.51					5.67
atesville	White					T.	T.	.10	.65	.01		.02	.04		T.					T.	.46	3.54	.06	.03	1.06	.06	.65		.86	T.			7.54
ee Branch	Arkansas					T.	.20	.14	.81			.19									2.39	1.55		.76	.14	.60		.38	.25				7.41
entonville	Arkansas					.52	.74	.28	.08						T.					.04	.80	.16		.20	T.	T.		.14					2.96
lack Rock	White						T.		.60	.02		.03	.10								.21	3 37	.06		.65	.10	.28		.80	T.			6.22
ytheville	Mississippi							.10	.15	.07	.10		.20	T.							.95	3.70	.14		1.90	.12	.64			.90			8.97
oneville	Arkansas					T.	.28		.99			.05		T.	T.					T.	1.19	.32		.15		.03		.45					3.46
rinkley	White					T.		.27	1.00			.21	.09		T.							4.00	.39	.32	1.20	.32	T.		.90				8.70
alico Rock	White						.04	.05	.96	.02			.04								.23	1.51	.07		.28	T.	.30		.82	T.			4 32
amden	Ouachita						.03	.60	1.08			.09			.32						.07	2.27	.38	.91	.68	.71	.06		.52				7.72
enter Point	Red						.53	.44	.74			.35		T.	T.					.05	2.66	3.29		.97		.53		.35	.18				10.09
larendon	White							.30	.97	T.		.30	.07		.03						.15	3.46	1.22	.19	1 26	.45	.12		.52	T.			9.04
linton	White						.21	.78				.12									2.61	1.08		.85		.44		.36					6.45
onway	Arkansas						.27		.26			.09								.02	1.93	2.66		.32		.87		.18	.31				6.91
orning	White								1.11			.47									1.77	1.52		1.17		.63			2.11				8.78
am No. 1	White						.30	.60				.24								.23	4.12	.21	T.	.40	T.	.41		.78					7.29
anville	Arkansas						.39	.26	.72						T.						T.	2.75				.30	.45		.35				5.22
ardanelle	Arkansas						.03	.27	.38	.38				.10								.84	2.20	.05		.34	1.70	2.09		.35			8.23
ulmas	Mississippi					.25		.51	1.10	.28	.03		.05		.05	.19					.20	1.60		1.10	2.20	.60		.25	1.10				9.51
utton	White						.15	.88		.63			.06	T.	T.					.02	1.34	.50		.10		T.		.27	.04				3.19
l Dorado	Ouachita				T.	T.	T.	.32	.32	1.87	T.		.03			.25					.08	1.65	.40	1.00	1.30	1.15	.02		.94				9 33
ngland	Arkansas							.26	.45	.76	.01		.17		T.	.03					1.21	5.25		.62	1.03	.26		.08	.59				10.72
ureka Springs	White						.31	1.01	.06	.55											.05	1.17	.32				.03		.14	.05				3.69
vening Shade	White												T.		T.																		
ayetteville	White					T.	.32	.84	.02	T.			T.		T.						1.29	.24		T.	T.	T.		.16					2.87
ort Smith	Arkansas					T.	.43	.57	.16	.12										.08	1 40	.33		.03	T.	T.		.15	.01				3.28
reeman Sprgs	Arkansas						T.	.45		.93			.11		T.						1.20	1.63	.08		.25		.62		.61	T.			5.88
ulton	Red							.71	.66	.87			.20		T.						.25	3.61	T	.61	.40	.28	.36		.56				8.51
eorgetown	White						T.		.08	.83						T.					T	5.48	.12	.14	1.11	.05	.43		.80				9.16
ilbert	White						.24							T.								1.30	.05		.23		.36	.35	T.				2.53
rannis	Red																				.68	.22		.08				.70	.01				3.46
ravette	Arkansas						.30	1.04	.02	.40			.01								.82	.68		.19		.40			.41				3.11
arrison	White							.59													.02	1.50	1.20	.36	1.68	.80	.36		1.06	.14			8.64
elena	Mississippi				.06				.42	.56	.06		.16	.16		.10					2.26	1.92		.64		.46			.44				7.08
igden	White						.28		.19				.89		T.						1.60	1.96		1.30	.40	.24			.53				7.88
ope	Red							.35	.80	.70					T.						3.00	4.18		.64	.05	.80		.28	.36				11.04
ot Springs	Ouachita				T.			.41	.64	.46			.20		T.	T.																	
uttig	Ouachita															T.					.18	2.90	.18	.18	.65	.36	.20	.11	.55				8.00
ndex	Red							.48	.78	1.80			.13								2 38	1.86		.42	.17	.70		.08	.67				7.11
onesboro	White							.61		.71			.10	.01								2.14			.60		.70						5.64
unction	Ouachita							.84	.68						.68						1.03	1.05	‡	‡	‡	‡	‡	‡	‡	‡	4.25	7.68
ambrook	White							.55	.65				.15								2.98	3.00		.64	.01	1.11	..	.37	.33				9.46
Little Rock	Arkansas							.17	.54	.19		T.	.11		T.					.01	1.76	.41		.25		.40		.40	.04				4.50
urton	White				T.		.11		.42	.49			.12		T.					.10	3.67	.40		.20		.40		.62					6.87
utherville	Arkansas					T.	T	.41		.92			.15		.02					.08		2.20		.75	.80	.37		.17	.32				6.60
agnolia	Red							.57	.90	.40	.06	.06									.10	5.50	10	.12	.63		.12	.76					9.20
alvern	Ouachita							.25	.35	.75			.08	.20		.24					.90	.60		.80		.20		.70					4.05
ammoth Spg	White						.10	.10		.60			.05								.82	3.00		.86	.88	T.		.78	.75				8.38
arianna	Mississippi							.20	.70	.22				.17	T.	T					.16	4.00	.16	.08	.98	.02	.40	T.	.76	.03			8.52
arked Tree	Mississippi								.11	60	1.01		.08	.13		T.				T.	1.10	1.20		.04		.50		.36	T.				5.50
arshall	White					T.	.25		2.02			.03										.93	2.88	.02	.02	.40	.31	.02		.30				6.99
ena	Ouachita						.01	.44	.39	1.14			.08	.03		.02						3.62			.80		40			.40				6.97
orrillton	Arkansas								.60	.55			.60								.05	.80	.47		.10		.45			.87				4.07
ountain Home	White						.11	.52		.70												3.07	2.20	.51			45		.21	.07				8.07
ount Ida	Ouachita							.27	.39	.66	.10		.11		.03							.17	2.54	.14		.60		.55		.92				5.81
ewport	White								.17	.63				.09								.60	3.92	.18	.06	1.42	.48			1.11				8.68
sceola	Mississippi									.45	.35		.11									1.47	.27		.13		T.		.57				4.14
zark	Arkansas					T.	.16	.48		.81					T.					.25		.11	4.90	.12	.09	1 09	.12	.15		1.75				10.44
atterson	White								.23	1.10			.23	.55						.50	2 47	.10		.51		.60		.84	T.				6.02
iggott	Mississippi									.88			.12							.02	.90	.60		.12		.17	.22		.21				3.53
indall	White						.25	.27		.77											.10	3.70	1.00	.25	1.20	.60	.20		.51	T			9.03
ine Bluff	Arkansas								.45	.80	T.		.20	.02		T.					1.15	1.37		.68		.56		.10	.80				6.03
ocahontas	White									.82			.10	.45									.90	1.27	1.76	3.20		2.31					12.43
ortland	Ouachita								.22	2.10	.44		.05			.18																	6.17
rescott	Ouachita					T.		18	.56	.81		.27									.13	2.42		.32	.84	.02		.62					8.13
rinceton	Ouachita						.08	.15	.25	.43	15									.52	4.22	.15			1.40		.78						7.25
ison	Ouachita							.50	.55				.45			.30					.10	2.60		.85	1.00	.90							3.58
ogers	Arkansas					T.	.08	1 28		.46				T.						.02	1.23	.35		T.	T.			.12	.04				7.49
earcy	White							.36	.35	.37			.15								1.24	3.20		.30	.22	.20		.10	1.00				8.53
pringbank	Red							.75	1.00	.60	.03		T.	T.		.30					T.	2.95	T.	.50	.85	.85	T.		.70				7.61
tory	Ouachita							.36	.23				.62		.04						.42	5.46		.09		.20		.19					9.24
tuttgart	Arkansas							.42	.86			.16	.05		.50					.15	3.62	.76	.25	1.19	.58	.18		.52					4.31
ubiaco	Arkansas							.34		.15		.06		.04				.18		2.30	.10				.10	.40		.50	.14				8.67
exarkana	Red							.58	.68	1.75			.15								.30	3.10		.35	.50	.60			.66				4.51
aldron	Arkansas							.45		1.13			.05		.29					.04	1.21	.85		.06	T.	.30		.22					8.30
arren	Ouachita					T.		.70	1.35	T.		T.			.15					.30	.60	1.00		1.70	1.25			1.25					8.35
aters	Ouahita							.38	.39	.68				.05							3.76	2.02		.28		.41		.38					9.55
hitecliffs	Red							.50	1.06	.84			.35								.46	3.20		.15	.63	1.00			1.36				7.82
ilson	Mississippi								.50	.50		.30								.12	2.70	.90		1.40				1.40					10.24
ynne	Mississippi				T.				.17	.91	T.		.08	.51		T.					.02	5.70	.32	.15	.69	.30	.34		1.05				8.98
aneopin	Arkansas						T.	.18	.21	.73	.14		.05	.08		.18					T.	.41	1.40	.67	2.12	1.27	.10		1.44				

Precipitation is for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
‡ Precipitation included in the next following measurement.

Daily Temperatures for December, 1926

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	74	64	69	69	64	58	63	60	58	50	50	70	65	60	58	45	56	54	51	60	60	54	54	52	47	43	42	46	51	60	61	56.9
	Minimum	37	34	42	51	52	40	40	48	43	38	35	48	33	22	22	17	26	24	32	47	52	39	44	36	30	26	29	36	27	33	32	36.0
Batesville§§	Maximum	59	52	66	68	54	44	57	52	44	46	60	68	49	27	30	41	53	46	54	54	47	42	49	41	31	43	38	42	43	57	45	48.5
	Minimum	31	27	27	42	43	34	35	41	38	38	28	39	43	17	16	12	12	19	19	36	43	38	37	37	25	4	14	25	26	22	25	28.8
Bentonville	Maximum	55	63	67	67	46	40	51	43	37	43	53	68	53	20	24	40	50	53	49	52	43	54	54	35	36	45	37	36	45	57	40	47.0
	Minimum	39	36	48	46	34	33	39	36	34	29	30	47	14	10	7	12	24	28	37	43	36	35	35	22	21	19	28	25	22	31	28	29.9
Bee Branch	Maximum	60	55	65	64	64	45	53	53	47	45	46	69	66	31	31	38	50	48	49	53	55	47	47	49	34	44	35	41	46	55	55	49.8
	Minimum	38	29	37	43	43	33	31	40	37	37	31	44	30	17	15	14	21	25	29	42	43	38	35	32	23	6	16	32	24	25	32	30.4
Blytheville	Maximum	54	54	70	73	61	43	60	57	45	43	51	66	61	34	30	42	53	46	56	55	55	46	56	55	33	38	39	..	..	56	45	50.9
	Minimum	36	23	38	51	42	33	38	50	37	39	32	48	53	18	17	13	23	23	26	46	45	39	36	33	30	19	28	..	..	26	36	33.9
Booneville	Maximum	67	61	68	69	67	48	68	59	50	46	51	73	66	28	32	46	55	54	54	60	56	52	50	50	41	44	40	43	49	64	54	53.7
	Minimum	36	34	42	49	46	37	38	46	41	31	33	47	28	19	15	13	23	24	37	50	43	35	40	35	27	21	30	33	24	24	34	33.4
Brinkley	Maximum	65	58	70	72	66	52	61	61	51	45	49	71	68	39	32	44	54	54	60	58	65	50	55	56	37	43	43	43	44	58	52	54.1
	Minimum	35	28	40	49	51	34	42	50	40	40	34	47	38	20	28	14	22	23	31	43	48	42	38	36	28	21	26	36	27	26	42	34.8
Calico Rock§§	Maximum	57	57	70	74	50	44	56	48	44	50	56	71	38	26	31	42	51	50	57	56	46	43	48	37	30	46	35	41	44	67	43	48.6
	Minimum	31	30	30	39	45	36	36	42	38	38	30	30	38	17	15	13	13	20	20	38	43	39	39	36	27	4	5	20	24	23	24	28.5
Camden§§	Maximum	73	64	72	73	64	57	65	55	50	49	62	76	59	32	38	45	57	58	63	69	65	59	58	52	41	48	48	46	50	61	59	57.0
	Minimum	32	33	35	38	55	45	45	53	49	42	36	36	58	24	23	16	15	23	23	41	55	39	39	48	32	25	34	37	27	26	28	35.9
Center Point	Maximum	72	63	70	70	65	53	65	59	51	49	49	70	69	36	35	57	63	54	51	60	64	56	55	52	39	43	41	47	49	58	57	55.5
	Minimum	47	35	48	55	52	42	41	49	45	36	35	48	35	22	20	16	30	34	42	47	48	38	46	37	30	26	35	37	25	31	32	37.5
Conway	Maximum	66	55	67	69	64	48	60	56	49	47	48	71	65	34	31	40	49	51	55	58	58	50	49	49	37	39	39	43	45	60	54	51.8
	Minimum	36	30	39	47	46	36	40	44	40	40	34	47	34	19	18	16	25	22	31	48	47	42	36	37	28	14	22	34	27	24	35	33.5
Corning	Maximum	64	57	64	65	53	44	64	64	53	64	58	56	49	37	29	51	49	51	54	56	56	57	51	54	51	39	44	45	37	49	44	51.9
	Minimum	41	27	40	47	32	26	27	40	36	31	29	41	30	14	13	21	20	21	29	45	42	42	36	31	22	14	25	32	27	29	31	30.4
Dardanelle	Maximum	63	66	58	72	71	66	47	56	54	48	47	48	73	65	33	31	44	50	47	50	56	56	49	48	48	37	39	36	43	48	55	51.7
	Minimum	38	33	37	47	42	38	40	41	40	38	36	39	39	20	20	16	28	26	36	41	45	41	39	37	28	18	28	34	25	26	35	33.9
Dumas	Maximum	68	58	73	75	64	56	63	64	55	48	51	73	67	41	33	45	54	58	63	62	68	60	56	59	40	44	44	43	46	60	56	56.4
	Minimum	36	31	43	50	56	41	46	51	42	43	35	39	40	23	23	17	16	23	32	50	58	39	44	38	30	24	30	32	28	28	33	36.2
Dutton	Maximum	65	57	65	70	64	40	53	54	40	43	47	65	60	21	28	39	52	49	43	54	51	48	48	48	35	42	35	36	43	56	42	48.2
	Minimum	32	32	39	41	34	32	35	37	34	24	26	41	19	11	6	16	16	18	27	40	30	32	38	25	19	12	23	29	15	20	22	26.6
El Dorado	Maximum	72	68	73	73	69	59	68	68	58	49	53	[illegible]	70	45	37	49	57	57	65	69	70	57	64	64	40	49	48	48	51	61	62	59.7
	Minimum	37	36	41	54	58	46	48	52	47	44	40	51	45	25	25	18	29	27	42	54	51	40	47	38	32	28	33	28	28	30	37	39.1
England	Maximum	67	58	71	72	64	54	63	61	51	48	49	74	65	42	42	42	52	56	60	58	64	53	55	55	37	47	44	42	46	61	53	55.0
	Minimum	38	28	40	52	54	40	43	50	35	38	35	47	46	21	23	15	23	25	40	52	49	42	38	37	29	24	28	36	29	27	34	36.1
Eureka Springs	Maximum	59	66	70	71	62	36	55	47	37	43	55	68	62	23	29	43	54	56	51	55	46	57	54	52	37	50	43	37	45	59	48	50.6
	Minimum	41	31	48	53	35	32	35	35	34	29	32	46	19	9	6	12	27	25	37	45	36	33	39	24	19	19	25	29	22	37	32	30.5
Fayetteville	Maximum	60	62	70	70	63	50	54	49	40	41	52	67	46	21	25	38	49	53	47	56	51	55	53	51	36	43	38	37	46	57	51	49.4
	Minimum	39	36	49	50	35	34	33	36	35	28	32	45	19	12	8	14	25	22	36	47	38	34	41	24	21	19	26	31	22	32	30	30.7
Fort Smith	Maximum	65	53	70	71	54	44	56	51	44	45	51	73	59	25	30	42	51	52	49	56	54	52	48	44	42	45	36	42	48	59	51	50.4
	Minimum	40	35	44	54	42	36	37	41	39	33	35	44	21	19	15	17	25	29	38	49	42	37	41	30	27	25	30	30	26	29	35	33.8
Gravette	Maximum	57	62	67	68	63	42	49	45	40	43	52	68	63	21	20	42	50	54	48	57	47	56	52	50	35	46	39	37	44	55	48	49.0
	Minimum	41	38	48	51	35	33	40	34	34	27	29	43	17	9	6	10	23	29	39	47	37	35	41	22	21	17	27	30	19	31	29	30.4
Harrison	Maximum	57	64	76	69	62	38	62	55	40	..	54	69	59	25	24	47	53	48	53	56	50	47	52	50	31	46	41	36	43	63	52	50.7
	Minimum	42	30	46	43	35	31	33	36	34	..	28	42	19	11	8	9	22	20	32	44	39	35	37	26	20	13	22	31	21	23	33	28.8
Helena	Maximum	64	54	68	71	67	55	61	61	51	48	50	66	65	39	31	39	49	51	56	59	66	54	55	57	39	39	44	43	43	55	54	53.4
	Minimum	38	33	36	52	53	38	45	50	42	42	37	48	37	23	24	16	22	24	28	50	53	43	40	38	30	23	30	38	31	26	38	36.4
Hope	Maximum	78	63	72	71	66	55	65	62	53	49	52	76	50	36	36	45	55	57	57	61	69	50	56	53	41	51	56	53	50	63	67	57.0
	Minimum	34	35	44	51	53	43	45	49	45	41	35	35	35	23	23	15	25	23	33	47	49	40	44	36	35	26	30	38	25	26	33	36.0
Hot Springs	Maximum	69	59	58	67	64	51	64	57	50	47	49	72	61	34	35	44	56	55	52	59	62	56	53	52	38	46	40	43	49	60	56	53.5
	Minimum	40	33	43	48	41	40	39	47	41	39	35	49	34	21	21	17	26	27	34	45	49	40	41	38	29	21	28	35	26	28	40	35.3
Jonesboro	Maximum	55	51	67	69	63	43	57	56	46	44	48	67	64	34	27	40	50	43	53	55	55	46	54	55	34	35	39	39	38	54	49	49.4
	Minimum	36	27	37	50	43	32	37	45	36	38	33	40	33	13	17	14	26	25	26	45	43	38	36	33	25	15	25	33	26	25	36	32.1
Lambrook §§	Maximum	64	59	70	65	45	52	63	55	45	50	59	70	62	29	27	54	53	54	60	68	62	68	..	..	..	..	..	..	..	..	59	56.2
	Minimum	32	28	35	48	31	35	39	49	48	42	44	32	58	22	24	22	13	11	21	22	53	49	..	..	..	..	..	..	..	..	38	34.4
Little Rock	Maximum	65	54	68	67	59	44	61	54	46	47	52	72	62	27	31	42	52	51	57	60	58	49	54	49	35	43	40	42	46	57	51	51.5
	Minimum	39	32	44	53	43	36	44	46	40	39	37	52	25	20	20	20	31	30	36	55	43	40	39	35	28	23	28	34	28	29	37	35.7
Lurton	Maximum	58	52	62	65	58	35	50	49	42	41	44	63	56	17	25	37	50	48	42	53	48	40	47	48	29	41	35	35	39	53	44	45.4
	Minimum	39	27	45	50	32	30	33	34	32	28	30	39	16	10	7	14	24	29	33	39	35	33	36	23	19	21	22	26	20	23	29	28.3
Lutherville	Maximum	65	56	68	67	63	42	55	53	45	44	48	69	64	29	27	40	47	47	45	54	54	45	47	39	35	30	34	39	43	55	47	48.3
	Minimum	42	31	40	52	41	34	37	42	38	32	31	44	28	17	13	14	23	27	35	40	42	39	37	33	25	17	24	32	24	28	30	32.0
Magnolia	Maximum	72	67	73	74	69	57	66	63	60	50	54	69	77	69	44	..	57	57	62	..	69	58	60	62	49	47	48	50	49	61	59	60.4
	Minimum	34	36	47	55	55	45	47	47	42	41	38	40	38	26	16	..	27	27	41	..	54	40	40	38	31	28	33	32	26	28	31	37.3
Malvern	Maximum	70	61	76	71	66	55	62	60	52	49	50	78	68	36	36	43	56	54	56	60	65	58	53	53	38	40	42	44	50	58	58	55.4
	Minimum	33	32	36	48	51	40	41	48	42	40	33	49	35	21	23	15	24	23	28	50	54	40	41	36	30	26	28	36	24	25	29	34.9
Mammoth Spg	Maximum	57	51	70	70	66	42	54	54	46	45	54	67	68	37	28	42	52	46	51	55	54	47	50	50	33	44	56	41	38	59	51	50.9
	Minimum	36	27	32	45	40	32	34	43	35	37	26	42	34	14	12	11	18	20	23	43	40	36	37	30	16	-3	12	32	23	20	28	28.2
Marianna	Maximum	61	57	70	74	65	65	63	60	51	46	50	70	70	39	30	43	51	53	59	59	68	52	56	56	42	41	42	43	42	58	51	54.4
	Minimum	40	31	41	53	37	36	43	50	41	42	35	38	37	21	23	16	23	26	34	33	50	43	40	40	24	23	23	37	30	27	36	34.6
Marked Tree§§	Maximum	47	65	71	61	48	63	52	40	40	60	65	60	20	28	34	42	48	52	53	49	48	55	48	44	30	37	37	30	39	40	38	46.6
	Minimum	28	29	41	52	34	34	39	38	38	30	31	59	19	19	12	14	24	25	34	47	39	34	40	29	19	20	29	21	22	28	33	31.0
Marshall	Maximum	59	56	69	70	63	56	56	43	50	49	67	65	25	25	44	49	51	52	54	54	45	49	49	30	30	42	40	37	41	58	56	49.7
	Minimum	41	31	45	50	39	51	40	36	36	30	44	25	15	12	12	22	21	35	45	41	36	39	29	24	22	-1	23	32	21	26	32	30.8
Mena	Maximum	75	62	67	72	60	46	58	50	49	46	49	68	61	26	30	41	53	54	54	56	55	56	50	36	40	40	38	41	47	58	52	51.3
	Minimum	39	35	46	54	46	38	42	44	41	30	33	45	26	18	15	13	25	25	25	25	45	34	36	31	26	26	28	36	28	30	34	32.9
Morrillton	Maximum	64	60	66	67	65	48	58	56	50	49	49	70	69	36	31	41	49	51	54	58	58	49	49	48	40	39	41	43	46	61	55	52.8
	Minimum	40	31	37	48	47	41	40	46	40	39	35	47	35	21	19	19	26	26	33	46	47	42	37	36	26	14	23	33	37	28	38	34.7
Mountain Home	Maximum	53	57	72	71	61	40	54	53	42	46	54	69	59	36	29	46	52	50	53	55	51	44	46	46	32	45	35	38	43	63	50	49.8
	Minimum	39	27	37	48	37	33	34	40	35	35	28	44	20	13	10	11	18	23	27	43	39	35	36	29	20	1	14	31	20	22	33	28.5
Mount Ida	Maximum	69	64	69	70	65	54	63	57	50	49	49	72	67	30	37	45	60	57	50	58	63	59	52	50	42	45	39	40	50	64	56	54.7
	Minimum	29	29	36	47	47	40	38	43	42	31	30	48	30	20	18	10	20	17	17	45	48	40	38	35	28	12	21	34	22	19	25	30.9
Newport	Maximum	60	52	69	71	67	49	56	57	51	46	48	70	64	32	30	40	54	50	53	57	57	50	53	54	38	39	43	41	42	60	51	51.7
	Minimum	38	28	38	47	45	33	38	49	38	39	30	45	30	18	17	15	28	25	26	49	45	37	33	34	26	25	32	32	26	27	31	33.0
Osceola	Maximum	40	56	71	73	62	59	57	51	59	44	60	61	36	32	30	35	38	40	45	56	56	53	42	56	51	37	41	42	44	41	46	31.0
	Minimum	30	33	42	49	51	35	33	34	36	38	30	36	19	16	14	18	20	24	28	30	48	38	36	41	29	20	28	31	30	25	30	31.0
Ozark	Maximum	66	60	71	71	65	47	61	60	55	44	50	60	71	28	31	41	52	51	47	55	55	55	50	49	42	43	45	44	48	58	57	52.6
	Minimum	54	34	40	48	46	36	38	40	41	30	31	30	33	23	15	14	20	24	39	36	38	40	41	31	25	24	23	34	23	25	27	32.4
Pine Bluff	Maximum	73	63	75	73	64	54	65	61	51	49	52	76	66	36	36	48	59	58	64	60	67	57	55	55	37	50	44	43	49	62	60	56.8
	Minimum	37	33	40	52	54	41	44	50	42	42	36	50	36	22	24	17	25	25	31	52	56	39	43	36	30	23	30	37	27	29	36	36.7
Pocahontas	Maximum	57	50	68	70	65	42	54	55	48	44	50	68	64	34	31	40	54	46	51	54	53	45	48	48	34	45	37	41	38	59	50	49.8
	Minimum	41	27	84	40	42	33	36	45	35	38	27	42	34	16	14	12	24	24	24	43	41	36	37	34	23	1	17	32	22	63	33	30.0
Portland	Maximum	71	68	75	79	70	61	67	66	58	50	56	73	70	54	35	45	57	59	67	70	71	62	57	63	43	47	58	45	49	62	61	60.3
	Minimum	33	33	41	53	55	44	47	55	47	44	39	51	54	25	20	18	27	24	34	51	61	45	48	42	34	27	33	41	32	27	38	39.5
Prescott	Maximum	72	63	74	71	64	60	68	68	53	50	69	78	71	33	37	42	55	58	61	68	62	61	59	44	46	50	43	48	50	56	59	57.7
	Minimum	35	34	39	44	40	39	48	50	45	35	34	41	33	23	24	17	25	26	39	43	48	39	39	30	28	33	35	38	28	29	30	35.2
Rison	Maximum	71	69	74	75	70	61	64	66	58	51	56	79	77	49	40	44	57	60	63	66	69	66	56	59	42	48	49	58	57	63	64	60.7
	Minimum	39	31	46	57	55	42	45	50	43	43	36	49	44	23	26	16	27	27	36	54	59	39	44	36	30	25	30	38	37	28	36	38.4
Rogers	Maximum	59	64	69	70	63	40	54	46	38	43	55	69	64	22	26	41	49	56	51	55	48	56	53	52	35	47	41	37	46	58	51	50.3
	Minimum	41	34	46	44	35	33	40	36	35	29	27	44	19	11	7	10	13	20	38	48	37	34	40	24	20	15	25	30	19	28	32	29.5
Searcy	Maximum	63	53	67	69	65	50	59	58	51	46	48	69	62	37	30	40	51	50	54	57	58	48	52	55	50	52	44	42	45	57	51	52.5
	Minimum	35	35	45	42	48	35	40	47	38	39	34	40	35	18	18	14	23	25	26	47	43	39	41	45	28	18	20	35	26	23	30	33.3
Stuttgart	Maximum	61	59	71	73	65	55	62	55	53	47	61	72	63	50	38	42	51	54	61	64	62	55	54	48	47	42	43	42	45	57	53	55.1
	Minimum	30	43	44	54	38	37	48	42	40	36	35	56	21	20	15	27	25	35	45	53	41	41	42	28	23	28	37	28	29	37	33	35.8
Subiaco	Maximum	67	68	72	72	67	63	63	55	51	51	73	67	64	59	55	54	50	55	55	52	47	40	48	46	40	52	42	43	41	61	56	55.9
	Minimum	38	34	32	49	45	35	37	45	42	32	47	24	19	16	16	26	35	36	43	40	34	27	30	28	27	31	22	33	25	27	35	32.6
Texarkana	Maximum	78	69	75	74	64	65	72	62	55	50	53	78	65	42	42	50	63	60	55	63	67	62	55	55	45	53	42	55	52	61	64	59.5
	Minimum	36	38	45	52	53	45	46	50	47	39	37	50	42	23	23	16	24	26	40	50	50	45	45	42	30	24	34	39	23	39	32	38.2
Warren	Maximum	68	64	70	70	67	58	65	65	55	49	51	75	70	47	34	43	53	57	63	63	69	60	57	56	38	47	43	47	46	58	59	57.0
	Minimum	37	34	43	55	56	44	45	51	44	46	38	49	46	23	23	17	28	28	37	53	58	41	45	37	33	25	31	38	28	31	37	38.7
Wilson	Maximum	53	52	69	76	65	51	60	61	52	44	48	65	63	41	30	40	45	48	48	55	53	50	55	55	41	37	41	40	40	50	45	50.8
	Minimum	36	26	41	54	49	33	39	47	33	39	32	45	38	19	13	14	25	24	28	41	45	40	35	37	25	19	20	33	23	26	30	32.5
Wynne	Maximum	61	54	68	72	63	47	60	59	50	49	50	65	64	33	31	42	51	50	53	58	50	49	56	48	37	39	40	41	42	51	49	51.1
	Minimum	37	29	42	53	45	35	40	50	40	39	32	47	33	20	21	15	25	26	30	39	47	40	37	37	28	18	26	36	26	26	32	33.9

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXI LITTLE ROCK, ARK., YEAR, 1926 No. 13

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during the year 1926 were the low temperatures of January, a warm February, extremes of heat and cold in May, dry spring and early summer, wet fall, destructive tornadoes in November, and a wet December.

The mean temperature for the year was 61.3° which is 0.1° above normal, February, May, August, September, October, and December being above normal, the other six months below. The highest annual mean was 65.0° at Portland, the lowest, 54.7° at Dutton, a difference of 11.2° between the highlands of the northwestern counties and the lowlands of the southeastern. Extremes ranged from 17° below zero at Harrison on January 23d to 110° at Calico Rock on August 6th. Temperatures, zero or lower, were recorded in January and December, 100° or above in May, June, July, August, and September. The 17° below zero at Harrison on January 23d is the lowest temperature recorded in the State since January, 1918, when 23° below zero was recorded at Mammoth Spring.

The average precipitation for the State was 49.24 inches which is 1.63 inches above normal. The eastern counties and a small area from Washington to Logan counties showed negative departures, positive prevailing elsewhere. While the average for the year was near normal local monthly and annual amounts show a wide range. The greatest monthly total was 14.55 inches at Lurton during September and the least 0.27 inch occurred in the same month at Arkansas City. The greatest annual total was 62.86 inches at Texarkana, the least 38.29 inches at Subiaco. Departures from normal were positive in January, March, August, September, October, and December, negative during the other months. The precipitation from April 1st to October 31st, which was approximately the growing season, was 26.48 inches which is 1.35 inches below normal. The temperature for the same period averaged 0.6° above normal. Although there was a deficiency of precipitation during the crop season and early corn was seriously damaged, this deficiency enabled farmers to cultivate their crops with much less work than is necessary during a rainy period. The heavy rains in the fall months were a serious handicap, cotton picking and rice threshing being delayed and in northeastern counties considerable cotton remained in the fields at the close of the year.

The growing season was about two weeks shorter than the average. The last killing frost in spring occurred at an average date of about April 7th and the first in autumn about October 25th. The length of the growing season, from the last killing frost in spring to the first in autumn, for 83 stations, was 201 days and ranged from 163 days at Gravette to 239 days at El Dorado. W.C.H.

January:--The temperature averaged 0.6° below normal and the precipitation 0.59 inch above, all extremes being well within the limits established by previous records. There were two cold periods during the month, from the 7th to the 14th and from the 21st to the 26th. During the remainder of the month temperatures were generally somewhat above normal. Snow fall averaged 3.7 inches at 57 stations and in some localities remained on the ground five or six days. The melting snow and locally heavy rains caused the smaller streams of the State to reach moderately high stages. The weather for the month as a whole was favorable for outdoor work and for the growth of winter grains.

February:--The weather was warm during February, the daily mean temperature being below normal on only six days during the month and 88° at Huttig on the 7th is near the record high temperature for the month. Precipitation was light, averaging only 60% of the normal amount with only four rainy days. The mild weather was very favorable for all farm work, oats being sown and land prepared for corn, cotton, and rice. Potatoes, truck, and gardens were planted in southern and central sections and winter grains made excellent progress. Peaches, plums, and pears were blooming in southern counties at the close of the month and fruit buds swelling in northern counties.

March:--March was a damp disagreeable month, the temperature for the State being the same as during February and while precipitation was not excessively heavy, light to moderate showers were of frequent occurrence, the ground being too wet for plowing much of the time. Some farm work was done between showers, but unfavorable weather delayed all work and retarded the growth of vegetation. The peach crop was damaged in central and northern sections by frost and freezing temperatures, but in the Highland Orchard damage was slight. Apples and berries were not materially injured.

April:--The mean temperature for April was, with but three exceptions, the lowest on record and the lowest temperature recorded, 18° at Gravette on the 1st, is the lowest on record. The cold weather of the preceeding month, together with the low temperatures this month, delayed growth and the progress of farm work. Considerable corn and cotton were planted but the cool weather did not favor germination and growth, poor stands resulting, and considerable replanting was necessary. Rice was being sown at the close of the month and the strawberry crop was being marketed. The dry weather of 1925 had materially reduced the strawberry acreage but a crop of excellent quality was ripening.

May:--May was abnormal with regards both temperature and precipitation. The month opened warm, but during the second decade a cool wave overspread the State giving killing frost and freezing temperature at two northwestern stations and light frost in most northern and central counties, 29° at Dutton on the 15th being the lowest temperature on record for so late in the spring. The latter part of the month was unseasonably warm, day temperatures exceeding 100° occurring at several stations. The rainfall was only 48% of the normal with five rainy days. The early planting of cotton did not come up to a stand because of the cold weather and after the 15th there was insufficient soil moisture to insure a stand, much land intended for cotton being planted to corn. The dry weather damaged the strawberry crop in White County. The streams of the State were at low stages throughout the month.

June:--The weather in Arkansas averaged 0.5° below normal with regards temperature and 1.42 inches below with regards precipitation, most of the rain falling as light showers scattered throughout the month. The dry weather was favorable for cotton, the crop being clean and well cultivated in all sections of the State and squares and blooms were appearing at the close of the month except in northern counties. It was too dry for corn in northeastern counties, but elsewhere the crop made very good progress. All streams of the State were at low stages throughout the month.

July:--Although the extremes of temperature and precipitation showed a wide range during the month, the means were practically normal. The geographical distribution of the rainfall was irregular, marked differences occurring within a few miles. The weather was favorable for cotton, but too dry for corn, especially in north central sections where early corn was practically ruined. Other crops made satisfactory progress, an abundant melon and cantaloupe crop being marketed.

August:--The month was marked by an average temperature 1.0° obove normal and precipitation 1.81 inches above normal, this being the wettest August since 1915. Rain fell at several stations on from ten to fourteen consecutive days, amounts being heaviest in northern counties, the Black and White rivers reaching moderately high stages. At the close of the month cotton picking had begun in all except the extreme northern counties. Late corn, rice, and all minor crops made excellent progress during the month except there was too much rain for grape harvest in some localities.

September:--September was marked by mean temperature 2.6° above normal and precipitation 0.56 inch above. Daily mean temperatures were generally above normal until about the 25th when a cool wave overspread the State giving the lowest temperature of the month on the 26th with light frost reported at Lurton. Cotton was damaged somewhat by the rather heavy rains and weevil and worm activity increased, however infestation was not great and the damage negligible. Cotton picking was somewhat delayed and rice harvest was halted by the rainy weather the last week of the month, otherwise conditions were generally favorable.

October;--The month opened unseasonably warm and temperatures were generally near or somewhat above normal until the 20th when a cool wave overspread the State giving the lowest temperatures of the month on the 25th, killing frost and freezing temperatures occurring in northern counties, heavy frost in central, and light frost to the southern border. Normally October is a dry month, but the total precipitation, 5.77 inches is next to the heaviest of any month of the year. Cotton picking continued between showers, approximately half of the rice crop was harvested, and a fourth cutting of alfalfa was saved. The heavy rains the closing days of September brought flood stages on the upper White River the first of this month and further rains the close of October caused flood stages to again be reached at Calico Rock and Batesville on the 31st. High stages were also recorded on the Arkansas. The total loss incident to the high water is estimated at $700,000.

November:--The outstanding characteristic of the weather during November was the low mean temperature, this being with but one exception the coldest November on record in Arkansas. Approximately the normal rainfall occurred. Conditions were favorable for cotton picking and rice harvesting, but in northeastern counties considerable cotton remained in the field at the close of the month. Considerable fall plowing was done and all winter grains were in good condition at the close of the month. Tornadoes were reported in twenty six localities on the 25th, details being given in the table on page 56.

December:--December was the wettest month of the year and the second wettest December on record. Excessively heavy rains occurred throughout the State on the 20th-21st, half of the rainfall of the month occurring at numerous stations on these days. The rains brought sharp rises in all streams and a rather disastrous flood on the Ouachita. One life was lost and property damage estimated at over $75,000 was sustained. Three lives were lost and several thousand dollars damage done to roads and bridges in Pulaski County. Temperatures were mild until the 14th, when a cool wave overspread the State. Another cool wave about the 25th-26th brought the coldest weather of the month, 3° below zero being reported at Mammoth Spring. The weather was unfavorable for outdoor work, but winter crops made satisfactory growth except that oats were frosted in some localities the latter part of the month.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Snowfall inches	Clear	Partly cloudy	Cloudy	Precip.01 or more	
Means and Extremes	**61 2**		**116**	**-29**	**47.72**			**171**	**95**	**100**	**84**	
1891	60.5	−0.7	108	6	44.49	− 3.23	....	180	94	91	94	s.
1892	60.0	−1.2	106	−14	57.75	+10.03	....	159	98	109	98	s.
1893	60.7	−0.5	103	−13	47.91	+ 0.19	....	185	95	85	75	s.
1894	61.3	+0.1	108	−22	49.05	+ 1.33	....	176	97	92	75	s.
1895	59.8	−1.4	105	−17	44.69	− 3.03	..	167	92	106	83	s.
1896	63.0	+1.8	112	4	38.02	− 9.70	5.2	171	97	98	79	s.
1897	62.4	+1.2	111	− 2	46.52	− 1.20	5.4	178	96	91	76	s.
1898	61.4	+0.2	108	− 4	56.83	+ 9.11	3.4	159	105	102	89	s.
1899	60.6	−0.6	112	−25	41.49	− 6.23	7.0	170	105	90	76	s.
1900	62.0	+0.8	108	− 5	49.03	+ 1.31	2.2	150	120	95	92	s.
1901	61.1	−0.1	116	− 6	35.28	−12.44	3.3	175	111	79	65	s.
1902	60.4	−0.8	108	− 2	51.70	+ 3.98	9.3	150	121	94	81	sw.
1903	59.3	−1.9	105	−12	44.62	− 3.10	7.7	162	107	96	84	sw.
1904	60.5	−0.7	105	− 5	43.45	− 4.27	3.5	169	112	85	78	s.
1905	59.5	−1.7	106	−29	63.65	+15.93	15.5	146	107	112	103	sw.
1906	60.2	−1.0	101	− 7	56.97	+ 9.25	5.2	156	96	113	95	sw.
1907	61.7	+0.5	113	− 8	49.71	+ 1.99	2.5	163	91	111	86	s.
1908	62.1	+0.9	103	0	48.88	+ 1.16	5.4	158	100	108	92	sw.
1909	62.1	+0.9	111	−19	44.05	− 3.67	6.8	173	93	96	83	s.
1910	61.0	−0.2	105	−13	45.21	− 2.51	10.8	172	109	84	84	sw.
1911	62.9	+1.7	107	− 9	49.53	+ 1.81	3.0	152	117	96	95	sw.
1912	59.8	−1.4	106	−16	45.83	− 1.89	11.3	171	110	85	81	sw.
1913	61.6	+0.4	108	− 1	54.01	+ 6.29	7.1	158	107	100	89	s.
1914	61.4	+0.2	110	−11	42.85	− 4.87	16.2	149	109	107	82	s.
1915	60.6	−0.6	107	− 3	53.08	+ 5.36	4.7	163	81	121	82	sw.
1916	61.9	+0.7	107	−16	42.18	− 5.54	6.2	191	76	99	75	s.
1917	59.2	−2.0	106	−21	40.72	− 7.00	12.1	187	74	104	75	s.
1918	61.4	+0.2	115	−23	44.64	− 3.08	18.1	174	76	115	75	s.
1919	61.6	+0.4	113	−10	54.52	+ 6.80	3.4	166	75	124	91	s.
1920	60.7	−0.5	105	− 2	54.28	+ 6.56	4.2	174	74	118	90	s.
1921	64.2	−3.0	107	− 3	47.46	− 0.26	15.3	178	85	102	83	s.
1922	62.7	+1.5	111	7	46.50	− 1.22	5.2	170	83	112	87	s.
1923	61.6	+0.4	109	2	59.85	+12.13	9.0	160	82	123	102	s.
1924	60.1	−1.1	110	− 8	37.03	−10.69	14.3	193	68	105	74	n-s.
1925	63.0	+1.8	113	− 6	42.19	− 5.53	5.4	181	81	100	74	s.
1926	61.3	+0.1	110	−17	49.24	+ 1.63	12.5	175	79	111	88	s.

KILLING FROSTS, 1926

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Apr. 1	Nov. 5	218	Jonesboro	Apr. 1	Oct. 25	207
Arkadelphia	Apr. 1	Oct. 25	207	Junction	Apr. 16	Oct. 25	192
Arkansas City	Apr. 16	Nov. 5	203	Lambrook	*Apr. 16	Oct. 25	192
Arlberg	Mar. 31	Oct. 25	208	Little Rock	Mar. 27	Nov. 3	221
Batesville	Mar. 20	Oct. 25	219	Lurton	Apr. 15	Oct. 25	193
Bee Branch	Apr. 20	Oct. 25	188	Lutherville	Apr. 1	Oct. 25	207
Bentonville	Apr. 3	Oct. 25	205	Magnolia	Mar. 31	Nov. 5	219
Black Rock	Apr. 16	Oct. 25	192	Malvern	Apr. 1	Oct. 25	207
Blytheville	Apr. 20	Oct. 25	188	MammothSpring	Apr. 1	Oct. 25	207
Booneville	Apr. 1	†Oct. 25	207	Marianna	Apr. 1	Oct. 25	207
Brinkley	Apr. 0	Oct. 25	188	Marked Tree	Apr. 16	Oct. 25	192
Calico Rock	Apr. 20	†Oct. 25	188	Marshall	Apr. 16	Oct. 25	192
Camden	Apr 16	Nov. 3	201	Mena	Apr. 1	Oct. 25	207
Centerpoint	Mar. 27	Nov. 5	223	Morrillton	Apr. 16	Oct. 25	192
Clarendon	Apr. 16	Oct. 25	192	Mountain Home	Mar. 14	Oct. 25	194
Clinton	Apr. 16	Oct. 24	191	Mount Ida	Apr. 16	†Oct. 25	192
Conway	Apr. 1	†Oct. 25	207	Newport	Apr. 16	Oct 25	192
Corning	Apr. 1	Oct. 21	203	Osceola	Apr. 16	Oct. 25	192
Dam No. 1	Apr. 16	Oct. 25	192	Ozark	Apr. 1	Oct. 25	207
Danville	Apr. 20	Oct. 25	188	Patterson	Apr. 16	Oct. 25	192
Dardanelle	Apr. 16	Oct. 25	192	Piggott	Apr 20	Oct. 25	188
Dumas	*Apr. 16	†Oct. 25	192	Pindall	Apr. 19	Oct. 25	189
Dutton	Apr. 21	Oct. 25	187	Pine Bluff	Apr. 1	Nov. 5	218
El Dorado	*Mar. 16	Nov. 10	239	Pocahontas	Mar. 24	Oct. 25	215
England	*Apr. 1	Oct. 25	207	Portland	Apr. 16	Oct. 25	192
Eureka Springs	Apr. 1	Oct. 25	207	Prescott	Apr. 16	Nov. 3	201
Evening Shade	Apr. 7	Oct. 25	201	Rison	Apr. 1	†Oct. 25	207
Fayetteville	*Apr. 3	Oct. 25	205	Rogers	Apr. 1	Oct. 25	207
Fort Smith	Apr. 1	Nov. 5	218	Searcy	Apr. 20	Oct. 25	188
Freeman Spr.	Apr. 19	Oct. 25	189	Springbank	Apr. 1	Nov. 5	218
Fulton	Apr. 1	Nov. 5	218	Story	Apr. 1	Oct. 24	206
Georgetown	Apr. 20	Oct. 25	188	Stuttgart	Apr. 15	Oct. 25	193
Gilbert	Apr. 20	Oct. 25	188	Subiaco	Mar. 27	†Oct. 25	212
Gravette	*May. 15	Oct. 25	163	Texarkana	*Mar. 31	†Nov. 5	219
Harrison	Apr. 16	Oct. 25	192	Thornburg	Apr. 16	Nov. 5	203
Helena	Apr. 16	Oct. 25	192	Waldron	Apr. 19	Oct. 25	189
Higden	Apr. 20	Oct. 25	188	Warren	Apr. 1	Nov. 5	218
Hope	Apr. 1	Nov. 5	218	Waters	Apr. 16	Oct. 24	191
Hot Springs	Apr. 4	†Nov. 5	215	Whitecliffs	Mar. 16	Nov. 5	234
Huttig	Apr. 1	Nov. 3	216	Wilson	Apr. 16	Oct. 25	192
Index	Mar. 31	Nov. 5	219	Wynne	Apr. 16	Oct. 25	192

†No killing frost recorded; last freezing temperature in spring.

*No killing frost recorded; first freezing temperature in autumn.

Climatological Data for Year, 1926

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall, unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	700	27	.....	99	Aug. 6	17	Dec. 16	31	.....	.....	.....	.....	.....	3.2	.....	161	101	103	sw.
Arkadelphia	Clark	250	.....	.....	.....	.....	.....	.....	30	55.65	9.36	Dec.	2.31	Sept.	1.3	87	187	38	140	s.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	42	48.47	11.92	Dec.	0.27	Sept.	0.5	82	208	58	99	.....
Arlberg	Stone	700	.....	.....	.....	.....	.....	.....	4	58.83	9.90	Aug	1.60	May	10.2	85	153	108	104	ne.
Batesville	Independence	277	20	58.2	106	July 4	2	Jan. 23	27	49.01	10.31	Aug.	0.94	June	7.0	108	181	25	159	nw.
Bee Branch	Van Buren	700	33	60.8	108	July 3†	6	Dec. 26	34	50.37	7.41	Dec.	1.57	May	6.6	91	160	90	115	w.
Bentonville	Benton	1303	21	57.0	100	Aug. 6	− 7	Jan. 23	21	52.21	9.34	Sept.	1.62	Feb.	25.6	114	183	82	100	s.
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	24	45.91	8.10	Aug.	1.24	Apr.	7.7	99	214	24	127	.....
Blytheville	Mississippi	252	1	.....	106	July 3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	sw.
Booneville	Logan	465	12	61.9	108	Aug. 6	8	Jan. 22	12	41.53	6.29	Oct.	1.12	Feb.	2.2	93	193	80	92	e.
Brinkley	Monroe	205	39	62.7	105	July 4	14	Dec. 16	39	49.82	8.70	Dec.	1.84	Apr.	1.1	.....	188[k]	69[k]	97[k]	s.
Calico Rock	Izard	361	12	58.9	110	Aug. 6	− 4	Jan. 23†	22	40.45	8.38	Aug.	0.63	July	8.0	109	132	138	95	sw.
Camden	Ouachita	158	35	62.4	101	July 4	15	Dec. 17	41	53.19	8.73	Mar.	2.08	Feb.	T.	99	152	78	135	sw.
Center Point	Howard	470	23	63.6	104	July 4	16	Dec. 16	27	56.96	10.09	Dec.	2.35	June	5.3	96	143[c]	91[c]	128[c]	se.
Clarendon	Monroe	200	.....	.....	.....	.....	.....	.....	22	49.39	9.04	Dec.	0.89	Sept.	2.3	105	144	81	140	s.
Clinton	Van Buren	516	.....	.....	.....	.....	.....	.....	5	53.90	8.52	Oct.	1.10	June	5.3	75	117[b]	163[b]	83[b]	w.
Conway	Faulkner	309	28	62.0	107	July. 4†	14	Dec. 26	43	50.50	6.91	Dec.	1.58	May	6.5	85	207	90	68	s.
Corning	Clay	293	26	60.5	107	July 3	0	Jan- 23	33	53.25	9.18	Jan.	0.89	May	12.4	79	198	78	89	sw.
Dam No. 1‡‡	White	190	.....	.....	.....	.....	.....	.....	3	47.43	7.29	Dec.	1.39	Apr.	2.3	75	238	36	91	sw.
Danville	Yell	327	.....	.....	.....	.....	.....	.....	10	46.41	7.92	Oct.	1.15	May	5.0	68	132[a]	124[a]	108[a]	e.
Dardanelle	Yell	330	14	61.6	104	July 5	16	Dec. 16	40	48.01	8.23	Dec.	1.40	June	5.5	73	175[e]	85[e]	100[e]	w.
Dumas	Desha	162	12	63.6	105	July 4	16	Dec. 17	20	46.96	9.51	Dec.	1.15	June	0.2	108	106	177	82	n.
Dutton	Madison	1590	13	54.7	99	Aug. 6	−13	Jan. 23	23	57.79	10.87	Sept.	1.72	Feb.	15.4	105	171	104	90	s.
El Dorado	Union	270	22	65.4	102	July 4	18	Dec. 16	25	46.84	9.33	Dec.	1.48	June	0.6	100	125	125	115	sw.
England	Lonoke	229	13	62.8	104	July 4†	15	Dec. 16	19	50.04	10.72	Dec.	1.77	Sept.	0.2	99	188[b]	71[b]	101[b]	s.
Eureka Springs	Carrroll	1465	25	58.6	104	Aug. 10	− 2	Jan. 23	26	55.95	10.28	Aug.	1.51	Feb.	19.5	109	143	115	107	sw.
Evening Shade	Sharp	600	3	.....	108	Aug. 6	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	sw.
Fayetteville	Washington	1451	35	58.2	103	Aug. 6	− 6	Jan. 23	39	42.51	10.61	Sept.	0.61	Feb.	16.8	97	190[a]	89[a]	85[a]	sw.
Fort Smith	Sebastian	457	45	61.4	102	Aug. 6	13	Jan. 23	45	43.54	9.04	Oct.	1.32	Feb.	2.5	101	155	89	121	e.
Freeman Springs	Pope	2240	.....	.....	....	... .	.....	.....	2	51.86	8.91	Sept.	2.33	May	12.5	112	197	66	102	sw.
Fulton	Hempstead	260	.....	.....	.....	... .	.....	.....	40	51.57	8.51	Dec.	1.00	Sept.	T.	78	156	71	138	.....
Georgetown	White	200	.....	.....	.....	.....	.....	.....	14	43.43	9.16	Dec.	1.25	May	2.6	77	175	51	139	s.
Gilbert	Searcy	675	.....	.....	.....	.....	.....	.....	3	43.70	7.58	Aug.	1.45	June	23.2	101	165[a]	111[a]	88[a]	.....
Grannis	Polk	900	8	.....	101	July 4	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gravette	Benton	1250	28	56.9	100	Aug. 6	−14	Jan. 23	29	53.02	11.10	Sept.	1.46	Feb.	19.2	93	200[d]	89[d]	72[d]	sw.
Harrison	Boone	1052	25	58.5	107	Aug. 6	−17	Jan. 23	25	48.13	8.87	Aug.	1.29	July	25.0	79	175[k]	78[k]	101[k]	.....
Helena	Phillips	193	32	63.3	107	July 3	16	Dec. 16	54	49.73	8.64	Dec.	0.61	July	3.7	114	143	59	163	s.
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	8	49.86	7.08	Dec.	1.12	May	3.3	100	167	109	89	sw.
Hope	Hempstead	377	20	63.4	105	July 4	15	Dec. 16	55	52.54	7.88	Dec.	1.38	Sept.	1.0	72	205	62	98	s.
Hot Springs	Garland	600	29	62.0	103	Aug. 6	16	Jan. 23	35	52.19	11.04	Dec.	1.94	May	3.5	106	180	70	115	.....
Index	Little River	275	.....	.....	.....	.....	.....	.....	1	53.08	8.00	Dec.	1.80	Sept.	2.0	103	171	26	168	.....
Jonesboro	Craighead	345	30	60.4	106	July 3	12	Jan. 22†	31	45.60	7.55	Aug.	1.02	May	10.3	117	228[b]	48[b]	87[b]	ne.
Junction ‡‡	Union	182	32	.....	105	July 4	18	Dec. 26	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lambrook	Phillips	155	3	61.1	102	July 4	11	Dec. 18	3	42.80	7.68	Dec.	0.65	May	1.7	.....	201[n]	27[n]	123[n]	.....
LITTLE ROCK	Pulaski	357	47	62.0	103	Aug. 6	16	Jan. 22	47	44.40	9.46	Dec.	1.19	Sept.	2.8	105	154	95	116	s.
Lurton	Newton	2100	1	.....	97	July 4†	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s.
Lutherville ‡‡	Johnson	775	28	59.6	102	July 4	10	Jan. 23	27	57.45	8.69	Sept.	1.83	May	12.7	94	171	97	97	e.
Magnolia	Columbia	315	7	64.1	101	July 4†	16	Dec. 15	7	45.98	8.78	Mar.	1.25	Sept.	0.0	67	133[i]	112[i]	110[i]	ne.
Malvern	Hot Springs	277	38	62.9	104	Aug. 6	15	Dec. 16	39	49.02	9.20	Dec.	1.09	May	1.0	88	210	80	75	s.
Mammoth Spring	Fulton	600	21	58.2	105	July 3	−12	Jan. 23	21	53.51	12.91	Aug	1.66	June	12.1	111	151	112	102	s.
Marianna	Lee	235	14	62.6	101	July 2†	16	Dec. 16	14	43.78	8.38	Dec.	0.67	May	0.1	93	150	157	58	s.
Marked Tree	Poinsett	229	10	59.1	102	July 2	12	Dec. 15	21	48.61	8.52	Dec.	1.05	Sept.	2.6	101	164	117	84	se.
Marshall	Searcy	1070	11	59.5	105	Aug. 6	−10	Jan. 23	12	57.97	11.26	Aug.	1.24	Feb.	20.3	85	186[a]	67[a]	111[a]	sw.
Mena	Polk	1185	34	60.8	105	Aug. 6	13	Jan. 22†	38	51.07	8.04	Oct.	1.39	Apr.	4.0	110	185	70	110	sw.
Morrillton	Conway	347	5	.....	107	July 4	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	sw.
Mountain Home	Baxter	800	10	... .	.....	.....	− 9	Jan. 23	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mount Ida	Montgomery	650	12	60.8	107	July 4	10	Dec. 16	27	52.16	8.07	Dec.	1.49	June	5.5	79	170	86	109	sw.
Murfreesboro	Pike	367	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	Jackson	231	38	62 1	106	July 4	12	Jan. 23	42	39.95	6.39	Aug.	0.79	June	3.5	88	177	99	89	n.
Osceola	Mississippi	240	23	.....	101	July 2	11	Nov. 22	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s.
Ozark	Franklin	450	30	61.4	104	Aug. 6	14	Jan. 23†	30	50.80	8.89	Sept.	1.57	Feb.	T.	85	175°	38°	137°	nw.
Patterson	Woodruff	196	.....	.....	.....	.....	.....	.....	10	50.31	10.44	Dec.	1.07	May	2.5	79	226	0	139	n.
Piggott	Clay	307	.....	.....	.....	.....	.....	.....	2	50.47	11.82	Aug.	1.67	June	8.1	80	201	76	88	sw.
Pindall	Searcy	1500	.....	.....	.....	.....	.....	.....	4	46.57	8.02	Sept.	1.78	Feb.	16.4	104	159	81	125	se.
Pine Bluff	Jefferson	215	38	64.6	108	July 4†	17	Dec. 16	39	51.13	9.08	Dec.	1.10	May	0.8	99	195	49	121	sw.
Pocahontas	Randolph	309	32	59.7	105	July 3	− 1	Jan. 23	33	49.58	9.90	Aug.	1.34	June	13.6	85	132	111	122	n.
Portland	Ashley	122	20	65.9	107	Aug. 22	18	Dec. 16	20	41.47	12.43	Dec.	0.54	Sept.	T.	84	123	136	106	w.
Prescott	Nevada	329	37	63.5	103	July 4†	17	Dec. 16	38	50.65	7.38	Mar.	1.86	Feb.	0.2	90	176	55	134	n.
Princeton	Dallas	287	.....	.....	.....	.....	.....	.....	20	48.78	9.69	Oct.	0.72	Aug.	0.0	50	199§	15§	121§	.....
Rison	Cleveland	243	19	65.4	108	July 4	16	Dec. 16	25	50.28	8.60	Oct.	0.98	June	1.5	71	133[d]	116[d]	112[d]	sw.
Rogers	Benton	1385	33	57 5	100	Aug. 6	−11	Jan. 23	35	48.95	7.89	Sept,	0.96	Feb.	18.2	95	156	98	111	s.
Searcy	White	236	11	61.5	109	July 4	14	Jan. 23†	17	39.46	7.49	Dec.	1.41	July	2.5	84	220	19	126	s.
Springbank‡‡	Miller	240	..	.....	.....	....	.....	....	19	51.74	9.23	Mar.	1.40	Sept.	T.	84	211	5	149	.....
Story	Montgomery	700	.....	.....	.....	.....	.....	.....	2	45.49	7.61	Dec.	1.71	June	5.4	75	187	91	87	s.
Stuttgart	Arkansas	228	36	62.6	103	July 3†	15	Dec. 16	39	50.40	9.24	Dec.	1.04	July	0.6	92	173	119	73	se.
Subiaco	Logan	1050	29	62.9	106	July 5	14	Jan. 22	29	38.29	6.37	Oct.	1.38	Feb.	9.0	82	187[y]	56[y]	97[y]	s.
Texarkana	Miller	332	40	61.5	103	July 4	16	Dec. 16	40	62.68	12.08	Oct.	1.53	Sept.	T.	84	180	55	130	n.
Waldron	Scott	675	.....	.....	.....	.....	.....	.....	7	48.16	6.25	Oct.	1.53	Feb.	9.0	95	136	74	155	nw.
Warren	Bradley	206	30	64.9	103	July 4	17	Dec. 16	32	49.87	8.30	Dec.	2.10	Feb.	0.0	63	191[e]	87[e]	82[e]	s.
Waters	Montgomery	800	.....	....	.....	.....	.....	.....	2	52.00	8.35	Dec.	1.91	July	3.0	64	168	78	120	w.
Whitecliffs	Little River	290	.....	.....	.....	....	.....	.....	22	52.32	9.55	Dec.	1.49	June	1.2	61	175[a]	66[a]	123[a]	sw.
Wilson	Mississippi	237	1	.....	101	July 3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wynne	Cross	250	14	61.4	103	July 3†	15	Dec. 16	18	48.94	10.24	Dec.	0.92	Sept.	3.0	102	178	62	125	s.
Yancopin	Desha	167	.....	.....	.....	.....	.....	.....	2	42.04	8.98	Dec.	1.19	July	0.7	104	152[e]	68°	142[e]	.....

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record: but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:- Dam No. 1, Judsonia, Ark., Junction, Lillie, La.; Lutherville R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. §30 days missing.

Monthly and Annual Mean Temperatures for the Year 1926, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	41.4	−1.7	48.2	+5.2	49.0	−6.0	57.2[e]	−4.0	.....	......	.....	.....	78.6[g]	−1.5	79.8[b]	−0.2	76.4	+2.2	66.2	+3.4	48.9	−3.7	46.4	+3.6	.....	.....
Batesville	36.4	−2.4	45.4	+5.0	44.1	−8.1	54.5	−4.4	67.2	−0.6	74.6	−0.8	79.8	0.0	79.4	−0.1	73.9	+0.9	61.1	−0.1	43.8	−5.8	38.6	−2.0	58.2	−1.5
Bee Branch	38.9	−2.4	47.6	+5.5	48.3[b]	−4.3	58.6[b]	−2.3	70.2	+1.6	77.7	+0.9	82.6	+2.6	80.6	+1.2	76.2	+1.8	63.5	+0.9	45.5	−5.8	40.1	−2.1	60.8	−0.2
Bentonville	35.8	+1.7	45.0	+6.5	43.6	−3.7	54.3	−2.6	67.2	+0.8	71.9	−2.2	76.1	−2.4	77.1	+0.6	71.2	+2.3	60.6	+2.6	42.6	−4.1	38.4	+0.9	57.0	0.0
Blytheville	.....	......	.....	......	50.2[j]	......	58.6	......	72.0	......	77.4	......	81.2	......	80.8[a]	......	77.6	......	.....	......	47.2[a]	......	42.4[b]	......	.....	......
Booneville	41.4	+1.4	49.0	+2.4	48.0	−8.4	58.7	−2.9	69.5	−1.6	76.6	−1.0	80.6	−0.5	83.0	+1.9	78.3	+2.7	66.0	+2.7	48.2	−5.6	43.6	+0.1	61.9	−0.7
Brinkley	43.0	+1.2	51.4	+8.4	49.8	−2.6	59.2	−1.5	70.8	+0.8	77.3	−0.4	80.9	+0.1	83.1[i]	+1.9	78.3[c]	+3.7	66.0	+3.9	47.8	−4.0	44.4	+1.0	62.7	+1.1
Calico Rock	36.6	+0.4	45.8	+4.6	45.1	−2.8	55.0	−3.1	67.6	+0.7	75.0	−1.2	81.2	+1.7	80.0	+1.1	74.9	+3.1	62.4	+2.2	44.1	−4.5	38.6	−0.9	58.9	+0.1
Camden	42.4	−2.5	50.9	+3.9	49.8	−6.2	58.4	−5.3	69.6	−1.6	77.0	−1.2	79.2	−1.8	81.6	+1.4	78.2	+2.8	66.8	+3.1	48.2	−4.0	46.4	+1.3	62.4	−0.8
Centerpoint	43.4	−2.0	51.4	+5.2	51.2	−5.8	60.2	−2.5	71.4	+0.4	79.1	+0.5	80.8	−1.0	82.3	−0.9	78.6[c]	+1.9	68.1	+4.5	49.8	−4.8	46.5	+1.9	63.6	0.0
Conway	41.2	−0.8	49.0	+5.7	49.3	−4.5	58.9	−2.6	70.3	+0.2	77.6	−0.6	81.6	0.0	82.4	+1.0	78.0	+3.0	65.6	+2.5	48.0	−3.8	42.6	+0.4	62.0	0.0
Corning	38.5	+1.2	48.1	+10.4	46.8	−4.4	56.9	−2.7	70.2	+1.7	76.7	+1.1	81.4	+2.5	80.4	+2.3	74.8	+2.4	63.8	+4.8	47.1	−0.9	41.2	+1.8	60.5	+1.7
Dardanelle	42.4	+2.2	49.2	+5.6	51.9	−0.5	60.1	−1.3	71.6	+2.0	78.6[e]	+0.8	78.2	−3.2	78.6	−1.4	74.4	0.0	63.6	+0.6	47.8	−4.6	42.8	+0.6	61.6	+0.1
Dodd City	36.8	−0.8	44.5	+6.7	43.0	−4.6	.....	.....	.....	......	...	......	.....	......	.....	......	.....	......	.....	......	.....	......	.....	......	.....	......
Dumas	43.4	+0.4	52.1	+2.8	51.4	−6.0	60.1	−2.7	70.6	−1.6	79.0	+0.2	81.6	0.0	83.0	+2.4	78.8	+3.2	67.8	+2.6	48.8	−5.1	46.3	−1.1	63.6	−0.4
Dutton	34.6	−1.3	42.6	+4.7	42.4	−5.7	52.4	−3.6	62.4	−1.7	68.8	−3.0	72.2	−3.3	73.6	−1.1	70.0	+1.3	58.8	+0.7	41.4	−6.2	37.4	0.0	54.7	−1.6
El Dorado	45.8	0.0	54.6	+7.0	53.2	−3.2	62.2	−1.2	72.3	+1.3	80.2	+1.2	81.4	−0.1	83.6	+2.5	80.2	+3.8	70.4	+5.6	51.8	−3.1	49.4	+3.4	65.4	+1.4
England	42.6	−0.3	51.7	+5.7	50.6[a]	−4.6	59.2	−2.9	69.8	−0.3	77.8	−0.1	80.0	+1.3	81.2[a]	+0.9	78.0	+2.9	67.1	+3.9	49.4	−4.3	45.6	+2.4	62.8	+0.2
Eureka Springs	37.8	+0.2	46.2	+6.4	44.8	−6.2	55.4	−3.0	67.9	+1.1	72.7	−1.3	77.6	−0.4	79.0	+1.0	73.3	+1.5	62.4	+2.1	45.4	−6.2	40.6	+1.4	58.6	−0.2
Evening Shade	37.8	......	46.6	......	46.0	......	56.6	......	68.0	......	75.2	......	80.3	......	80.0	......	75.6	......	62.8[a]	......	.....	......	.....	......	.....	......
Fayetteville	37.4	−0.6	46.0	+6.7	45.2	−4.7	55.4	−2.6	67.3	+1.1	72.3	−1.9	76.4	−1.6	78.9	+1.3	72.9	+0.5	62.4	+1.5	44.8[a]	−5.0	40.0	+0.1	58.2	−0.5
Fort Smith	39.8	+0.3	48.4	+5.6	47.6	−5.0	58.4	−3.4	70.6	+1.0	76.9	−0.6	80.2	−1.3	82.6	+2.1	77.0	+3.0	65.0	+2.3	47.8	−2.2	42.1	0.0	61.4	+0.1
Grannis	39.2	......	47.6	......	47.6	......	56.8	......	67.8	......	74.8	......	76.8	......	78.4[m]	......	.....	......	.....	......	.....	......	.....	......	.....	......
Gravette	35.8	−0.9	44.2	+6.4	43.2	−0.6	53.2	−3.4	64.6[a]	−1.0	70.9	−2.7	74.6	−2.6	77.1[b]	−0.1	72.9	+2.1	62.1	+2.1	44.8	−4.6	39.7	+2.1	56.9	−0.3
Harrison	37.0[a]	......	45.4	......	45.2[f]	......	55.4[b]	......	67.6[a]	......	73.8	......	78.1[b]	......	78.2[a]	......	72.9[d]	......	63.4[b]	......	44.8	......	39.8[a]	......	58.5	......
Helena	42.8	−0.2	50.0	+6.4	48.6	−5.2	60.8	−1.6	73.2	+2.4	80.2	+2.0	83.0	+1.7	82.9	+2.3	79.4	+4.6	66.8	+4.3	47.4	−5.8	44.9	+0.1	63.3	+0.9
Hope	43.8	−1.6	51.9	+4.3	51.6	−6.4	60.2	−3.0	71.0	−0.2	79.1	+0.7	81.0	+0.4	82.5	+1.1	78.6	+2.6	65.5	−0.1	48.9	−5.7	46.5	−0.2	63.4	−0.7
Hot Springs	42.2	−0.9	50.0	+3.2	50.0	−4.3	59.0	−3.5	69.4	−0.4	76.8	−1.1	79.4	−2.0	80.9	+0.5	77.8	+2.4	65.9	+2.0	48.4	−4.4	44.4	−1.8	62.0	−0.9
Huttig	.....	......	58.0[d]	+6.3	57.4[b]	−1.0	61.4[b]	−4.0	.....	......	80.6[b]	+1.2	.....	......	.....	......	80.6[f]	+4.4	.....	......	49.8[f]	−5.3	.....	......	.....	......
Jonesboro	40.4	0.0	46.5	+5.0	46.9[a]	−5.9	57.4	−3.8	70.6	+0.8	76.4	−1.2	80.8	+0.9	80.2	+0.3	76.0	+1.7	62.9	+0.4	46.0	−5.4	40.8	−0.2	60.4	−0.6
Junction	44.5	−1.1	.....	......	52.5	−4.7	61.1	−4.5	72.0	+0.2	78.8	−0.6	80.4	−1.5	82.4	+1.6	80.4	+4.8	.....	......	.....	......	49.6	+3.5	.....	......
Lambrook	40.2[e]	......	48.5	......	47.4	......	59.2	......	69.2	......	76.5	......	78.6	......	80.6	......	77.2	......	65.4	......	45.4	......	45.3[b]	......	61.1	......
LITTLE ROCK	41.5	+0.1	49.2	+4.3	48.7	−4.3	59.2	−2.9	70.6	+0.3	77.9	+0.5	81.2	+0.3	81.2	+1.4	77.4	+3.3	65.8	+2.2	47.8	−4.3	43.6	−0.6	62.0	0.0
Lurton	.....	......	.....	......	.....	......	55.7[j]	......	65.4	......	70.7	......	76.1[a]	......	75.8	......	71.0	......	59.2[b]	......	41.2	......	36.8	......	.....	......
Lutherville	39.2	−0.8	47.0	+6.0	46.4	−6.0	57.2	−2.6	68.8	+0.5	73.8	−2.0	78.9	−0.5	80.1	+1.3	75.0	+1.4	63.1	+1.3	45.4	−5.8	40.2	−1.0	59.6	−0.7
Magnolia	36.0[a]	......	54.2	......	52.2	......	56.8[a]	......	68.1[f]	......	78.0	......	80.0	......	84.1[b]	......	81.3	......	69.0[a]	......	51.2	......	48.8[b]	......	64.1	
Malvern	42.8	−0.4	50.4	+3.5	50.3	−3.8	60.3	−0.8	70.4	+0.5	78.2	+0.7	80.6	−0.4	82.4	+2.7	78.4	+4.1	67.2	+4.4	48.6	−3.6	45.2	+2.2	62.9	+0.8
Mammoth Spring	33.2	−3.6	42.3	+2.9	42.2	−8.5	55.2	−3.2	68.1	+1.9	73.0	−1.3	78.9	+0.9	78.2	+1.0	73.4	+2.0	61.0	+2.6	44.7	−3.9	39.6	+0.9	58.2	−0.7
Marianna	42.2	+2.0	50.4	+7.0	50.4	−4.4	60.6	+0.1	71.3	+1.1	78.0	0.0	80.6	+0.4	81.4	+2.0	77.8	+4.8	66.5	+2.9	48.0	−4.0	44.5	+2.5	62.6	+1.2
Marked Tree	38.6	......	46.8	......	44.9	......	57.4	......	69.4	......	75.7	......	79.6	......	79.6	......	76.2	......	66.0	......	42.0	......	38.8	......	59.1	......
Marshall	38.8	+0.4	47.2	+3.5	46.4	−7.2	55.9	−4.9	68.4	+1.2	74.4	−2.2	78.6	−0.2	79.8[b]	+1.1	74.4	+1.9	63.6	+2.1	45.8	−5.9	40.2	−2.6	59.5	−1.0
Mena	40.7	−0.6	48.2	+4.6	48.4	−4.2	58.6	−2.8	68.6	−0.3	75.7	−0.7	77.8	−2.0	81.2	+1.8	76.0	+2.2	64.6	+1.8	47.6	−5.5	42.1	−0.5	60.8	−1.5
Morrillton	.....	......	.....	......	.....	......	60.0[g]	......	71.0	......	78.6	......	82.4	......	81.8	......	77.6	......	.....	......	48.6[f]	......	43.5	......	.....	......
Mountain Home	37.3	+0.1	44.2	+3.5	43.7	−6.9	54.2	−5.2	67.0	+1.1	.....	......	.....	......	78.4	+0.6	73.2[b]	+2.2	62.0[b]	+2.7	44.4	−5.2	39.2	−0.5	.....	......
Mount Ida	40.9	+0.2	48.4	+2.6	48.6	−4.6	57.5	−3.9	68.0	−0.3	75.8	−0.7	78.8	−0.7	80.2	+0.9	77.0	+4.1	64.8	+3.5	47.3	−3.8	42.8	−0.7	60.8	−0.3
Newport	41.0	+1.8	48.7	+8.2	49.3	−3.3	59.8	−2.0	72.8	+2.8	78.4	+0.6	81.5	+0.5	81.2	+1.4	77.8	+4.0	64.8	+3.4	47.6	−3.4	42.4	+0.5	62.1	+1.2
Osceola	41.9	+2.1	47.8	+5.5	.....	......	58.4[a]	−1.3	70.8	+1.2	71.6	−2.6	77.0	−3.1	77.4[a]	−1.6	74.2	+0.7	62.0	+0.4	47.7	−2.1	39.9	−2.9	.....	......
Ozark	40.2	−0.8	48.6[c]	+5.7	47.2[g]	−6.2	58.8	−3.6	69.3	−1.1	76.5	−1.5	80.9[c]	−0.9	81.8[a]	+0.3	77.9	+1.8	66.0[b]	+2.4	46.8[a]	−5.4	42.5	+1.3	61.4	−0.6
Pine Bluff	43.8	+0.7	52.2	+6.8	51.6	−3.2	61.4	−3.0	72.2	+0.2	80.0	+1.0	82.8	+0.6	84.1	+2.7	80.8	+7.7	69.3	+6.7	50.2	−2.6	46.8	+2.4	64.6	+1.7
Pocahontas	38.9	+0.9	46.4	+6.0	46.1	−5.5	56.0	−4.0	68.8	+0.2	75.2	−1.2	80.2	−1.5	80.2	−0.8	75.8	+1.0	62.8	−0.1	45.6	−5.6	39.9	−0.9	59.7	−0.9
Portland	45.8	−0.5	56.9	+8.4	55.4	−3.4	62.2	−1.5	72.6	+1.3	80.2	+1.0	81.8	+0.3	84.2	+3.1	80.6	+4.2	69.6	+4.8	51.2	−2.7	49.9	+2.5	65.9	+1.5
Prescott	43.2	−0.9	51.8	+5.5	51.9	−4.0	60.0	−2.9	70.6	+0.4	78.6	+0.1	80.8	−0.9	82.4	+1.2	78.8	+3.0	68.6	+4.2	49.0	−5.2	46.4	+0.7	63.5	+0.1
Rison	45.4	+1.8	52.9	+8.5	54.4	−0.6	60.5[g]	−2.5	73.0[c]	+2.0	81.0	+3.1	83.0	+2.2	84.2	+3.2	80.3[b]	+4.5	69.4	+5.8	51.0[b]	−2.1	49.6	+4.1	65.4	+2.5
Rogers	36.6	−0.3	45.6	+7.3	44.2	−5.2	55.0	−3.1	66.2	+0.1	71.9	−1.5	75.6	−1.4	77.0	0.0	72.4	+1.3	61.2	+1.6	44.6	−4.7	39.9	+1.3	57.5	−0.4
Searcy	39.2	−1.2	49.0	+5.3	48.1	−4.9	58.0	−3.6	69.8	+1.1	77.8	+0.6	82.4	+1.7	81.6	+0.7	77.4	+4.0	61.6	+3.3	46.8	−3.9	42.9	+0.4	61.5	+0.4
Stuttgart	42.8	+0.6	50.8	+6.6	49.8	−4.2	59.0	−3.0	69.6	−0.3	77.8	+0.2	81.0	+0.3	81.6	+1.3	78.0	+3.2	66.6	+3.8	48.4	−3.8	45.4	+1.8	62.6	+0.6
Subiaco	42.2[b]	+0.8	49.7[e]	+7.3	49.9[f]	−3.7	59.1[d]	−2.0	72.3[b]	+2.3	78.0[b]	+0.6	81.6	+0.3	82.2	+1.4	79.4[b]	+5.8	66.6[f]	+3.2	49.8[b]	−3.2	44.2	+2.0	62.9	+1.3
Texarkana	45.8	−0.4	53.3	+5.5	52.0	−4.8	61.0	−2.8	71.4	−0.2	78.4	−0.6	80.2	−2.1	82.3	+0.4	80.0	+3.2	68.9	+4.3	51.9	−3.5	48.8	+2.0	64.5	+0.1
Thornburg	41.3	......	48.6	......	48.2	......	57.8	......	68.3	......	77.0	......	78.8	......	.....	......	.....	......	.....	......	.....	......	40.6[b]	......	.....	......
Warren	44.5	−0.4	58.9	+13.3	53.0[e]	−3.1	61.4	−1.2	72.2	+1.2	79.0	+0.2	81.6	−0.2	82.6	+1.5	79.2	+3.2	68.2	+4.4	50.6	−3.0	47.8	+3.1	64.9	+1.5
Wilson	.....	......	.....	......	.....	......	58.3	......	70.8	......	76.6	......	80.4	......	80.7	......	76.9	......	65.0	......	47.4	......	41.6	......	.....	......
Wynne	41.4	+1.2	47.8	+4.0	47.8	−3.8	58.6	−2.7	70.9	+0.5	76.4	−2.1	79.5	−1.5	81.3	+1.5	78.2	+4.4	65.0	+2.0	46.9	−4.9	42.5	+0.7	61.4	+0.0

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly River Stages for the Year 1926

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	19.7	0.6	4.0	4.8	1.0	2.7	11.0	2.0	4.2	12.4	1.8	4.7	5.8	0.2	2.2	1.3	−0.3	0.0	0.4	−0.7	−0.4	0.7	−0.7	−0.4	0.5	−0.7	−0.4	6.5	−0.7	0.7	4.6	0.5	2.1	22.5	0.7	5.1
Arkansas City	34.3	7.6	15.5	37.0	29.7	33.4	37.6	28.3	34.0	41.9	29.5	37.6	39.5	17.0	24.1	22.3	13.9	17.5	21.9	8.7	14.3	26.2	8.1	12.9	33.4	23.5	30.0	44.1	32.2	38.8	34.6	28.7	31.5	40.7	32.7	35.2
Batesville	14.3	6.4	8.9	13.2	7.3	10.0	15.0	8.7	10.6	15.0	8.7	11.5	10.3	6.2	7.8	9.4	5.4	6.8	5.6	4.5	4.9	16.1	4.3	8.2	15.9	6.1	8.7	24.8	7.2	14.0	22.3	10.0	14.2	16.2	8.9	12.3
Black Rock	15.0	3.9	6.9	13.9	5.6	8.2	15.2	7.7	11.3	14.0	6.7	10.1	6.4	3.6	4.7	3.8	2.2	3.1	3.5	2.0	2.3	14.1	2.0	4.7	4.0	1.4	1.8	6.0	1.5	2.9	10.0	3.4	6.5	11.5	3.7	6.9
Calico Rock	6.7	1.3	3.2	6.9	1.9	4.1	7.9	2.8	4.5	7.5	3.0	5.2	4.2	1.2	2.4	3.9	0.6	1.8	0.9	−0.2	0.2	10.0	−0.4	2.7	17.0	1.2	3.8	19.3	1.8	7.8	14.2	4.3	7.8	9.2	3.6	5.9
Camden	35.1	6.2	15.9	25.2	6.8	13.2	24.6	8.9	18.8	29.8	10.3	21.5	19.4	5.1	11.5	6.2	4.1	4.6	4.8	3.8	4.2	5.0	3.6	4.2	4.9	4.0	4.4	12.0	3.7	6.1	15.6	5.3	9.4	38.5	6.6	17.0
Clarendon	26.2	13.0	17.4	26.3	19.3	23.6	25.0	20.5	23.5	25.4	22.3	24.5	21.8	11.8	16.0	13.0	9.3	11.0	9.3	7.5	8.2	21.0	7.0	11.2	21.0	11.3	14.6	24.1	14.2	21.2	24.6	17.3	22.0	27.4	21.8	23.9
Corning	12.3	7.3	9.0	11.9	8.5	9.7	12.2	9.5	11.3	11.7	8.7	10.6	9.1	7.0	7.8	7.6	5.7	6.6	6.1	5.3	5.7	9.7	5.3	6.4	7.0	5.4	6.0	7.8	6.1	6.8	10.9	7.6	9.5	11.9	7.9	9.9
Dam No. 1	23.7	0.0	4.2	10.6	1.0	3.6	14.4	2.0	4.5	17.0	1.2	5.5	1.0	−2.0	−0.6	−1.4	−2.4	−2.0	−1.3	−2.5	−2.3	7.6	−2.0	0.4	0.8	−2.0	−0.9	8.5	−0.4	2.7	26.0	0.2	3.6	30.0	2.0	7.5
Danville	22.6	4.1	9.4	7.4	4.0	5.7	17.8	4.6	6.9	19.4	4.3	8.1	7.8	2.6	4.1	2.5	0.7	1.6	0.6	0.2	0.3	3.7	0.2	1.3	2.4	0.7	1.3	13.2	2.8	6.9	21.9	6.2	10.3	19.1	6.3	9.6
Dardanelle	10.5	1.8	4.3	6.2	2.8	3.9	6.3	3.4	4.6	11.8	5.6	7.8	9.1	2.2	4.8	11.1	2.0	6.2	7.9	1.8	3.8	6.1	0.4	2.3	15.7	2.9	8.5	25.7	6.9	16.9	12.4	5.1	7.3	12.8	4.2	8.3
Fort Smith	10.9	4.0	6.9	7.9	5.1	6.1	8.5	5.0	6.2	14.5	7.0	10.2	11.5	4.6	6.4	14.7	5.0	9.2	10.8	4.7	6.8	9.6	3.1	5.3	21.0	5.8	11.7	29.1	8.9	18.8	14.4	7.0	8.7	11.4	6.0	6.9
Fulton	20.2	6.7	12.3	14.3	8.3	10.4	16.6	9.0	12.0	18.0	12.2	15.7	21.7	9.1	14.9	11.5	8.0	9.2	22.8	7.8	12.6	24.2	8.3	14.8	13.1	8.8	11.2	26.0	8.3	18.6	16.6	10.3	13.0	27.5	9.4	16.6
Georgetown	20.0	5.5	10.6	19.7	9.6	14.8	18.8	14.0	16.6	2.00	11.0	17.6	11.0	4.4	7.5	6.3	2.0	3.9	2.0	0.1	0.8	16.7	−0.3	5.6	12.6	3.0	6.0	19.8	5.8	14.6	19.8	12.6	17.2	21.5	12.2	16.8
Gilbert	7.5	4.3	5.3	6.8	4.7	5.4	7.7	4.8	5.6	7.6	4.8	5.9	6.5	4.0	4.7	4.5	3.5	3.9	3.5	3.1	3.2	6.5	3.1	3.9	23.0	3.4	5.0	9.0	4.4	5.9	12.7	4.8	6.1	8.3	4.9	6.1
Helena	32.3	3.5	12.2	33.7	24.3	28.8	34.5	22.2	29.1	38.3	26.0	33.9	30.1	13.3	17.8	19.2	10.4	14.2	18.4	5.6	10.8	25.2	5.3	11.6	30.3	19.5	26.6	38.5	21.3	32.9	31.6	22.3	26.6	38.0	26.0	30.9
LITTLE ROCK	12.5	−1.0	3.5	5.9	0.8	2.6	6.2	1.8	3.4	11.2	4.2	7.3	7.2	−0.3	2.6	9.3	−0.6	3.4	4.9	−1.0	1.1	3.4	−2.3	−0.4	11.2	−0.2	6.2	22.9	6.0	15.6	12.4	4.0	7.0	15.1	2.9	8.5
Marked Tree	14.6	7.4	9.7	14.8	7.9	11.8	13.5	7.5	10.7	11.2	9.4	10.5	9.1	4.5	6.1	4.4	3.2	3.9	3.1	2.3	2.7	6.5	2.0	3.6	6.6	2.5	4.5	3.4	3.1	3.2	5.0	3.2	4.0	11.3	4.5	6.4
Newport	17.9	3.6	8.3	15.5	5.8	10.1	17.5	9.0	12.4	17.5	7.4	13.2	7.0	3.3	5.2	5.9	2.3	3.4	2.3	1.0	1.5	16.5	0.8	6.1	8.0	2.4	4.6	20.8	3.7	12.5	20.6	8.4	15.0	20.2	7.5	13.0
Patterson	9.8	4.5	6.1	9.9	6.0	7.5	8.2	6.1	7.1	8.5	5.8	7.3	5.6	3.5	4.6	4.1	3.3	3.7	3.3	1.8	2.6	6.8	1.6	2.9	8.0	2.4	5.1	3.2	2.1	2.8	4.9	3.0	3.3	10.0	5.0	7.3
Pine Bluff	15.2	3.4	7.4	10.2	5.6	7.2	10.7	6.3	7.7	15.7	8.5	11.8	11.2	4.4	7.2	13.0	3.9	7.5	8.8	3.3	5.3	7.2	1.9	3.6	16.9	4.0	10.3	25.8	7.8	19.2	16.0	8.7	11.6	18.7	7.1	12.5
Springbank	25.3	9.3	15.4	21.8	10.4	13.4	20.3	9.8	14.4	21.6	13.9	18.4	22.2	11.1	15.5	12.0	7.0	9.7	24.8	8.9	13.6	22.6	10.0	16.0	12.0	4.8	8.2	23.5	4.8	16.5	16.1	8.5	12.3	28.1	7.4	14.8
White Bluff	25.7	1.6	11.1	12.3	[illegible]	[illegible]	19.5	4.4	10.3	21.0	4.9	14.0	23.7	1.6	9.7	2.9	0.8	[illegible]	11.5	0.5	4.3	17.4	0.6	6.6	4.6	0.3	1.7	20.0	0.4	10.8	19.8	3.0	8.1	28.9	2.2	13.2

Monthly and Annual Precipitation for the Year 1926, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
nity	2.25	-22.6	1.10	-2.67	2.95	-2.31	1.83	-3.79	0.95	-4.67	0.79	-4.85	.....	.....	11.33	+6.97	1.75	-1.54	9.77	+6.79	0 87	-3.09	9.23	+0.82	.....	.....
rkadelphia	5.70	+1.73	2.40	-2.07	7.58	+2.48	2.62	-2.77	2.41	-3.01	3.40	-1.70	4.51	+0.76	3.60	- 0.92	2 31	-0 33	7.99	+5.16	3 77	+0.22	5.36	+4.52	55.65	+ 4.07
rkansas City	5.65	+0.35	1.82	-2.68	7.06	+1.64	1.81	-2.85	5.34	+0.76	1.19	-3.05	1.50	-2.36	2.59	-1.33	0 27	-2.65	5.97	+3.77	3 35	- 0.44	11 92	+7.03	48.47	+ 1.21
rlberg	4.20	.....	2.07	.....	4.95	.....	3.10	.....	1.60	..	3.39	.....	4.25	.....	9.90	.....	7.71	.....	7.74	.....	4 25	.....	5.67	.....	58.83	.....
ntesville	5.64	+1.45	2.40	-1.02	5.31	+1.19	2.31	-2.37	1.20	-3.69	0.94	-3.09	1.60	-1.67	10 31	+6 06	2.18	-1.72	4.39	+1.53	5 19	+1.61	7.54	+3.63	49.01	+ 1.94
e Branch	4.54	+0.44	2.99	-0.64	5.74	+0.56	2.64	-2.33	1.57	-3.24	1.60	-2.52	2.51	-1.20	5.76	+1.89	5 49	+2.37	5.66	+2.84	4.46	+1.03	7.41	+3.46	50.37	+ 2.66
ntonville	2.51	-0.12	1.62	-0.90	3.34	-0.48	2.45	-1 44	2.61	-2.61	4.87	+0.31	6.54	+2.23	7.47	+3 43	9.34	+5.87	4.71	+1.90	2.79	-0.20	2.96	+0.20	52.21	+ 7.19
ack Rock	4.13	-0.17	1.95	-1.18	5.24	+1.02	1.24	-4.17	2.00	-2.93	1.74	-1.60	3.16	-0.73	8.10	+3.75	3.78	+0.54	2.76	+0.19	5 59	+1.44	6.22	+2.47	45.91	- 1.37
lytheville	.....	.....	.....	.....	3.35	.....	2.38	.....	1.21	.....	1.95	.....	2.25	.....	8.75	.....	2.07	.....	4.10	.....	4.67	.....	8.97	.....	.....	.....
oneville	3.89	-0.94	1.12	- 0.95	3.87	+0.45	1.84	-2.35	2.05	-2.63	3.32	-0.87	2.16	-0.95	3.16	+0.17	5.97	+2.79	6.29	+3.40	4 40	+0.38	3.46	+0.61	41.53	- 0.89
rinkley	7.23	+2.26	2.18	- 1.78	7.30	+1.33	1.84	-3.58	2.28	-2.55	2.83	-0.61	5.12	+1.03	4.03	+0.51	2.08	-1.15	2.98	+0.06	3 25	-0.94	8.70	+3.76	49.82	- 1.66
dlico Rock	2.98	-0 60	1.83	-0.59	3.84	+0.27	2.66	-2.03	1.69	-2.76	1 25	-2.30	0.63	-2.81	8.38	+3.28	4.70	+1.13	5.63	+3.12	2 54	-0.55	4.32	+1.33	40 45	- 2.51
ndon	7.85	+3.25	2.08	-1.92	8.73	+3.56	2.94	-2.00	4.01	-0.43	2.63	-2.06	2.56	-1.35	3.86	+0.60	2.16	-1.16	6.15	+3.34	2 50	-1.57	7.72	+3.05	53.19	+ 3.31
nter Point	4.56	+0.82	2.73	-0.49	6.20	+1.13	5.47	+0.12	4.22	-2.06	2.35	-2.03	4.76	+0.66	2.59	- 0.76	3.05	-0.62	8.16	+5.30	2 78	- 0.60	10.09	+5.84	56 96	+ 7.31
arendon	5.77	+1.43	2.53	-1.26	6.77	+1.48	2.20	-4.13	1.05	-4.01	3.83	+0.49	2.26	-1.08	7.07	+2.86	0.89	-2.71	5.60	+2.56	2 38	-1.52	9.04	+4.03	49.39	- 1.86
inton	3.23	.....	2.55	.....	5.87	.....	3.51	.....	1.60	.....	1.10	.....	2.61	.....	8.01	.....	5.92	.....	8.52	.....	4 53	.....	6.45	.....	53.90	.....
onway	5.28	+1.03	2.69	-0.97	5.99	+1.39	1.93	-2.72	1.58	-3.15	2.09	-1.96	3.02	-0.30	5.89	+2.38	4.49	+0.98	6.65	+4.00	3 88	-0.12	6.91	+2.77	50 50	+ 3.24
orning	9.18	+5.49	2.40	-1.11	6.51	+1.81	1.61	-3.27	0.89	-3.47	0.93	-3 19	2.92	-0.55	7.37	+3.73	4.41	+0.69	3.38	+0.11	4.87	+1.19	8.78	+4.83	53.25	+ 6.26
am No. 1	5.77	.....	2.60	.....	5.03	.....	1.39	.....	1.57	.....	1.55	.....	3.05	.....	6.09	.....	3.63	.....	4.62	.....	4 24	.....	7.29	.....	47.43	.....
anville	5.83	+2.44	1.70	-0.32	4.91	+0.61	2.23	-1.69	1 15	-2.66	3.00	-0.36	1.31	-1.83	4.66	+1.13	4.95	+2.00	7.92	+4.11	3 53	0.00	5.22	+2.26	46.41	+ 5.69
ardanelle	4.72	+1.43	1.49	-1.54	4.94	+0.48	1.66	-2.38	1.70	-3.80	1.40	-2.24	4.38	+0.85	5.35	+1.62	3.07	-0.22	6.93	+4.29	4 14	+0.64	8.23	+5.03	48.01	+ 4.16
odd City	4.40	+1.37	2.08	-1.18	2.52	-1.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
umas	4.20	-0.79	1.93	-2.12	7.55	+1.70	2.68	-2.27	3.06	-2.16	1.15	-2.98	2.31	-1.11	2.97	-0.99	3.05	-0.75	6.27	+2.99	2.28	-1.61	9.51	+4.15	46.96	- 5.94
utton	2.35	-1.57	1.72	-1.20	3.70	-0.70	2.58	--3.18	2.89	-3.55	5.78	+0.28	5.78	+1.54	4.61	+0.16	10.87	+6.77	9.89	+6.89	3 63	+0.24	3.99	+0.56	57.79	- 6.24
l Dorado	4.50	+1.31	2.19	-1.15	8.18	+3.74	2.72	-2.37	2.48	-2.07	1.48	-1.76	4.81	+1.54	3.07	-0.25	2.52	-0.84	3.25	+0.42	2.31	-0.91	9.33	+4.67	46.84	+ 2.83
ngland	6.17	+2.11	2.62	-1.56	5.54	-0.25	2.33	-3.91	2.09	-2.00	2.10	-1 56	4.99	+2.58	4.06	-0.55	1.77	- 1.93	4.60	+1.72	3.06	-0.65	10.72	+6.14	50.04	+ 0.64
ureka Springs	3.53	+0.45	1.51	-1.13	4.07	+0.15	2.70	-1.97	3.07	-2.76	5.10	-0.61	4.38	+0.43	10.28	+5.16	8.71	+4.75	5.90	+2.87	3.01	+0.03	3.69	+1.27	55.95	+ 6.87
vening Shade	4.19	.....	2.20	.....	5.90	.....	2.11	.....	2.61	.....	0.79	.....	3.22	.....	8.14	.....	3.55	.....	3.32	.....	.....	.....	.....	.....	.....	.....
yetteville	2.63	-0.36	0.61	-1.93	2.97	-1.11	1.59	-2.93	1.60	-4 01	2.98	-1 59	2.96	-1.16	3.36	-0.85	10.61	+7.43	8.08	+4.89	2 95	-0.83	2.87	+0.26	42.51	- 2.19
ort Smith	3.67	+1.16	1.32	-1.42	2.80	-0.82	1.86	-2.04	2.86	-2.05	4.13	+0.13	3 64	-0.20	2.70	-0.90	6.83	+3.66	9.04	+6.21	1 41	-1.57	3.28	+0.40	43.54	- 2.20
reeman Springs	4.24	.....	2.46	.....	5.25	.....	2.90	.....	2.33	.....	2.38	.....	2 93	.....	4.36	.....	8.91	.....	8.72	.....	4 50	.....	5.88	.....	54.86	.....
ulton	4.27	+0.18	1.65	-1.36	6 85	+2 28	4.13	-0.30	4.78	+0.21	5.98	+1.15	5.89	+0.48	4.86	+1.94	1.00	1.44	4.91	+2.54	1 64	-1 87	8.51	+4.20	51.57	+ 8.01
eorgetown	5.91	+0.42	1.80	-1.48	4.90	-0.83	1.77	-3.98	1.25	-2.68	3.82	+0.37	1.91	--0.73	4 10	-0.12	2.59	-1.39	2.49	-1.64	3 73	+0.14	9 16	+4.89	43.43	- 7.03
ilbert	3.50	.....	1.74	.....	4.02	.....	2.41	..	2.61	.....	1.45	.....	1.64	.....	7.58	.....	7.52	.....	4.35	.....	4.35	.....	2.53	.....	43.70	.....
rady	5.92	....	2.30	.....	7.20	.....	3.67	.....	2.26	.... .	1.37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
rannis	5.64	.....	2.57	.....	5.49	.....	4.63	.....	3.59	.....	4.44	.....	4.52	..	1.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ravette	2.48	-0.02	1.46	-0.38	3.70	0.00	2.31	-1.77	4.87	-0.65	6.08	+0.67	4.31	+0.12	6.19	+2.21	11.10	+7.69	4.95	+1.91	2.08	-0.93	3.46	+1.27	53.02	+10.12
arrison	2.90	+0.01	1.50	-1.10	3.58	+0.41	1.42	-3.18	2.65	-2.44	3.47	-0.51	1.29	-3.03	8.87	+5.15	8.85	+5.26	6.45	+3.76	4.04	+1.25	3.11	+0.61	48.13	+ 6.19
elena	5.28	-0.09	2.57	-2.14	7.63	+1.45	2 61	-3.07	1.21	-3.28	2.80	-1.13	0.61	-3.19	4.27	+0.43	5.40	+1.97	5.34	+2.78	3.37	- 1.12	8.64	+3.70	49.73	- 3.69
iigden	4.51	.....	2.59	.....	5.50	.....	3.23	.....	1.12	.....	1.40	....	3 88	.....	6.41	.....	3 68	.....	6.69	.....	3.77	.....	7 08	.....	49.86	.....
lope	5.78	+0.80	1.43	-2.56	6.82	+1.52	4.67	-0.79	3.62	-1.59	1.44	-2.45	3.47	-1.05	5.68	+2.08	1.38	-1.61	7.84	+4.49	2.53	-1.94	7.88	+3.54	52.54	+ 0.44
lot Springs	5.73	+0.97	2.21	-1.41	6.32	+1.04	4.08	-1.94	1.94	-3.71	3.38	-1.20	4.53	+0.10	3.02	-0.88	2.34	-1.13	4.64	+1.53	3.15	-1.14	11.04	+6.86	52.19	- 0.91
luttig	4.79	+0.23	1.15	-2.99	5.95	+0.28	2.06	-3.30	2.55	-3.42	2.70	-1.65	.....	.....	6 81	+2.46	0.42	-2.29	.....	.....	2 34	-1.00	.....	.....	.....	.....
ndex	4.26	.....	1.91	.....	6.82	.....	4.11	....	3.28	.....	2.74	.....	6.51	.....	4.61	.....	1.80	.....	6.97	.....	2.07	.....	8.00	.....	53.08	.....
onesboro	6.13	+0.90	1.64	-2.22	4.77	-0.14	2.11	-2.69	1.02	-3.21	3.14	-4.56	3.85	+0.29	7.55	+4 01	2.16	-1.33	3.22	-0.11	2.90	-0.56	7.11	+2.49	45.60	- 3.13
unction	3.76	-0 14	.....	.....	7.33	+2.34	3.14	-1.73	4.57	+0.01	3.55	-0.41	6.43	+2.36	2.22	-1.34	2.67	+0.39	.....	.....	.....	.....	5.64	+1.87	.....	.....
ambrook	4.70	.....	1.74	.....	5.18	.....	1.75	.	0.65	.....	1.86	.....	1.50	....	5.52	.....	2.43	..	6.62	.....	3.17	....	7.68	.....	42 80	.....
ITTLE ROCK	4.42	-0.37	3.52	-0.66	5.11	+0.17	3.11	-1.40	1.56	-3.54	1.47	-2.62	3 4-	-0.57	3 99	+0.34	1.19	-2.07	3.99	+1.44	3 16	-1.43	9.46	+5.22	44.40	— 5.49
urton	.....	.....	.....	.....	.....	.....	1.07	.....	3 49	.....	4.01	.....	5.06	..	5.76	..	14.55	..	6.73	.....	5.54	...	4.50	.....	.....	.....
utherville	3 67	+0.23	1.86	-1.21	5.31	+0.54	2.95	-1.51	1.83	-3.24	1.85	-2 62	8.03	+4.53	5.04	+0.87	8.69	+5.24	7.61	+3.93	3.76	+0.33	6.85	+3.31	57 45	+11.40
cGehee	3.82	.....	1.97	.....	6.64	.....	1.98	.....	6 18	....	2.31	.....	2 97	.....	2.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
agnolia	5.69	.....	1.52	.....	8.78	.....	3.39	.....	3.26	.....	2.13	.....	3 62	.....	3.80	.....	1.25	... .	4.12	.....	1.82	.....	6.60	.....	45.98	.....
alvern	5.34	-0.15	2.55	-0.95	6.36	+1.11	3.02	-2.15	1.09	-3.51	5.65	+3.49	2.87	-0.58	3.19	-0.46	2.36	-0.82	4.82	+2.11	2.57	-2.01	9.20	+4.50	49.02	- 1.42
ammoth Spring	3.63	+0.24	2.89	+0 25	5.09	+0.23	3.05	-2.17	2.10	-2.20	1.66	-2.66	2 53	-1.04	12.91	+8.47	6 30	+2.69	4.92	+2.07	4.38	+1.06	4.05	+0.97	53.51	+. 7.91
arianna	4.49	-0.29	2.39	-1.53	5.25	-0.43	1.40	-2.47	0.67	-4.26	3.72	-0.80	1.86	-1.84	6.24	+3.63	1.27	-1.97	4.86	+0.17	3.25	+0.25	8.38	+3.82	43.78	- 4.72
arked Tree	6.06	+0.57	1.66	-1.80	5.36	+0.35	1.98	-3.61	1.90	-2.79	1.78	-1.15	5.51	+2 11	7.09	+3.12	1.05	-1.39	3 64	-0.62	4 06	-0.44	8.52	+4.04	48.61	- 1.61
arshall	3.26	-0.58	1 24	-0.98	5.23	+0 98	2.96	-3.14	2.35	-3.77	1.60	-2.30	6.04	+2.77	11.26	+6.46	8.09	+4 21	5.93	+3.22	4 51	+0.62	5.50	+1.87	57.97	+ 9.36
ena	4.73	+0.94	2.18	-1.03	5.16	+0.19	1.89	-1.87	4.45	-2.02	3.33	-1 51	4.29	+0.24	4.72	-0.18	2.71	-0.88	8.04	+4.67	2 58	-0.88	6.99	+3.12	51.07	+ 0.79
ena	.....	.....	.....	.....	5.65	.....	2.89	.....	1.46	.....	1.35	.....	2.47	.....	5 20	....	2.44	.....	6.22	.....	3 53	.....	6.97	.....	.....	.....
orrillton	.....	.....	.....	.....	.....	.....	.....	.....	.....	-1.51	.....	.....	.....	.....	7.05	+3.15	7.59	-3.53	4.67	+1.22	3.53	+0.64	4.07	+0.50	.....	.....
Mountain Home	1 87	-0.78	1.22	-1.16	4.79	+0.28	2.29	-1.91	3.95	-2.47	1.49	-3.15	4.06	+0.54	2.52	-1.21	6.32	-3.13	6.19	+2.54	2 64	-1.40	8.07	+3.88	52.16	+ 0.43
Mount Ida	6.00	+1 69	2.41	-1.71	5.60	+ 0.79	3.51	-2.20	3.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Murfreesboro	5.41	+2 31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	5.6	+0.70	1.37	-2.25	4.24	-0.65	1.93	-3.06	1.46	-2.81	0.79	-2.85	2.55	-0.61	6.39	+2.91	2.34	-1.41	4.14	+1.47	3 31	-1.09	5.81	+1.95	39.95	- 7.70
sceola	5.41	+0.26	1.41	-2.31	.....	.....	3.28	-0.98	0.48	-4.30	1.57	-1.89	3.50	-0.06	7.61	+1.78	1.07	-1.59	3.13	+0.88	3 01	-1.84	8.68	+0.53	.....	.....
zark	2.19	-0.30	1.57	-0.98	4.18	+0.03	3.60	-1.94	3.16	-2.38	4.06	-0.21	5.11	+1.76	3.48	-0.58	8.89	+5.90	8.25	+5.40	3.17	-0.01	4.14	+0.90	50.80	+ 7.59
atterson	6.24	-2.25	2.02	-0.97	5.80	-0.81	2.33	-3.98	1.07	-3.60	2.61	-1.49	4.48	+1.32	4.46	+1.73	2.20	-0.56	2.87	-1.32	5.09	+0.07	10.54	+6.44	50.31	- 0.92
iggott	4.12	.....	1.82	.....	3.99	.....	2.51	...	3.00	.....	1.67	.....	6.24	....	11.82	.....	1.75	.....	3.39	.....	4.14	.....	6.02	.....	50.47	.....
indall	3.32	.....	1.78	.....	3 68	.. .	1.99	..	2.69	.....	2.47	.....	3.48	...	6.93	.....	8.02	.....	4.95	.....	3.73	.....	2.53	.....	46.57	.....
ine Bluff	6.59	+1.55	2.71	-1.29	7.55	+2.04	3.55	-1.95	1.10	-3.48	1.89	-1.98	2.39	-1.13	4.05	+0.71	3.03	-0.58	6.81	+4.20	2.43	-1.75	9.03	+4.06	51.13	+ 0.39
ocahontas	4.93	+0.69	2.11	-1.16	4.75	+0.10	1.70	-3.08	2.96	-1.53	1.34	-2.61	3.03	-1.49	9.90	+5.34	4.13	+0.55	3.52	+0.70	5 18	+1.67	6 03	+2.39	49.58	+ 1.57
ortland	3.14	-1.91	2.55	-1.74	4.97	- 0.29	2.01	-3.29	2.32	-4.02	1.08	- 3.06	2.83	-1.67	3.08	-0.89	0.54	-2.21	2 54	-0.20	3.98	+0.38	12.43	+6.93	41.47	-11.97
rescott	3.70	--0.64	1.86	-1.66	7.38	+2.77	3.86	- 1.53	3.04	-1.96	2.91	-0.83	3.71	+0.59	5.21	-1.83	2.86	-0.12	6.52	+4.03	2.83	-0.63	6.17	+2.06	50.05	+ 3.88
rinceton	5.42	+1.13	2.64	-1.20	7.96	+2.84	1.99	-3.53	1.67	-3.52	4.45	+0.30	1 41	-2.98	0.72	-2.62	2.01	-1.82	9.69	+6.91	2 69	-1.27	8.13	+2.79	48.78	- 2.47
ison	6.46	+1.12	1.97	-1.17	7.18	+1.87	2.90	-1.67	3.42	- 0.23	0.98	-2.97	3 51	+0.01	3.95	+0.58	2.20	-1.17	8.60	+5.72	2.03	-1.35	7.25	+3.54	50.28	+ 4.31
ogers	3.13	+0.67	0.96	-0.92	2.71	-0.88	2.23	-2.12	2.11	-3.07	4.94	+0 33	4.50	+0.39	7.74	+4.18	7 89	+4.39	6.62	+3.81	2.54	-0.39	3.58	+1.28	48.95	+ 7.67
earcy	5.70	+1.52	2.42	-1.13	2.04	- 3.43	1.66	-3.78	1.77	-3.08	2.07	-1.43	1.41	-1.08	5.36	+1.63	2.19	-1.10	3.52	+0.33	3.83	-1.65	7.49	+2.77	39.46	-10.43
Springbank	5.18	+1.18	2.10	-1.57	9.23	+4.44	4.42	-3.00	3.71	-0.53	2.77	-1.59	4.83	+1.25	2.34	-1.85	1.40	-1.90	5.11	+2.05	2.72	-1.35	8.53	+3.68	51.74	+ 0.81
tory	2.75	.....	2.77	.....	4.96	.....	3.69	.....	2.68	.....	1.71	.....	4.08	.....	2.09	.....	3.59	.....	5.88	.....	3.68	.....	7.61	.....	45.49	.....
tuttgart	7.00	+2.09	2.66	-0.95	7.22	+1.45	2.09	-3.13	2.03	-2.66	2.16	-1.95	1.04	-2.84	5.47	+1.89	2.56	-0.88	6.71	+3.78	2.22	-1.77	9.24	+4.53	50.40	- 0.44
ubiaco	4.03	+0.83	1.38	-1.31	3.18	+0.37	1.57	-2.71	1.55	-4.03	2.14	-1.83	3.81	+0.43	3.29	-0.59	4.39	+1.15	6.37	+3.28	2.27	-0.85	4.31	+1.33	38.29	- 3.93
exarkana	4.71	+1.47	1.75	-1.19	6.93	+2.74	5 81	+0.58	4.96	+0.86	2.87	-0.76	6.49	+3.07	4.75	+1.55	1.53	-1.20	12.08	+9.37	2.13	-1.02	8.67	+5.14	62.68	+20.61
horndurg	5.70	.....	2.80	.....	5.50	.....	.....	... ..	1.85	.... .	2.69	... ..	3.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.82	.....	.....	.....
aldron	4.34	.....	1.53	.....	4.66	.....	2.22	.....	3.38	.....	3.77	.....	6.21	.....	2.57	.....	4.23	.....	6.25	.....	4.49	... ..	4.51	.....	48.16	.....
arren	4.82	—0.73	2.10	—2.18	7.74	+2.16	3.25	-2.10	3.82	-0.77	3.50	-0.48	3.02	-0.41	2.13	-2.07	2.03	-2.15	6.08	+2.59	4.08	+0.11	8.30	+2.87	49.87	- 3.16
Waters	4.90	.....	2.35	.. ...	7.55	...	2.63	.....	4.35	.....	4.14	.....	1.91	.....	3.51	.....	1.94	.....	7.31	.....	3.06	....	8.35	.....	52.00	.....
Whitecliffs	5.14	+2.02	2.74	—0.28	6.12	+1.93	4.60	—1.51	4.44	—2.46	1.49	—2.02	4.58	+2.44	2.57	—0.84	2.58	+0.19	6.45	+3.47	2.06	—0.88	9.55	+5.66	52.32	+ 9.72
Wilson	.....	.....	.....	.....	.....	.....	3.18	.....	0.60	....	3.64	.....	5.72	.....	8.41	.....	0.57	.....	4.54	... ..	3.86	.....	7.82	.....	.....	.....
Wynne	5.67	+0.94	2.04	-1.50	5.93	+0.99	1.33	-4.26	1.40	-3.06	2.86	-0.69	4.19	+0.41	6.25	+2.27	0.92	-2.51	4.41	+0.52	3.62	-0.03	10.24	+5.48	48.94	- 1.44
Yancopin	4.18	.... .	1.95	.....	6.98	.....	1.86	.....	1.98	.....	1.23	.....	1.19	.. . .	5.08	.....	1.79	.....	4.27	.....	2.85	.....	8.98	.....	42.04	.....

Departures from the normal precipitation are based on records of ten or more years.


95
94
93
92
91
90
36
35
34
33
Gravette
Bentonville
Rogers
BENTON
Eureka Springs
CARROLL
BOONE
Harrison
Dodd City
BAXTER
Mammoth Springs
Mountain Home
FULTON
Hardy
RANDOLPH
Pocahontas
Corning
CLAY
Fayetteville
WASHINGTON
Lincoln
MADISON
Pindall
NEWTON
SEARCY
Marshall
MARION
IZARD
Calico Rock
SHARP
Evening Shade
Black Rock
LAWRENCE
GREENE
Dutton
Nail
STONE
Arlberg
Batesville
White
INDEPENDENCE
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
CRAWFORD
FRANKLIN
Ozark
JOHNSON
Okay
VAN BUREN
Clinton
Higden
CLEBURNE
Newport
JACKSON
POINSETT
Marked Tree
Fort Smith
Arkansas
Subiaco
Lutherville
POPE
Bee Branch
Heber Springs
Dam No. 1
CONWAY
WHITE
Searcy
Patterson
WOODRUFF
CROSS
Wynne
CRITTENDEN
River
SEBASTIAN
LOGAN
Booneville
Dardanelle
Morrilton
FAULKNER
Conway
Georgetown
Danville
ST. FRANCIS
YELL
PERRY
Waldron
Umphers
SCOTT
PULASKI
LONOKE
PRAIRIE
Little Rock
Brinkley
Clarendon
MONROE
LEE
Marianna
Helena
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
SALINE
England
Stuttgart
Mena
POLK
Grannis
HOT SPRINGS
Malvern
Sheridan
GRANT
JEFFERSON
Pine Bluff
ARKANSAS
PHILLIPS
Snow Lake
Mississippi
HOWARD
PIKE
Amity
Murfreesboro
Arkadelphia
SEVIER
CLARK
Princeton
Rison
DALLAS
CLEVELAND
LINCOLN
Dumas
White Cliffs
Prescott
DESHA
LITTLE RIVER
HEMPSTEAD
Hope
Fulton
NEVADA
OUACHITA
Camden
CALHOUN
Warren
DREW
Arkansas City
Red
River
Texarkana
MILLER
LAFAYETTE
Magnolia
COLUMBIA
El Dorado
Ouachita
River
BRADLEY
Portland
CHICOT
ASHLEY
Spring Bank
Junction
UNION
Huttig
ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.



COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
.....	G. C. Thrash	Dodd City	Neal Dodd	Index.	H. G. Sanderson	Pindall	W. W. Wood
elphia.....	F. J. Carpenter	Dumas	Ben Johnson	Jonesboro	Benedictine Sisters	Pine Bluff	Miss Theresa Scheu
sas City	Carl R. Cutting	Dutton	J. M. Ricketts.	Junction	J. A. Lauderbach	Pocahontas	Benedictine Sisters
g	J. D. Reeves	El Dorado	J. J. Babb	Lambrook	Gerard B. Lambert Co.	Portland	W. E. Edmiston
lle.....	Mrs. Lelia I. Teter	England	Dr. R. H. Hardin	Little Rock.....	U. S. Weather Bureau	Prescott	C. D. Calhoun
ranch.....	J. E. Scanlan	Eureka Springs.....	Geo. W. Nichoalds	Lurton	I. C. Sutton	Princeton.....	Foote Coleman
nville.....	U. S. Weather Bureau	Evening Shade.....	B. F. Graddy	Lutherville.....	H. G. Lenhardt	Rison	Mrs. M. V. Tisdale
Rock.....	Vernon C. Howe	Fayetteville	University of Ark.	Magnolia	State Agr. School	Rogers	Carl A. Starck
eville.....	J. Mell Brooks	Fort Smith.....	U. S. Weather Bureau	Malvern	Mrs. W. L. Matthews	Searcy	J. T. Bell
ville	F. H. Randolph	Freeman Springs ...	J. R. Mc Cuiston	Mammoth Spring...	F. M. Daniel	Springbank.....	Miss Grace Field
ley	H. L. D. Whitson	Fulton	T. J. Logan	Marianna	C. N. Houck	Story.....	S. C. Story
Rock....	W. J. Copp	Georgetown	W. R. Owens	Marked Tree.....	Chas. W. Walton	Stuttgart.....	A. F. Buerkle
en.....	A. B. Quarterman	Gilbert.....	Ben. F. Battenfield	Marshall	A. J. Parks	Subiaco.....	New Subiaco Abbey
Point	John C. Floyd	Grady.....	O. C. Des Jardin	Mena.....	E. W. St John	Texarkana.....	H. S. Brashear
ndon	J. W. Bishop	Grannis	W. E. Mc Vay	Morrillton	John Cook	Thornburg.....	Edward E. Holmes
n	A. L. Stephens	Gravette	A. F. Stevens	Mountain Home	B. S. Halbert	Waldron.....	Dr. Cheves Bevil
ay	E. E. Cordrey	Harrison.....	G. L. Wright	Mount Ida	G. A. Whittington	Warren	W. L. Shide
ng.....	Winfred D. Polk	Helena	James A. Burnett	Newport	A. C. Wilkerson	Waters.....	J. R. Huddleston
ng (River)....	Henry Stafford	Higden	George W. Baker	Osceola	June Thomason	Whitecliffs	Miss N. O. Schirmer
No. 1.....	J. O. Yingling	Hope....	N. P. O'Neal	Ozark.....	Isham Burrow	Wilson.....	M. W. H. Collins
lle	C. P. Evans	Hot Springs	P. P. Patraw	Patterson.....	W. E. Baker	Wynne	E. O. Allen
nelle	G. N. Goodier, Jr.	Huttig	J. L. Collett	Piggott	H. H. Harlan	Yancopin.....	W. E. Barton

EXCESSIVE PRECIPITATION FOR 1926

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																			
Apr. 23	5:25 p.m.	6:50 p.m.	0.37	6:25 p.m.	6:35 p.m.	0.02	0.16	0.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 30	9:58 a.m.	12.04 p.m.	0.53	10:05 a.m.	10:19 a.m.	0.02	0.11	0.29	0.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 31	5:50 p.m.	6:40 p.m.	0.79	5:57 p.m.	6:28 p.m.	0.01	0.17	0.29	0.46	0.53	0.58	0.77	0.78	.....	.....	.....	.....	.....	.....
June 2	9:29 a.m.	12:43 p.m.	1.43	11:59 p.m.	12:24 p.m.	0.75	0.05	0.25	0.48	0.60	0.65	.....	.....	.....	.....	.....	.....	.....	.....
June 15	5:28 p.m.	7:15 a.m.	1.49	5:28 a.m.	6:29 a.m.	0.00	0.08	0.17	0.30	0.55	0.76	0.95	1.01	1.13	1.20	1.25	1.40	1.48	.....
July 25–26	11:30 p.m	6:45 a.m.	1.94	11:42 p.m.	12:21 a.m.	0.01	0.06	0.18	0.47	0.63	0.84	1.05	1.16	1.20	.....	.....	.....	.....	.....
Aug. 18	12:50 a.m.	D.N. a.m.	0.78	1:26 a.m.	1:53 a.m.	0.04	0.14	0.37	0.46	0.55	0.61	0.70	.....	.....	.....	.....	.....	.....	.....
Aug. 19	1:32 a.m.	D.N. a.m.	0.43	1:35 a.m.	1:54 a.m.	0.01	0.13	0.21	0.29	.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 25	12:10 a.m.	6:15 a.m.	1.44	4:03 a.m.	4:18 a.m.	0.65	0.14	0.23	0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 9	4:50 p.m.	[b]D.N. a.m.	2.71	4:55 p.m.	5:18 p.m.	0.01	0.27	0.33	0.48	0.52	0.56	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 9–10	4:50 p.m.	D.N. a.m.	2.71	11:42 p.m.	12:24 a.m.	1.42	0.16	0.31	0.34	0 38	0.45	0.60	0.71	0.80	0.84	.....	.....	.....	.....
Oct. 29	8:08 a.m.	1:15 p.m	1.63	8:23 a.m.	9:06 a.m.	0.02	0.24	0.39	0.57	0.73	0.84	0.86	0.86	0.92	1.03	.....	.....	.....	.....
LITTLE ROCK, ARK.																			
Feb. 24	3:25 p.m.	D.N. p.m.	1.24	5:58 p.m.	6:19 p.m.	0.56	0.09	0.16	0.34	0.44	0.48	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 2	7:30 p.m.	9:00 p.m.	0.56	8:23 p.m.	8:43 p.m.	0.19	0.19	0.29	0.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 21	3:12 p.m.	4:40 p.m.	0.92	4:05 p.m.	4:16 p.m.	0.37	0.29	0.50	0.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 22	4:32 p.m.	5:42 p.m.	0.96	4:40 p.m.	5:04 p.m.	0.02	0.17	0.38	0.52	0.77	0.85	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 15	12:15 p.m.	5:25 p.m.	0.82	12:27 p.m.	12:51 a.m.	0.03	0.12	0.27	0.42	0.51	0.57	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 18	4:50 a.m.	8:20 a.m.	1.08	5:32 a.m.	6:32 p.m.	0.10	0.15	0.21	0.25	0.32	0.39	0.49	0.51	0.58	0.66	0.76	0.91	.....	.....
Aug. 18	3:50 p.m.	4:40 p.m.	0.90	4:10 p.m.	4:33 p.m.	0.01	0.27	0.55	0.71	0.82	0.88	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 4	8:47 a.m.	10:45 a.m.	0.63	8:49 a.m.	9:20 a.m.	0.01	0.11	0.23	0.27	0.28	0.35	0.50	0.51	.....	.....	.....	.....	.....	.....
Nov. 14	8:53 a.m.	9:00 p.m.	1.66	8:56 a.m.	9:16 a.m.	0.01	0.27	0.40	0.51	0.58	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 25	8:15 p.m.	D.N. p.m.	0.73	8:24 p.m.	8:59 p.m.	0.01	0.07	0.18	0.37	0.47	0 50	0.53	0.68	.....	.....	.....	.....	.....	.....
Dec. 21	[a]6:58 a.m.	2:10 p.m.	5.97	1:52 a.m.	2:27 a.m.	3.67	0.08	0.18	0.36	0.47	0.57	0.64	0.70	.....	.....	.....	.....	.....	.....
Memphis, Tenn.																			
Jan. 21	[a]4:00 p.m.	1:40 p.m.	3.02	1:13 a.m.	1:38 a.m.	0.47	0.17	0.32	0.43	0.53	0.60	.....	.....	.....	.....	.....	.....	.....	.....
Feb. 24	4:07 p.m.	D.N. p.m.	1.90	9:11 p.m.	9:28 p.m.	1.13	0.10	0.24	0.56	0.67	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 8	1:55 p.m.	4:10 p.m.	0.77	2:23 p.m.	2:50 p.m.	0.12	0.21	0.37	0.48	0.52	0.59	0.64	.....	.....	.....	.....	.....	.....	.....
Aug. 14	3:07 p.m.	6:30 p.m.	0.75	3:42 p.m.	4:00 p.m.	0.01	0.07	0.25	0.38	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 18	7:28 p.m.	8:00 p.m.	0.76	7:30 p.m.	7:51 p.m.	0.01	0.26	0.32	0.52	0.71	0.75	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 25	9:05 p.m.	D.N. p.m.	1.10	10:27 p.m.	10:56 p.m.	0.51	0.11	0.22	0.31	0.43	0.46	0.56	.....	.....	.....	.....	.....	.....	.....
Dec. 21	[a]8:32 a.m.	4:00 p.m.	4.41	7:21 a.m.	7:57 a.m.	2.82	0.05	0.13	0.24	0.31	0.38	0.44	0.55	0.60	.....	.....	.....	.....	.....

[a] On previous date. [b] On following date.

MISCELLANEOUS PHENOMENA, 1926

Number of reports and number of days on which reported

Month	Hail, moderate		Hail, heavy		Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Solar Halos		Lunar Halos		Light Haze		Killed by Lightning
	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Dates	Killed	Injured	Damage	Reports	Days	Reports	Days	Reports	Days	
January	....	....	....	....	28	8	15	9	1	1	....	....	.....	.....	.....	.. ..	.....	.....	.....	.....	7	3	5	2	.....	.....	....
February	....	....	....	....	71	9	3	3	7	3	....	....	‡	1	¶	1	24	5	15	$70,000	5	5	6	5	.....	.....	.....
March	....	....	....	....	104	16	2	2	3	3	..	....	.....	.....	.....	.....	.....	.....	.....	.....	4	3	1	1	‡	2	....
April	1	1	1	1	177	19	3	3	3	2	....	...	‡	1	$60,000	1	23	0	0	30,000	.....	.....	.....	.....	.....	.....	1
May	3	2	6	3	268	22	....	....	....	....	....	....	2	2	500	.....	.....	.....	.....	.....	4	4	1	1	.....	.....	.....
June	....	....	1	1	242	25	..	....	....	....	....	....	.....	.....	.....	.....	.....	.....	.....	.....	11	10	2	2	.....	....	.. ..
July	....	....	3	2	384	22	5	4	...	....	....	....	.....	.....	.....	.....	.....	.....	.....	.....	5	4	.....	.....	.....	.....	.....
August	....	....	....	...	476	27	11	9	....	....	....	....	.....	.....	.....	1	17	2	11	15,000	5	5	3	2	.....	.....	2
September	....	....	....	...	133	21	14	7	....	....	....	....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....
October	....	....	....	....	144	20	8	6	....	....	....	....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	.....	.....	.. .	.....	....
November	....	....	....	....	116	14	....	....	9	4	....	....	.....	.....	.....	26	25	53	211	627,000	7	5	.....	.....	.....	.....	.....
December	....	.. .	....	....	33	9	13	8	34	7	....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....
Year	4	3	11		2200	212	74	51	57	20	0	0	.....	4	... .	29	4	60	237	715,000	52	42	20	15	.....	2	3

‡ Throughout State. ¶Several thousand dollars

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1926

Month	Temperature, in degrees Fahrenheit				Precipitation, in inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Amt. Snow	Greatest local amount	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	40.5	— 0.6	77	—17	4.69	+0.59	3.7	9.18	7	13	6	12	sw.
February	48.5	+ 5.7	88	10	2.02	—1.33	1.0	3.52	3	15	4	9	se.
March	48.5	— 4.2	86	11	5.57	+).83	1.8	9.23	9	13	6	12	nw.
April	59.1	— 2.3	94	18	2.65	−2.23	T.	5.81	7	15	6	9	s.
May	69.7	+ 0.7	107	29	2.42	−2.60	0.0	6.18	7	17	8	6	s.
June	77.6	— 0.5	104	42	2.60	−1.42	0.0	6.08	6	17	8	5	s.
July	79.8	— 0.2	109	42	3.55	−0.27	0.0	8.03	8	17	9	5	sw.
August	80.7	+ 1.0	110	47	5.50	+1.81	0.0	12.91	10	14	10	7	s.
September	76.8	+ 2.6	101	40	3.99	+0.56	0.0	14.55	7	14	8	8	s.
October	64.9	+ 2.7	99	23	5.77	+2.80	0.0	12.08	8	15	5	11	s.
November	47.2	— 4.4	81	10	3.33	−0.32	2.9	5.59	6	14	5	11	n.
December	43.3	+ 0.8	79	— 3	7.15	+3.10	3.1	7.15	10	11	4	16	n.
Annual	61.3	+ 0.1	101	—17	49.24	+1.52	12.5	14.55	88	175	79	111	...

CORRECTIONS 1926

Arkansas City: April, Precipitation departure should be −2.85 inches. Brinkley: August Temperature departure should be +2.9. Dumas: February, Temperature departure should be +2.8. England: March Precipitation departure should be +0.25. Gravette: November Temperature departure should be −4.6. Lutherville: March Temperature departure should be −6.0. Lutherville: September Precipitation departure should be +5.24. Mammoth Spring: September Precipitation departure should be +2.69. Marianna: September Precipitation departure should be −1.97. Marked Tree: September Precipitation departure should be −1.39. Marshall: September Precipitation departure should be +4.21. Mena: September Precipitation departure should be −0.88. Mena: December Temperature departure should be −0.5. Mountain Home: September Precipitation departure should be +3.53. Mount Ida: September Precipitation departure should be +3.13. Newport: September Precipitation departure should be −1.41. Osceola: September Precipitation departure should be −1.59. Prescott: August Precipitation departure should be +1.83. Rison: June Temperature departure should be +3.1. Rison: September Temperature departure should be+4.5. Stuttgart: March Precipitation departure should be +1.45. Stuttgart: May Precipitation departure should be −2.66. Warren: March Precipitation departure should be +2.16. Warren: September precipitation departure should be −2.15. Amity: December Mean temperature should be 46.4, departure +3 6. Marshall: December Mean temperature should be 40.2, departure should be −2.6 Searcy: Date highest temperature should be 4t. Wilson: December Highest Temperature should be 76 on the 4th, Precipitation the 24th should be T. Portland: December Precipitation 26th, T. ; 27th, 0; 28th, 2.31. Lutherville: December Precipitation 14th should be T. ; total 6.85; departure +3.31. Morrillton: December Precipitation entry 19th should be *; rainy days 8. Stuttgart: December Snowfall on 14th should be 0.5 inch, total 0.5.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

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CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., JANUARY, 1927 No. 1

GENERAL SUMMARY

The outstanding characteristic of the weather in Arkansas during January, 1927, was the almost continuous sunshine from the 1st to the 12th and almost continuous rain after the 17th. Although unusual, similar long periods of fair weather have occurred during January, in 1914 for example, very little rain occurred until the 24th day of the month and in 1923 little rain occurred during the first half of the month. Beginning with the 18th light to moderate rain was of almost daily occurrence and for nearly two weeks practically no sunshine occurred. The continuous rain brought flood, or near flood, stages on all streams, the Little Red at Judsonia being near a record high stage. The total property damage in Arkansas from these floods is estimated at over $200,000. Dirt roads were practically impassable in many sections of the State at the close of the month. This was the warmest and the wettest January since 1923, but neither the temperature nor precipitation extremes were record breaking, the temperature averaging only 1.5° and the precipitation 1.31 inches above normal.

During the first half of the month out door work was carried on, considerable cotton being picked in northeastern sections of the State, but during the latter half everything was at a stand still and in the lowlands all effort was towards moving people and livestock to places of safety and the re-enforcing of levees. Meadows, pastures, and all winter grains made satisfactory progress except where flooded. Fruit buds remained dormant. W.C.H.

TEMPERATURE

The mean temperature for January, as determined from the records of 57 stations, was 42.6° which is 1.5° above normal, practically all sections showing positive departures. The highest monthly mean was 54.3° at Huttig, the lowest, 36.6° at Lurton, a difference of 17.7° between northwestern and southern sections of the state. Extremes ranged from 79° at several stations on the 2d and later dates to 1° below zero at Dutton on the 15th. The lowest occurred in practically all localities on the 15th, the highest on different dates. The greatest daily range was 50° at Calico Rock on the 3d.

PRECIPITATION

The average precipitation for the State, as determined from the records of 82 stations, was 5.41 inches which is 1.31 inches above normal. Negative departures occurred at several southern and southeastern stations, positive at all northern stations. Practically all the precipitation occurred the 13th and from the 18th to the 30th. Monthly totals ranged from 10.72 inches at Lutherville to 1.98 inches at Portland. The greatest amount measured in 24 consecutive hours was 4.39 inches at Lutherville on the 22d. The average number of days with 0.01 inch or more precipitation was 10.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---13th, 1; 17th, 1; 18th, 2; 19th, 5; 20th, 5; 21st, 14; 22nd, 6; 23rd, 3; 29th, 2.

SOLAR HALOS:---16th, 1.

LUNAR HALOS:---16th, 1.

DENSE FOG:-----13th, 1; 17th, 2; 18th, 3; 19th,, 6; 20th, 5; 21st, 3; 23d, 1; 24th, 2; 25th, 2; 28th, 1; 29th, 2; 30th, 1.

GLAZE---19th, 2; 20th, 2; 22nd, 7; 23d, 14.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.11	30.82	14	29.67	29	4,737	25	nw.	9	.....	.....	54
Fort Smith.	30.21	30.85	14	29.70	29	6,253	31	w.	13	81	70	58
Little Rock.	30.22	30.80	18	29.78	3	6,659	33	nw.	9	77	67	47
Memphis.	30.22	30.79	15	29.73	3	6,685	35	n.	9	76	66	46

COMPARATIVE DATA FOR JANUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.1**		**86**		**-23**		**4.10**		**12**	**6**	**13**	**7**
1891	41.6	+0.5	71	26	13	13	5.34	+1.24	10	6	15	10
1892	34.7	−6.4	74	29	−14	19	2.48	−1.62	18	5	8	6
1893	38.5	−2.6	80	27	−13	19	1.13	−2.97	17	8	6	2
1894	43.5	+2.4	77	16	−22	24	3.63	−0.47	13	8	10	7
1895	36.9	−4.2	78	6	− 5	12	5.19	+1.09	9	6	16	8
1896	41.4	+0.3	78	31	4	4	4.09	−0.01	10	6	15	8
1897	38.9	−2.2	76	1	− 2	27	6.78	+2.68	13	5	13	8
1898	45.5	+4.4	81	10	10	2	7.93	+3.83	10	8	13	9
1899	39.3	−1.8	75	13	− 9	31	5.91	+1.81	12	6	13	7
1900	43.4	+2.3	78	24	1	29	2.09	−1.41	13	7	11	7
1901	45.6	+4.5	78	14	7	1	2.21	−1.89	16	7	8	5
1902	38.0	−3.1	79	9	2	26	4.13	+0.03	11	6	14	8
1903	40.2	−0.9	80	29	7	12	2.60	−1.50	13	8	10	6
1904	38.9	−2.2	75	20	− 5	26	3.81	−0.29	15	8	8	6
1905	33.3	−7.8	73	1	13	15	4.58	+0.48	12	8	11	6
1906	43.1	+2.0	82	18	− 2	23	5.19	+1.09	14	5	12	6
1907	49.2	+8.1	82	7	− 8	26	5.80	+1.70	8	7	16	11
1908	41.7	+0.6	78	2	6	16	3.75	−0.35	14	7	10	7
1909	43.8	+2.7	82	25	−19	12	1.79	−2.31	4	7	20	6
1910	41.8	+0.7	78	1	− 7	7	2.59	−1.51	16	6	9	6
1911	47.6	+6.5	86	31	− 9	3	1.02	−3.08	8	10	13	6
1912	34.3	−6.8	79	26	−16	7	3.01	−1.09	13	10	8	6
1913	44.0	+2.9	78	5	− 1	8	8.45	+4.35	12	7	12	10
1914	46.6	+5.5	82	19	7	31	1.57	−2.53	13	9	9	4
1915	39.3	−1.8	74	14	− 3	28	4.38	+0.28	10	6	15	8
1916	44.3	+3.2	82	11	− 6	14	9.39	+5.29	8	4	19	12
1917	44.0	+2.9	82	29	− 4	14	3.66	−0.44	11	5	15	7
1918	27.3	−13.8	80	25	−23	13	4.39	+0.29	13	4	14	8
1919	41.4	+0.3	75	13	− 3	4	3.00	−1.10	16	5	10	6
1920	39.6	−1.5	82	20	11	4	6.49	+2.39	12	4	15	8
1921	46.9	+5.8	85	29	6	14	2.07	−2.03	11	6	14	6
1922	39.1	−2.0	74	4	4	19	2.63	−1.47	8	5	18	7
1923	48 6	+7.5	80	14	15	23	5.78	+1.68	14	5	12	9
1924	36.1	−5.9	79	31	− 6	5	3 19	−0.91	15	3	13	7
1925	40.8	−0.3	76	6	− 4	28	2.68	−1.42	14	4	13	8
1926	40.5	−0.6	77	20	−17	23	4.69	+0.59	13	6	12	7
1927	42.6	+1.5	79	2	− 1	15	5.41	+1.31	14	3	14	10

Climatological Data for January, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	46.5	+3.4	74	5	14	15	40	2.63	−1.88	1.03	0.0	7	15	1	15	ne.	G. C. Thrash
Arkadelphia	Clark	250	31	.....	.....	.....	.....	.....	.....	.....	5.44	+1.47	2.27	0.0	13	15	1	15	n.	F. J. Carpenter
Arkansas City	Desha	145	43	.....	.....	.....	.....	.....	.....	.....	2.03	−2.67	1.18	0.0	9	15	1	15	.....	Carl R. Cutting
Arlberg	Stone	700	5	.....	.....	.....	.....	.....	.....	.....	9.68	.....	3.87	0.0	9	13	5	12	.....	J. D. Reeves
Batesville	Independence	277	28	38.2	−0.6	68	4	6	15†	41	8.80	+4.61	2.12	0.0	13	14	0	17	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	35	40.1	−1.2	68	5†	7	15	35	6.41	+2.31	2.00	0.0	10	14	3	14	n.	J. E. Scanlan.
Bentonville	Benton	1303	22	37.3	+3.2	70	5	3	15	36	3.33	+0.70	1.42	1.0	12	16	4	11	nw.	U. S. Weather Bureau
Black Rock	Lawrence	259	25	.....	.....	.....	.....	.....	.....	.....	7.00	+2.70	2.10	0.0	13	14	0	17	n.	Vernon C. Howe.
Blytheville	Mississippi	252	2	40.2[a]	.....	65[a]	3†	4[a]	15	32[a]	6.20	.....	1.82	0.0	12	12[a]	2[a]	16[a]	n.	J. M. Brooks
Booneville	Logan	465	13	42.6	+2.6	78	5	9	15	46	7.36	+2.53	3.55	0.0	8	15	3	13	w.	F. H. Randolph
Brinkley	Monroe	205	40	43.4	+1.6	71	6	9	15	38	6.47	+1.50	2.40	0.0	11	14	1	16	ne.	R. J. Torry
Calico Rock	Izard	361	23	38.4	+2.2	78	3	7	15†	50	5.92	+2.34	2.59	0.0	11	9	12	10	n.	W. J. Copp
Camden	Ouachita	158	42	45.8	+0.9	76	21	16	15†	46	3.97	−0.63	2.35	0.0	14	11	2	18	ne.	A. B. Quarterman
Center Point	Howard	470	28	46.2	+0.8	72	5	12	15	28	4.07	+0.83	1.56	0.0	11	14	1	16	se.	John C. Floyd
Clarendon	Monroe	200	23	.....	.....	.....	.....	.....	.....	.....	4.61	+0.27	1.80	0.0	13	11	2	18	n.	J. W. Bishop
Clinton	Van Buren	516	6	.....	.....	.....	.....	.....	.....	.....	8.10	.....	2.47	0.0	10	14	4	13	w.	A. L. Stephens
Cold Springs	Scott	1250	1	.....	.....	.....	.....	.....	.....	.....	5.92	.....	2.20	0.0	..	15	2	14	n.	Otto Parker
Conway	Faulkner	309	44	42.0	0.0	72	5†	10	15	40	5.97	+1.72	1.59	0.0	10	15	2	14	e.	E. E. Cordrey
Corning	Clay	293	34	39.6	+2.3	65	5	40	15	34	9.58	+5.89	2.56	0.0	8	13	5	13	nw.	Winfred D. Polk
Dam No. 1‡‡	White	190	4	.. ...	.....	.....	.....	.....	.....	.....	5.57	.....	1.73	0.0	10	15	1	15	n	J. O. Yingling
Danville	Yell	327	11	.....	.....	.....	.....	.....	.....	.....	7.50	+4.11	2.40	0.0	9	12	4	15	w.	C. P. Evans
Dardanelle	Yell	330	41	42.4	+2.2	71	6†	12	15	40	6.92	+3.63	2.30	0.0	10	15	5	11	ne.	G. N. Goodier, Jr.
Dumas	Desha	162	21	46.0	+3.0	76	21	13	15	40	2.68	−2.31	0.73	0.0	11	12	4	15	n.	Ben Johnson.
Dutton	Madison	1590	24	37.0	+ .1	74	6	−1	15	45	8.35	+4.43	2.64	0.0	10	15	2	14	e.	J. M Ricketts
Eagle Gap	Scott	10.0	1	.....	.....	.....	.....	.....	.....	.....	6.75	.....	1.78	0.0	14	13	0	18	...	Leo Hawthorne
El Dorado	Union	270	26	49.8	+4.0	77	29	17	15	37	2.01	−1.18	0.94	0.0	11	12	4	15	n.	J. J. Babb
England	Lonoke	229	20	44.7[a]	+1.8	75[a]	5†	11[a]	15	41[a]	6.02	+1.96	2.86	0.0	12	13[b]	1[b]	15[b]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	39.2	+1.6	72	5	1	15	34	4.46	+1.38	1.12	0.0	11	12	8	11	se.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	39.2	+1.2	71	6	4	15	38	3.98	+0.99	1.30	0.0	10	16	1	14	s.	University of Arkansas
Fort Smith	Sebastian	457	46	41.4	+1.9	70	6	10	15	32	4.60	+2.09	1.69	0.0	11	15	3	13	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3	.....	.....	.....	.....	.....	.....	.....	8.80	... ..	3.97	T	14	16	2	13	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41	.....	.....	.....	.....	.....	.....	.....	3.32	−0.77	2.07	0.0	8	12	1	18	. ...	T. J. Logan
Georgetown	White	200	15	.....	.....	.....	.....	.....	.....	.....	5.76	+0.27	1.62	0.0	10	13	1	17	n.	W. R. Owens.
Gilbert	Searcy	675	4	.....	.....	.....	.....	.....	.....	.....	7.49	.....	4.20	0.0	9	14	7	10	.....	Ben F. Battenfield
Gravette	Benton	1250	30	37.6	+0.9	71	5	2	15	39	4.60	+2.10	2.09	T.	11	17	3	11	sw.	A. F. Stevens
Harrison	Boone	1362	26	38.8	.....	79	2	2	15	48	3.76	+0.87	1.58	2.0	7	14	6	11	e.	G. L. Wright
Helena	Phillips	193	55	44.0	+1.0	73	22	12	15	36	4.08	−1.29	0.94	0.0	13	13	0	18	n.	James A. Burnett
Higden	Cleburne	445	9	.....	.....	.....	.....	.....	.....	.....	7.07	.....	2.33	0.0	9	13	4	14	w.	Geo. W. Baker
Hope	Hempstead	377	56	46.3	+0.9	76	8	15	15	40	4.16	−0.82	2.56	0.0	8	13	4	14	ne.	N. P. O' Neal
Hot Springs	Garland	600	36	44.5	+1.4	76	6	11	15	37	5.76	+1.00	1.81	0.0	12	14	2	15	.....	P. P. Patraw
Huttig	Union	175	20	54.3[g]	+6.1	79[g]	6†	17[g]	15	43[g]	2.89	−1.58	1.76	0.0	5	10[f]	2[f]	13[f]	sw.	J. L. Collett
Index	Little River	275	2	.....	.....	.....	.....	.....	.....	.....	3.09	.....	1.80	0.0	10	14	1	16	.....	H. D. Sanderson
Jonesboro	Craighead	345	32	39.6	−0.8	67	29	5	15	31	5.84	+0.61	1.44	0.0	13	18	2	11	ne.	Benedictine Sisters
Junction	Union	182	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	..	..	..	..	....	J. A. Lowderback
Lambrook	Phillips	165	4	43.0	.....	72	6†	11	15	48	3.41	....	0.95	0.0	9	14	0	17	.....	G. B. Lambert Co.
Little Rock	Pulaski	357	48	43.0	+1.6	71	6	11	15	32	4.50	−0.29	1.31	0.0	13	14	1	16	n.	U. S. Weather Bureau
Lurton	Newton	2100	2	3.66[b]	.....	69[b]	6	0	15	28[b]	8.53	.....	2.51	T.	14	17	2	12	n.	I. C. Sutton
Lutherville‡‡	Johnson	775	29	40.6	+0.6	72	6	6	15	32	10.73	+7.29	4.39	0.0	10	15	4	12	ne.	H. G. Lenhardt
Magnolia	Columbia	315	8	48.4[c]	.....	76[c]	6†	16[c]	15	39[c]	3.11	.....	1.90	0.0	8	14[c]	3[c]	11[c]	n.	State Agri. School
Malvern	Hot Springs	277	40	44.7	+1.5	75	6	12	15	41	4.80	−0.69	1.70	0.0	12	15	1	15	sw.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	37.8	+1.0	68	3	4	15	42	9.00	+5.61	3.20	0.0	8	16	2	13	n	E. C. Bellamy
Marianna	Lee	235	15	44.2	+4.0	71	21	10	15	38	4.04	+0.74	1.34	0.0	11	12	4	15	n.	C. N. Houck
Marked Tree	Poinsett	229	22	38.6	.....	65	3	7	14	42	5.64	+0.15	1.88	0.0	13	12	5	14	s.	Charles Walton
Marshall	Searcy	1070	13	39.4[d]	+1.0	72[i]	3†	4	15	43[i]	5.90	+2.06	2.70	0.0	9	14	5	12	n.	A. J. Park
Mena	Polk	1185	39	43.0	+1.7	73	6	9	15	34	6.45	+2.66	1.56	0.0	14	14	3	14	nw.	E. W. St. John
Morrillton	Conway	347	6	42.8	.....	72	5	11	15	39	4.74	.....	1.32	0.0	8	15	3	13	ne.	John Cook
Mountain Home	Baxter	800	13	38.2	+1.0	73	3†	4	15	45	7.07	+4.42	4.00	0.0	10	13	2	16	e.	B. S. Halbert
Mount Ida	Montgomery	650	28	42.6	+1.9	78	6	8	15	49	4.97	+0.66	1.45	0.0	9	15	1	15	ne.	G. A. Whittington
Newport	Jackson	231	43	41.2	+2.0	70	4	8	15	34	5.11	+0.19	1.58	0.0	10	13	3	15	s.	A. C. Wilkerson
Oden	Montgomery	800	1	.....	.....	..	..	..	..	..	5.65	....	1.31	0.0	11	16	3	12	.....	Arthur W. Hartman
Osceola	Mississippi	240	29	41.0[b]	+1.2	70[b]	6	6[b]	15	34[b]	5.41	+0.26	2.20	0.0	12	7[c]	8[c]	13[c]	s.	June Thomason
Ozark‡‡	Franklin	450	31	40.7	−0.3	71	6	9	15	39	7.68	+5.19	2.33	0.0	9	16	1	14	e.	Isham Burrow
Patterson	Woodruff	196	11	.....	.....	.....	.....	.....	.....	.....	6.05	+1.36	1.95	0.0	11	15	1	15	n.	W. E. Baker
Pindall	Searcy	1500	5	.....	.....	.....	.....	.....	.....	.....	6.40	.....	2.42	0.0	11	14	5	12	nw.	W. W. Wood
Pine Bluff	Jefferson	215	40	46.0	+2.9	78	6	13	15	39	5.44	+0.40	2.30	0.0	12	14	2	15	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	34	39.4	+1.4	67	3	4	15	39	8.85	+4.61	2.80	0.0	10	12	5	14	n.	Benedicitine Sisters
Portland	Ashley	122	21	49.7	+3.4	79	6	16	15	42	1.98	−3.07	1.33	0.0	4	10	7	14	nw	W. E. Edmiston
Prescott	Nevada	329	39	47.3	+3.2	76	5†	15	15	40	2.50	−1.84	0.83	0.0	10	13	2	16	n.	C. D. Calhoun
Princeton	Dallas	287	21	.....	.....	.....	.....	.....	.....	.....	6.81	+2.52	2.81	0.0	12	12	2	17	. ...	Mrs. F. P. Coleman
Rison	Cleveland	243	26	49.4	+5.8	77	29†	13	15	38	3.20	−2.14	1.03	0.0	5	15	0	16	n.	Mrs M. V. Tisdale
Rogers	Benton	1385	36	37.9	+1.0	76	6	1	13	46	4.13	+1.37	1.27	1.8	8	14	6	11	ne.	Carl A. Starck
Searcy	White	236	18	41.5	+1.1	69	5†	8	15	38	5.11	+0.93	1.18	0.0	9	16	0	15	s.	J. T. Bell.
Springbank‡‡	Miller	240	20	.....	..	.....	.....	.....	.....	.....	3.85	−0.15	2.90	0.0	9	13	0	18	. . .	Miss Grace Field
Story	Montgomery	700	3	.....	.....	.....	.....	.....	.....	.....	5.20	.....	1.41	0.0	9	15	1	15	n.	S. C. Story
Stuttgart	Arkansas	228	40	45.0	+2.8	71	21	12	14	36	5.52	+0.61	1.79	0.0	13	14	5	12	ne.	Adam F. Buerkle
Subiaco	Logan	1050	30	43.8	+2.4	73	7	10	15	37	6.49	+3.29	2.15	0.0	8	18	2	11	n.	New Subiaco Abbey
Texarkana	Miller	332	41	48.0	+1.8	75	5†	15	15	40	3.28	+0.04	2.30	0.0	5	14	1	16	n.	H S. Brashear
Thornburg	Perry	650	3	39 8	.....	72	5	8	15	45	4.79	.....	.....	0 0	..	14	3	14	s.	Edward E. Holmes
Waldron	Scott	675	8	.....	.....	.....	.....	.....	.....	.....	6.55	.....	2.68	0.0	9	15	0	16	nw.	Dr. Cheves Bevill
Warren	Bradley	206	33	48.0	+3.1	75	29†	13	15	37	2.19	−2.36	1.05	0.0	6	13	5	13	s.	W. L Shide
Waters	Montgomery	800	8	.....	.....	.....	.....	.....	.....	.....	6.00	. . .	1.22	0.0	9	17	0	14	w.	J. R. Huddleston
Whitecliffs	Little River	290	23	.....	.....	.....	.....	.....	.....	.....	3.26	+0.14	1.41	0.0	6	12	0	19	ne.	Nannie O. Schirmer
Wilson††	Mississippi	237	2	41.2	.....	68	5†	5	15	33	6.03	.....	2.03	0.0	12	15	1	15	se.	M. W. H. Collins
Wynne	Cross	250	19	42.0	+1.8	67	3†	9	15	34	6.87	+2.12	2.25	0.0	13	14	0	17	n.	E. O. Allen
Yancopin	Desha	167	3	.....	.....	.....	.....	.....	.....	.....	2.68		0.71	0.0	12	12	0	19	.....	W. E. Barton
State Means and Extremes				42.6	+1.5	79	2†	−1	15	50	5.41	+1.31	4.39	1.6	10	14	3	13	n.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means- T. Less than 0.0 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Po office addresses as follows:- Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for January, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.3	8.0	7.8	7.6	7.5	7.4	7.1	7.0	6.9	6.8	6.7	6.4	6.4	10.0	13.1	13.0	11.8	10.5	9.7	9.5	9.7	10.8	15.2	17.2	18 8	19.0	19.2	18.8	17.6	15.7	15 4
Dardanelle	do	20	7.4	6.7	6.5	6.1	5.8	5.5	5.3	5.1	4.9	4.6	4.5	4.3	4.1	4.0	4.9	10.7	11.0	9.9	8.3	8.1	8.0	12.2	18.4	19.5	19.6	18.8	18.2	17.8	16.9	15.5	13 9
Little Rock	do	23	9.2	7.7	7.4	6.6	6.0	5.5	5.0	4.5	4.2	4.0	3.7	3.5	3.2	3.0	3.2	4.2	8.8	9.9	9.3	8.5	9.3	9.4	15.0	19.2	20.3	20.5	20.1	19.8	19.5	18.9	17.8
Pine Bluff	do	25	14.1	13.2	12.5	11.7	11.0	10.3	9.7	9.3	9.1	8.5	8.0	7.7	7.5	7.3	7 1	7.3	9.8	13.0	13.6	13.1	13.2	13.6	14.5	19.9	22.2	22.9	23.3	23.1	23.0	22.7	22.0
Yancopin	do	29	32.0	32.1	32.2	32.3	32.5	32.6	32.8	33.1	33.4	33.6	34.0	34.3	34.5	34.9	35.1	35.3	35.4	35.6	35.6	35.4	34.9	34.1	33.4	33.5	34.1	34.5	34.8	35.0	35.2	35.3	35.5
Danville	Petit Jean	20	9.3	9.3	9.8	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9	8.7	8.9	8.9	8.9	8.9	8.7	8.7	9.5	12.0	12.9	20.0	23.8	26.1	24.9	23.9	22.9	21.7	20.6	19.4	18.7

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	5.6	5.2	4.9	4.7	4.3	3.9	3.9	3.8	3.6	3.4	2.6	8.0	3.3	2.8	4.1	4.6	4.7	5.0	4.8	6 4	7.2	15.0	26.0	25.8	23.2	21.8	21.6	19.6	15.4	12.5	10.8
Batesville	....do	23	12.1	11.6	11.2	10.8	10.6	10.1	9.7	9.4	9.4	9.0	8.7	8.3	8.8	8.6	8.6	10.2	10.2	10.5	11.6	14.1	14.4	22.8	31.2	33.3	32.6	29.9	28.8	28 0	25.7	21.4	19.0
Newport	....do	26	17.8	17.0	16.1	15.0	14.0	13.2	12.4	11.2	10.4	10.0	9.4	8.5	7.9	7.9	7.3	7.4	8.3	8.6	9.0	12.0	16.6	18.5	23.6	27.6	31.2	32.6	32.5	31.9	31.4	30.4	29.4
Dam No. 1	Little Red	..	10.0	9.5	8.0	7.0	6.7	6.4	6.1	5 7	5.0	4.5	4.0	3.5	3.0	3.0	2.8	2.4	2.0	1.6	1.3	13.3	19.6	16.8	28.0	40.0	41.0	36.0	22.0	15.6	14.0	14.0	13.0
Georgetown	White	22	21.4	21.2	21.1	20.9	20.6	20 3	20.0	19.4	18.8	67.8	17.2	16.2	15.2	14.4	13.4	12.6	12.2	11.8	12.0	13.2	17.0	18.6	19.4	20.7	22.1	23 8	26.0	27.4	28.4	28.9	28.7
Clarendon	....do	30	27.5	27.6	27.7	27.7	27.6	27.5	27.4	27.3	27.1	26.9	26.6	26.3	26.1	25.8	25.3	24.9	24 5	24.2	23.9	23.8	24.0	24.3	24.7	24.9	25.3	25.9	26.6	27.7	28.9	29.9	30.5
Gilbert	Buffalo	30	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.1	5.0	5.0	4.9	4.9	5.5	5.4	5.4	5.3	5.3	5.2	5.5	5.6	21.0	21.3	19.2	14.5	10.2	8.8	8.0	7.4	7.0	6.6
Corning	Black	11	11.8	11.7	11 5	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.5	9.3	9.0	8.9	8.8	8.9	9.0	9.5	10.0	11.0	11.7	12.4	13 3	14.0	14.6	15.0	15.0	15.0	14.7	14.3	13.9
Black Rock	....do	14	11.0	10-3	9.5	9.0	8.5	8.0	8.0	8.0	6.8	6.8	6.4	6.0	5.8	5.6	5.4	5.4	5.4	5.4	6.5	10.5	13.0	19.0	26.3	25.8	25.3	24-7	24.4	24.1	24.1	23.9	23.7
Patterson	Cache	9	10.1	10 1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.2	9.1	9.0	8.6	8.2	7.9	7.5	7.2	7.0	7.0	7.0	7.2	7.6	8.0	8.5	9.1	9.7	10.2	10.6
Arkadelphia	Ouachita	18	4.8	4.5	3.8	3.6	3.4	3.2	3.0	2.8	2.8	2.6	2.3	1.7	1.0	3.0	2.2	1.2	1.4	1.5	1.5	5.5	8.1	7.5	11.6	15.3	15.2	14.7	12.9	9.0	7.0	6.0	5.8
Camden	....do	30	31.5	30.3	28.9	26.8	24.2	21.6	19.2	17.4	15.6	14.6	13.1	12.0	10.9	9.3	9.6	9.8	8.9	8.7	8.3	9.4	16.7	23.8	26 9	28.0	29.6	31.0	32.2	33.2	33.8	33.6	32.9
Fulton	Red	28	23.1	21.5	20.9	19.8	18.7	17.4	15.9	14.4	13.4	12 7	12.3	11.9	11.4	11.3	11.3	12-1	13 3	14.6	14.5	14.8	15.2	15.4	16.1	19.0	21.4	24.0	25.5	26.8	27.6	27.7	27.2
Springbank	....do	37	26.8	26.3	25.6	24.8	23.6	22.6	31.7	21.1	20.0	18.8	17.8	17.4	17.0	16.8	16.4	16.1	15.9	16.9	18.9	19.7	20.2	20.6	21.6	23.1	25.6	26.5	27.5	27.9	28.1	2875	28.7
Whitecliffs	Little	28	21.5	19.2	18.4	17.1	15.5	13.6	11.0	8.1	6.7	5.2	4.7	4.3	4.0	3.4	4.5	5.9	5.6	6.1	6.2	7.7	10.3	11.8	17.2	23.0	24.5	25.8	26.8	27.0	26.8	26.5	26.0
Marked Tree	St. Francis	17	11.2	11.4	11.7	11.9	12.3	12.5	12.5	12.5	12.5	12.4	12.2	12.0	11.8	11.4	11.1	10.8	10.5	10.2	10.1	10.3	10.8	11.2	11.5	12.2	13.4	14.0	14.6	15.1	15.5	16.2	16.7
Helena	Mississippi	44	38.8	39.6	40.4	41.0	41.8	42.5	43.0	43.7	44.3	44.8	45.2	45.7	46.0	46.2	46.3	46.1	45.6	44.6	42.9	39.9	36.4	33.3	31.5	31.0	32.1	34-0	35.6	36.8	38.0	38.6	39.4
Arkansas City	....do	48	41.3	41.9	42.4	42.9	43.4	43.9	44.5	45.1	45.6	46.1	46.6	47.1	47.4	47.9	48.3	48.5	48 6	48.7	48.5	48.2	47.5	46.4	45.0	43.7	42.5	42.3	42.5	42.9	43 4	44.1	44.6

Daily Precipitation for January, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita													.32					1.03		.06	.30	.17		.60			.15					2.63
Arkadelphia	Ouachita												.40	.05					.10		2.27	.02	.43	.76	.22	.23	.80	.08	.04	.04			.08	5.44
Arkansas City	Mississippi														.12						1.18	.05			.10		.25	.03	.08	.14		.08	2.03
Arlberg	White													.52					.20	1.42	.45	1.20	3.87	1.02	.90	.10							9.68
Batesville	White													.28	.32				T.	1.62	1.68	.42	1.08	2.12	.76	.23	.18	.06	.02	.03	T.			8.80
Bee Branch	Arkansas													.56					.03	2.00	.72	.40	.72	.92	.73	.30			.03					6.41
Bentonville ***	Arkansas												.72	.70				.15	.34	.11	.03	.29	.49	.45	.03	.01	.01		T.					3.33
Black Rock	White													.04	.32				.03	1.50	2.10	.08	.85	.80	.99	.23	.06		.03	02				7.00
Blytheville	Mississippi														.40				.03	72	1.82	61	1.15	.50	.08	.17	.10			.30	.32			6.20
Booneville	Arkansas													.60						.65	T.	.69	3.55	.74	.74	.34	.05							7.36
Brinkley	White														.37					.14	2.40	.83	.46	.46	.37	.70	.46		.16	.12	T.			6.47
Calico Rock	White													.25	.04				.13	.22	.59	.02	2.59	1.16	.64	.23	.05		T.					5 92
Camden	Ouachita													.31	.13					.19	2.35	.35	.04	.18	.01	.04	.17	.08		.05	.05	.02		3.97
Center Point	Red													.47					T.	.18	1.56	.28	.22	.26	.27	.50	.23		09	.61				4.07
Clarendon	White													T.	.34					08	1 80	.20	.32	.25	.18	.52	.70	.04	.04	.10	T.	.04		4.61
Clinton	White													.53					.01	1.86	.36	50	2.47	1.66	.43	.23			.05					8.10
Cold Springs	Arkansas													.50					*	.52	.50	*	2.20	.80	1.10	.20	.10							5.92
Conway	Arkansas													.55					.04	.57	1.57	.08	1.59	.64	.54	.27	.12							5.97
Corning	White													.36					.81	2.11	1.17	1.11	2.56	1.15					31					9.58
Dam No. 1	White												.22	.12					.75	1.73	T.	.42	1.18	.43	.38	.26		T.	.08	T.				5.57
Danville	Arkansas													.50						1.20	.48	.22	2.40	1.50	.75	.30	.15	T.							7.50
Dardanelle	Arkansas													.51					.08	1.12	.55	.22	2.30	1.04	.54	.34	.22							6.92
Dumas	Mississippi													.35					T.	T.	.73	.04	.05	.30	.03	.50	.25		.22	.03	.18			2.68
Dutton	White												T.	1.43					.45	.24	.26	.34	2.64	2.08	.90	.04	T.		.02					8.35
Eagle Gap	Ouachita								.08	1.02						.52	.18	.12	1.78	1.55	.49	.14	.26	16	.19	.16	.10							6.75
El Dorado	Ouachita													.45	.05						.94	.30	T.	.09	.05	.02	.03	.05	.02	.01				2 01
England	Arkansas													.39					.13	.15	2.86	.41	.40	.17	.51	.53	.32		.12		.03			6.02
Eureka Springs	White												.10	1.12					.60	.10	.31	.31	.70	1.03	.11	.03	.05							4.46
Fayetteville	White												T.	.95				T.	.15	.14		.41	.20	1.30	.22	.04	.05						.52	3.98
Fort Smith ***	Arkansas												.20	.59				T.	.08	.21	.10	.41	1.10	1.28	.47	.15	.01		T.					4.60
Freeman Sprgs	Arkansas													.86	.06				.15	.56	.34	.08	3.97	1.26	.91	.38	.11	.03	.06	.03				8.80
Fulton	Red													.48							2.07	T	.15	.08	.08	.05	.35	.06	T.	T.				3.32
Georgetown	White													.10						.70	1.62	.10	.53	1.00	.44	.38	.19				.70			5.76
Gilbert	White													.40	.05				T.	.35	.32	T.	4.20	1.20	.65	.25	.07	T.						7.49
Gravette	Arkansas												.05	1.48					.47	.02		.17	.26	*	2.09	.02	.02		.02					4.60
Harrison	White												T.	.58					.41	.11		.64	.20	1.58	.24								3.76
Helena	Mississippi														.36						.70	.50	.10	.18	.18	.32	.94	.20	.04	.50	.04	.02		4.08
Higden	White													.52					.02	2.33	.80	.42	1.30	.72	.80	.16								7.07
Hope	Red													.50							2 56		.25	.25	.15	.23	.12		.10		T.			4.16
Hot Springs	Ouachita													.41				.01	.07	1.81	.65	.08	.88	.50	.49	.62	.12		.12	T				5.76
Huttig	Ouachita													.47						.04	1.76	.03			.59									2.89
Index	Red													.39							1.80	.05	.10	.16	.08	.04	.37	.05	T	.05				3.09
Jonesboro	White													.45					.08	1.44	1.13	.54	1.14	.46	.19	09	.02		.22	.02	.06			5.84
Lambrook	White													.18							.95	.04		.21	.15	.35	.85		.35		.33			3.41
Little Rock ***	Arkansas													.43					.09	.98	.35	.51	.34	.55	.34	.70	.10	T.	.07	02	.02			4.50
Lurton	White												.01	1.26				.01		.77	.10	1.53	2.51	1 27	.79	.17	.05		.04	.02				8.53
Lutherville	Arkansas													.80				T.	.13	.95	.05	1.70	4.39	1.61	.83	.23	.04							0 73
Magnolia	Red													.38					.13		1.90	.37	.03		.10		.10				.10			13.11
Malvern	Ouachita													.45						.04	1.70	.06	.34	.45	.37	.50	.70	.05	.09	.05				4.80
Mammoth Spg.	White													.70					.20	.30	.30	1.40	2.20	3.20	.70	T.								9.00
Marianna	Mississippi													.35					.04	.01	1.34	.26	.12		.43	.65	.64		.19		.01			4.04
Marked Tree	Mississippi														.39					.48	1.88	.38	.45	.70	.28	.15	.30	.08	.20	.18	.17			5.64
Marshall	White													.69					.08	.03	.62	.15	2.70	1.52	.70	.01	T.							5.90
Mena	Ouachita													.65				.01	.01	.62	.21	.30	1.37	1.56	.95	.32	.30	.02	.08	.05	T.			6.45
Morrillton	Arkansas													.51						.96	.70	.18	1.32	.42	.45	.20								4.74
Mountain Home	White												.04	.58				T.	.26	.14	.12	.95	4.00	.40	.55	.03			T.					7.07
Mount Ida	Ouachita													.40						.48	.52	.25	1.45	.50	.57	.59	.21							4.97
Newport	White														.43					.98	1.58		.46	.49	.80	.10	.16		.06	.05				5.11
Oden	Ouachita												.39					.01	.01	.04	.52	.40	1.12	1.31	.58	.67	.57	.04						5.65
Osceola	Mississippi													.45				T.	.25	2.20	.30	.45	.48	.21	.16	.13		.27	.16	.35			5.41
Ozark	Arkansas													.77					T.	.79	.03	1.09	2 33	1.14	.40	.43	.70							7.68
Patterson	White													.12						.08	1.95	.72	.65	.76	.46	.62	.12		.26		.31			6.05
Pindall	White												.01	.47					.22	.18	.18	.52	2.42	1.58	.72	.06	.04							6.40
Pine Bluff	Arkansas													18	.22					.34	2.30	.32	.40	T	.22	.20	1.00	.03	.03	.20		T.		5.44
Pocahontas	White													.40					.29	1.85	.72	.77	2.80	1.23	.72	.08			.08					8.85
Portland	Ouachita														.50						1.33			.10						.05				1.98
Prescott	Ouachita													.43				T.	T.	.83		.11	.11	.42	.13	.08	.21	.04	.14		T.			2.50
Princeton	Ouachita													.23	.36						2.81	.58	.30	.24	.15	.25	1.40	.22	.15	.12				6.81
Rison	Ouachita													.93						.15	1.03	1.01					.08							3.20
Rogers	Arkansas												T.	1.27					.52	T.	.31	.36	.30	1.07	.22	.08	T.							4.13
Searcy	White													.43						.71	1.18	.10	1.02	.51	.70	.35				11				5.11
Springbank	Red								T.	T.				.53						T.	2.90	.07		.14	.03	.04	.03	.07	T.	.04	T.	T.		7.50
Story	Ouachita													.40						.50	.70	.33	1.41	.81	.41	43	.21							3.85
Stuttgart	Arkansas												.15	.16					.21	1 79	.19	.78	.10	.10	.55	1.17		.16	.14	.02				5.20
Subiaco	Arkansas														.70					.75		.95	2.15	.87	.67	.33	.07							5.52
Texarkana	Red													.43							2 30	.10		.10			.35							6.49
Thornberg	Arkansas													.39					*	*	*	*	*	*	*	*	4.40		T.	T.				3.28
Waldron	Arkansas												T.						.08	.48	.72	.71	2.68	1.06	.28	.46	.08							4.79
Warren	Ouachita													.35						1.05		T.				.59	T.	.03	.05		.12			6.55
Waters	Ouahita													.59						.44	.41	.51	1.10	1.22	.91	.49	.33							2.19
Whitecliffs	Red													46							1.41	T	.23	.12	.64	T.	40	T.	T.	T.				6.00
Wilson	Mississippi													.38					.49	2.03	.55	.37	.80	.10	.14	.28		.16	.33	.40				3.26
Wynne	Mississippi														.53					.10	2.25	.67	.58	1.00	.51	.48	.25	.04	.09	.13	.24			6.03
Yanecpin	Arkansas														.28				T.		.71	.07		.27	.18	.17	.45	.13	.03	.23	.13	.03		6.87
																																	2.68

precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0 01 inch.
* Precipitation included in the next following measurement.

Daily Temperatures for January, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	55	64	66	70	74	78	66	65	59	54	49	46	52	48	45	41	59	59	58	55	60	65	61	55	50	46	42	53	66	67	66	57.7
	Minimum	29	30	31	32	34	40	36	35	43	25	19	30	34	29	14	20	39	53	51	41	45	41	38	38	38	40	27	35	49	45	32	35.3
Batesville§§	Maximum	51	67	66	68	67	63	51	57	44	38	39	46	48	35	28	40	54	56	52	39	44	36	38	37	39	41	43	56	67	60	57	49.3
	Minimum	30	28	27	27	28	28	25	24	24	25	12	13	28	26	6	6	27	37	43	34	34	36	30	32	34	32	20	20	33	46	24	27.1
Bentonville	Maximum	52	61	64	61	70	69	54	54	40	36	45	43	40	24	28	43	46	45	33	44	45	30	32	35	41	38	42	58	63	54	54	46.6
	Minimum	25	31	36	36	34	39	34	30	24	18	18	35	21	6	8	23	36	28	28	32	26	22	30	32	34	27	23	38	40	32	26	28.0
Bee Branch	Maximum	48	61	63	63	68	68	57	59	55	40	38	39	46	36	29	38	48	53	46	40	47	48	38	38	40	42	38	55	64	65	59	49.3
	Minimum	28	28	30	42	33	35	32	29	37	23	15	26	34	25	7	18	27	44	37	35	38	33	31	34	34	36	23	31	34	48	30	30.9
Blytheville	Maximum	40	60	65	65	65	60	..	59	46	89	39	47	45	41	24	39	48	56	56	40	48	45	38	38	42	42	42	50	56	65	56	48.5
	Minimum	32	28	34	42	38	35	..	29	35	23	14	24	40	24	4	14	35	45	42	35	37	37	29	34	35	39	24	36	41	42	32	32.0
Booneville	Maximum	55	65	71	66	78	76	67	62	57	41	47	43	50	38	31	48	51	50	41	45	53	52	40	42	43	43	45	58	71	65	58	53.3
	Minimum	25	27	28	38	32	35	36	80	37	23	18	34	31	25	9	23	30	35	35	38	42	33	35	37	38	40	28	37	37	48	27	32.0
Brinkley	Maximum	48	61	67	66	70	71	63	58	50	42	41	45	49	40	32	41	55	60	61	47	70	65	39	40	41	41	38	55	67	67	59	53.2
	Minimum	36	30	30	43	32	42	31	35	34	27	15	26	39	30	9	16	27	49	46	39	40	35	31	35	36	36	25	34	50	51	32	33.6
Calico Rock§§	Maximum	55	64	78	68	70	66	52	59	43	38	43	47	45	32	28	43	54	49	41	40	43	34	37	39	40	41	44	62	70	60	62	49.9
	Minimum	30	25	28	28	23	29	25	25	25	24	14	14	33	25	7	7	24	33	39	35	35	32	31	33	35	35	22	22	32	34	26	26.9
Camden§§	Maximum	54	67	72	70	74	75	63	66	54	43	48	54	52	45	33	50	63	62	68	50	76	70	42	44	45	44	50	60	75	57	63	57.7
	Minimum	33	27	27	30	32	32	39	38	35	27	17	17	32	32	16	16	23	49	54	45	45	49	39	39	39	40	29	30	29	55	38	31.0
Center Point	Maximum	52	62	67	67	72	70	67	65	60	45	45	51	50	41	35	41	58	59	52	52	67	67	42	43	43	46	42	54	70	70	60	55.3
	Minimum	28	33	41	42	44	46	38	42	35	23	26	32	34	25	12	22	40	49	43	42	46	41	39	39	39	41	28	35	51	53	39	37.0
Conway	Maximum	49	60	68	65	72	72	58	60	54	49	41	44	50	40	34	40	54	57	46	43	49	50	40	40	41	42	41	55	68	55	59	51.5
	Minimum	33	28	30	42	32	37	33	30	35	25	18	29	34	29	10	19	33	44	40	38	40	36	33	28	35	40	25	35	35	51	29	32.5
Corning	Maximum	44	61	63	63	65	61	54	57	47	41	41	44	47	41	27	39	46	54	50	50	50	44	39	37	41	39	37	56	61	55	58	48.8
	Minimum	32	36	41	29	37	39	26	28	32	22	12	30	39	22	4	15	31	41	41	34	33	28	26	32	31	30	20	32	45	42	28	30.3
Dardanelle	Maximum	59	59	70	69	68	71	63	61	56	44	42	40	50	38	31	45	48	53	43	43	48	54	41	41	43	43	42	60	71	67	57	52.3
	Minimum	44	29	30	45	35	37	36	30	35	25	20	22	34	28	12	14	26	33	37	37	40	38	34	40	38	40	28	36	36	43	30	32.6
Dumas	Maximum	50	65	73	70	75	75	60	66	50	42	46	47	54	42	33	42	58	68	67	59	76	67	45	42	43	44	40	56	74	68	59	56.6
	Minimum	33	30	33	45	35	44	36	38	37	28	18	26	41	31	13	18	36	48	55	44	45	39	31	33	39	37	27	38	32	48	35	35.3
Dutton	Maximum	51	61	69	62	67	74	56	56	47	34	41	36	39	27	27	41	48	50	44	46	54	54	37	41	41	41	40	53	63	61	55	48.9
	Minimum	21	23	25	24	26	29	28	23	24	16	9	28	24	16	-1	10	30	36	33	31	36	26	32	32	35	31	20	31	30	29	18	25.0
El Dorado	Maximum	53	68	74	71	75	76	65	66	57	48	50	48	53	43	38	51	60	68	66	64	75	72	45	46	46	46	43	60	77	72	73	59.6
	Minimum	33	32	38	45	38	54	40	52	41	28	21	30	38	33	17	21	45	52	56	45	50	43	42	40	41	40	37	42	55	54	38	40.0
England	Maximum	..	62	69	71	75	75	72	60	48	42	43	41	50	38	33	42	56	63	61	48	70	65	39	39	41	41	38	54	71	68	62	54.6
	Minimum	..	31	34	39	35	41	31	35	36	29	18	28	36	31	11	21	37	52	46	30	41	36	33	36	37	38	26	35	49	52	32	34.8
Eureka Springs	Maximum	55	62	68	62	72	69	57	57	44	38	49	41	41	29	34	43	47	45	41	38	43	34	33	34	37	39	48	57	64	56	61	48.3
	Minimum	24	37	43	36	38	44	32	31	32	18	18	35	24	14	1	22	36	30	29	29	33	22	26	31	32	30	21	35	41	38	50	30.1
Fayetteville	Maximum	53	64	67	62	69	71	58	54	51	36	45	43	45	29	30	44	49	52	40	41	46	42	32	37	41	45	45	56	64	58	61	49.4
	Minimum	23	33	33	35	31	37	35	29	30	19	17	32	24	17	4	22	36	29	29	31	37	26	28	32	35	33	23	36	42	36	25	29.0
Fort Smith	Maximum	50	59	66	65	68	70	52	60	45	39	46	44	44	38	28	49	50	51	40	45	50	38	40	42	44	44	45	57	69	60	57	50.0
	Minimum	29	30	34	40	37	43	38	36	31	24	23	33	28	17	10	23	37	32	34	39	37	33	33	35	39	35	30	38	41	44	33	32.8
Gravette	Maximum	51	59	63	60	71	68	56	54	48	35	45	42	42	39	28	43	48	46	33	40	40	31	32	34	41	41	42	58	64	67	58	47.7
	Minimum	23	29	32	30	32	33	35	28	32	19	18	34	25	15	2	22	35	27	22	29	31	20	25	31	34	31	24	36	41	31	24	27.4
Harrison	Maximum	54	79	73	64	72	70	55	58	51	37	46	40	42	28	30	46	43	46	46	37	42	40	33	34	36	36	48	64	73	62	74	50.3
	Minimum	25	31	27	37	29	35	27	25	32	19	11	30	28	18	2	18	31	33	31	30	35	25	26	31	31	29	20	35	38	38	22	27.4
Helena	Maximum	42	56	67	63	63	69	56	60	50	43	36	46	50	40	28	40	54	65	64	53	70	73	41	41	44	44	40	53	69	64	56	52.9
	Minimum	31	29	32	45	34	40	35	37	37	27	22	27	39	27	12	19	38	46	51	41	43	37	34	36	38	37	29	39	50	42	33	35.1
Hope	Maximum	53	64	70	68	74	74	61	76	53	44	48	48	53	43	35	46	62	63	60	50	75	70	43	44	44	46	40	55	75	68	62	57.0
	Minimum	26	27	31	41	34	43	37	43	38	24	18	30	31	28	15	22	41	49	48	42	47	40	38	38	38	39	29	38	50	49	31	35.6
Hot Springs	Maximum	52	65	68	69	73	76	59	64	52	42	45	45	51	40	36	41	58	59	59	46	60	64	41	40	41	42	40	53	67	68	61	54.1
	Minimum	29	34	38	42	36	45	37	34	38	26	20	28	34	29	11	18	38	52	40	40	42	37	34	37	39	39	25	35	45	51	35	34.9
Jonesboro	Maximum	43	60	65	65	65	58	49	53	46	36	85	44	47	38	26	37	.49	56	58	39	44	43	36	36	39	39	33	51	67	66	56	47.7
	Minimum	33	31	34	43	39	39	29	31	35	25	15	25	36	23	5	15	35	35	38	34	36	30	25	33	34	31	31	33	40	47	32	31.4
Lambrook §§	Maximum	60	59	70	65	70	72	56	59	48	38	40	47	52	39	26	44	54	66	61	47	72	62	39	40	44	43	50	60	70	55	56	53.7
	Minimum	20	24	22	43	30	43	34	37	31	28	15	25	32	31	11	12	22	43	50	42	43	46	34	34	36	38	27	28	48	39	34	32.3
Little Rock	Maximum	49	64	66	67	70	71	54	58	48	38	42	48	50	36	26	42	58	60	59	43	53	41	39	39	40	41	38	53	68	61	58	51.4
	Minimum	34	32	36	46	41	45	36	37	33	28	25	29	33	20	11	20	40	42	39	39	40	33	32	35	36	31	25	38	49	46	39	34.5
Lurton	Maximum	49	59	..	65	66	69	58	52	36	31	37	35	43	26	26	37	48	..	49	41	53	40	33	34	36	34	36	49	61	53	53	45.1
	Minimum	26	34	..	41	39	47	30	30	23	17	18	35	25	14	0	13	32	..	29	30	39	23	27	30	31	27	21	30	41	38	35	28.1
Lutherville	Maximum	48	57	62	61	70	72	63	59	56	38	39	37	35	33	27	44	49	52	41	44	50	54	40	41	40	41	39	52	68	63	56	49.4
	Minimum	28	29	34	38	38	43	35	33	36	22	18	27	30	23	6	17	32	35	34	36	40	34	34	36	37	36	24	34	36	47	34	31.8
Magnolia	Maximum	53	67	72	68	75	76	68	64	60	45	49	48	54	43	38	..	..	61	..	69	74	72	43	45	45	46	43	57	76	76	63	58.9
	Minimum	35	30	35	41	36	50	39	50	35	26	20	31	30	30	16	..	..	53	..	40	49	43	40	39	40	41	31	39	54	49	39	37.9
Malvern	Maximum	51	64	68	70	72	75	65	65	56	44	47	47	50	42	36	43	57	61	61	48	66	66	42	40	42	43	41	54	70	68	62	55.4
	Minimum	33	28	29	83	31	40	35	34	29	26	17	27	26	30	12	20	40	52	47	40	42	38	35	37	37	39	25	37	50	53	31	34.0
Mammoth Spg	Maximum	48	59	68	64	66	59	55	58	56	37	37	42	46	39	26	41	47	49	48	39	43	42	36	37	40	40	38	42	66	67	59	48.2
	Minimum	33	24	26	34	27	29	25	24	26	23	11	26	34	21	4	15	28	39	36	32	34	29	28	32	33	33	18	32	30	41	24	27.5
Marianna	Maximum	43	68	69	65	67	69	58	56	53	53	39	46	50	42	31	52	53	64	61	48	71	70	40	40	42	44	38	52	68	67	67	54.4
	Minimum	35	32	31	45	36	45	35	38	36	27	20	26	40	30	10	15	15	48	47	40	43	36	32	31	37	36	27	37	50	40	33	34.0
Marked Tree§§	Maximum	59	60	65	64	63	51	55	43	33	35	45	46	32	23	40	53	58	59	40	49	35	35	37	39	40	48	48	61	57	53	45	47.5
	Minimum	33	31	32	34	33	30	30	30	25	15	15	29	29	7	9	11	40	52	36	37	34	28	30	34	35	24	25	42	47	31	31	29.6
Marshall	Maximum	49	47	72	72	71	68	54	52	35	41	48	48	45	31	26	23	48	48	..	..	..	..	..	..	..	..	..	55	65	64	64	51.2
	Minimum	28	31	29	31	34	29	26	30	31	15	28	29	28	22	4	14	18	33	33	33	34	28	28	32	32	22	18	33	37	42	25	27.6
Mena	Maximum	54	64	67	67	70	73	60	56	48	38	45	45	47	35	33	39	55	57	45	47	61	64	41	41	44	44	38	50	62	61	57	51.9
	Minimum	27	30	38	39	41	48	35	33	37	24	19	34	28	25	9	21	37	41	41	40	45	39	37	37	39	37	26	33	43	49	28	34.2
Morrillton	Maximum	48	57	69	66	72	71	66	60	58	46	43	42	51	36	34	41	53	57	44	43	49	50	40	42	41	43	43	56	68	68	61	52.2
	Minimum	34	30	30	43	36	40	33	32	38	26	20	29	34	28	11	21	34	41	38	38	40	36	34	36	37	39	26	35	35	47	33	33.4
Mountain Home	Maximum	51	60	73	65	73	64	55	58	49	34	43	39	43	32	27	44	45	47	39	36	42	45	34	36	38	40	42	60	68	65	60	48.6
	Minimum	29	27	28	34	31	32	28	27	33	20	14	27	30	19	4	16	28	35	32	31	35	32	31	31	31	31	19	32	32	40	24	27.8
Mount Ida	Maximum	56	69	72	71	71	78	63	64	56	43	47	45	50	41	33	41	57	58	54	46	58	57	41	41	44	44	40	53	68	66	61	54.5
	Minimum	22	24	23	34	27	32	30	26	27	22	12	27	31	26	8	19	37	46	44	39	43	37	36	38	38	39	22	35	39	49	23	30.8
Newport	Maximum	46	65	68	70	66	61	53	50	51	39	37	42	48	38	29	40	51	59	61	40	42	45	38	37	48	40	35	55	66	66	63	50.0
	Minimum	35	31	34	58	32	34	29	30	37	25	16	31	36	25	8	17	35	47	39	34	35	31	29	34	34	33	23	32	42	47	33	32.5
Osceola	Maximum	40	..	63	67	..	70	60	54	58	38	39	45	48	48	35	42	52	99	58	52	50	35	39	38	41	39	47	55	55	61	59	49.9
	Minimum	32	..	30	39	..	36	33	34	35	16	22	33	32	24	6	7	41	51	38	39	35	29	31	35	36	26	28	45	46	33	37	32.0
Ozark	Maximum	60	61	65	66	70	71	63	55	62	41	45	40	38	35	25	49	50	51	44	45	50	50	41	43	43	43	42	50	70	63	63	51.1
	Minimum	23	24	29	33	31	35	38	36	30	23	20	19	21	22	9	20	34	35	35	38	42	36	35	35	34	31	26	35	40	34	35	30.3
Pine Bluff	Maximum	53	66	71	70	75	78	59	64	52	43	46	46	51	43	33	44	60	64	63	49	74	68	40	40	42	42	39	55	73	66	64	55.9
	Minimum	36	32	32	42	36	50	36	39	39	28	18	28	35	31	13	19	39	53	48	41	44	39	34	36	38	39	27	36	51	49	35	36.2
Pocahontas	Maximum	47	65	67	66	63	60	53	57	50	37	42	44	46	38	27	40	46	44	50	38	41	43	42	36	39	38	32	52	62	65	58	48.0
	Minimum	33	30	28	42	32	34	28	30	36	24	25	32	38	24	4	15	30	40	38	32	34	25	28	33	35	32	19	30	39	45	28	30.7
Portland	Maximum	54	65	75	71	77	79	69	63	58	48	48	50	55	44	37	45	60	72	71	65	78	76	46	45	50	49	44	60	77	73	66	60.1
	Minimum	32	28	33	46	36	48	39	50	39	30	19	25	44	32	16	19	38	51	54	49	50	45	42	40	41	41	33	42	54	61	41	39.3
Prescott	Maximum	67	72	72	74	76	74	75	69	65	59	47	53	51	42	33	54	57	63	61	56	76	69	42	42	42	44	38	49	66	73	76	59.3
	Minimum	27	33	34	36	37	40	42	38	30	24	19	24	44	30	15	18	42	44	43	42	54	56	37	36	37	33	27	35	49	35	34	35.3
Rison	Maximum	58	65	70	71	67	74	71	64	69	51	45	47	56	48	48	45	59	62	69	59	75	72	66	70	60	50	48	58	77	77	64	61.8
	Minimum	34	32	36	42	36	49	36	43	31	27	19	28	38	30	13	20	40	53	53	42	45	40	36	38	39	39	27	38	52	52	37	36.9
Rogers	Maximum	52	61	67	63	71	76	59	55	50	38	47	44	40	26	31	44	46	44	37	39	43	39	33	35	39	39	47	58	64	56	59	48.5
	Minimum	22	29	26	33	27	30	35	25	32	19	13	34	26	17	1	21	31	29	28	29	37	23	26	31	33	32	29	36	36	32	23	27.3
Searcy	Maximum	47	62	65	63	69	69	57	59	55	42	41	44	50	40	31	39	52	59	58	41	58	47	38	37	40	41	49	56	66	64	58	51.5
	Minimum	29	28	28	40	31	35	32	32	35	25	16	24	33	27	8	17	33	46	40	36	37	33	31	34	34	37	23	33	38	49	32	31.5
Stuttgart	Maximum	49	61	66	67	67	70	60	59	52	43	40	40	50	43	34	43	55	62	62	55	71	60	64	58	43	40	47	65	69	61	67	55.6
	Minimum	33	33	42	34	44	34	36	37	27	18	26	34	30	12	18	30	40	50	40	41	43	32	39	36	39	25	33	42	51	33	38	34.5
Subiaco	Maximum	49	52	64	67	69	69	73	70	64	57	51	41	42	51	46	48	51	51	55	48	49	49	45	42	43	43	47	72	64	60	64	54.7
	Minimum	30	29	34	31	40	37	39	35	32	38	24	19	31	31	10	21	33	36	35	35	41	35	35	37	37	37	27	35	37	87	40	32.7
Texarkana	Maximum	58	69	74	74	75	75	69	68	60	50	53	53	50	43	37	50	63	65	54	53	75	69	46	46	45	48	42	57	77	70	64	59.1
	Minimum	27	30	34	40	41	40	39	42	39	24	20	32	42	26	15	23	41	45	45	43	49	43	40	39	39	42	32	38	50	50	34	36.9
Warren	Maximum	55	63	71	67	73	73	68	63	59	47	46	48	54	41	37	45	57	67	66	65	74	73	43	43	45	44	40	57	75	75	61	57.9
	Minimum	35	33	34	47	38	51	38	47	41	28	21	28	40	31	13	18	40	52	56	43	46	42	37	38	35	39	28	38	53	49	38	38.0
Wilson	Maximum	48	60	65	63	68	68	60	55	49	49	37	44	44	33	31	38	49	59	59	45	57	51	37	39	40	40	38	61	66	57	56	50.5
	Minimum	29	31	39	43	40	35	29	32	32	24	14	20	30	26	5	13	35	46	43	37	39	33	30	34	35	35	25	35	37	42	31	36.8
Wynne	Maximum	49	60	67	66	66	67	54	56	48	38	37	45	48	40	28	38	51	58	60	45	56	53	39	40	41	40	35	54	67	65	56	50.5
	Minimum	33	30	42	37	32	41	36	33	32	26	18	26	40	28	9	18	36	42	43	38	40	39	30	35	36	35	25	34	46	47	32	33.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almostalways occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., FEBRUARY, 1927 No. 2

GENERAL SUMMARY

February was marked by unusually warm weather. Monthly means were above normal throughout the State with departures reaching 14° in some localities and averaging 9.3° for the State as a whole, the monthly mean, 52.1°, exceeding by 2.3° the mean of February, 1911, which here-to-fore had been the warmest on record. The month opened with temperatures slightly above normal and unusually warm weather prevailed until the 8th, daily means being as much as 26° above the seasonal average. From the 9th to the 12th a cool wave overspread the State giving temperatures slightly below normal, but from the 14th to the 17th temperatures were again high. A cold wave from the 18th to the 20th brought the lowest temperatures of the month in practically all sections and temperatures were again below normal on the 27th and 28th. Although the monthly mean is the highest recorded, the extreme of 90° is not record breaking, 93° having been recorded in 1918.

The heavy rains of January caused flood stages in all streams and in the lower reaches of the rivers flood conditions continued from one to two weeks during February with the Arkansas at Yancopin above flood the entire month and the St. Francis at Marked Tree to the 20th. The Mississippi was also above flood stage at Helena and Arkansas City during most of the month. The high water prohibited any preparation for crop planting in the low lands of the eastern counties and the rainfall, fairly evenly distributed throughout the month, kept the soil too wet in most other sections for much plowing to be done. Temperatures being high buds began swelling and by the close of the month peaches, plums, and pears were blooming in central and southern sections of the State and a few blooms were reported in northern counties, apprehension being felt for the safety of the fruit crop. W.C.H.

TEMPERATURE

The mean temperature of the State for the the month of February, as determined from the records of 58 stations, was 52.1° which is 9.3° above normal, all sections showing positive departures. The highest monthly mean was 60.3° at Huttig, the lowest, 44.9° at Dutton, a difference of 15.4° between the northwestern and southern sections of the State. The higest temperature recorded was 90° at Rison on the 16th, the lowest, 9° at Dutton on the 19th. The highest occurred at most stations about the 4th or 16th while the lowest occurred on different dates. The greatest daily range was 51° at Calico Rock on the 22.

PRECIPITATION

The average precipitation for the State during the month of February, as determined from the records of 84 stations, was 2.62 inches which is 0.73 inch below normal. A dozen or more stations showed positive departures, negative elsewhere. Amounts were fairly well distributed throughout the month, the totals ranging from 7.02 inches at Dumas to 1.23 inches at Thornburg. Snow and sleet occurred over a large part of the State on the 27th or 28th, while the other precipitation fell as rain. The greatest amount measured in 24 consecutive hours was 2.95 inches at Hope on the 28th. The average number of days with 0.01 inch or more precipitation was 8.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--2d, 1; 15th, 2; 17th, 19; 18th, 17; 22d, 2; 23d, 2; 24th, 2; 25th, 6; 28th, 12.
LUNAR HALOS:---13th, 1; 14th, 1; 16th, 1.
SOLAR HALOS:---4th, 1; 19th, 1; 21st, 2; 24th, 1; 25th, 1.
DENSE FOG:------1st, 2; 2d, 2; 3d, 1; 4th, 2; 5th, 1; 6th, 2; 9th, 1; 11th, 2; 12th, 1; 13th, 3.
SLEET---GLAZE--Most sections 27th and 28th, some localities 10th and 18th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.05	30 41	10	29.54	17	4,611	26	s.	15	.....	.....	46
Fort Smith.	30.03	30.40	20	29.53	17	5,612	32	n.	17	79	63	61
Little Rock.	30.04	30.39	28	29.57	17	6,383	36	n.	18	78	63	48
Memphis.	30.05	30.44	28	29.60	18	6,025	40	n.	25	80	65	44

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.8**		**93**		**-29**		**3 35**		**11**	**8**	**1**	**7**
1891	46.5	+3.7	80	24	6	26	2.92	- 0.43	10	9	9	8
1892	49.0	+6.2	78	7	18	16	3.47	+ 0.12	11	9	9	7
1893	42.4	-0.4	74	20	2	11	4.05	+ 0.70	9	6	13	8
1894	40.5	-2.3	75	19	0	15	6.32	+ 2.94	8	7	13	8
1895	33.5	-9.3	78	28	-17	7	0.71	- 2.64	10	7	11	4
1896	45.2	+2.4	79	26	11	20	3.30	- 0.05	15	6	8	6
1897	46.6	+3.8	89	18	7	27	2.59	- 0.76	10	7	11	4
1898	45.8	+3.0	82	13	7	3	2.08	- 1.27	15	5	8	5
1899	31.8	-11.0	75	21	-25	12	2.18	- 1.17	12	6	10	6
1900	39.7	-3.1	74	8	- 5	17	5.06	+ 1.71	9	7	12	8
1901	40.8	-2.0	79	18	10	23	2.18	- 1.17	10	7	11	6
1902	35.0	-7.8	72	27	- 2	15	2.60	- 0.75	9	8	11	5
1903	41.0	-2.0	79	3	-12	17	7.63	+ 4.28	10	6	12	10
1904	44.9	+2.1	86	26	10	11	2.47	- 0.88	12	8	9	5
1905	32.3	-10.5	82	28	-29	13	2.55	- 0.80	9	6	13	7
1906	41.8	-1.0	75	23	- 7	5	2.21	- 1.15	15	5	8	6
1907	44.9	+2.1	83	10	4	6	2.77	- 0.58	12	6	10	6
1908	44.2	+1.4	78	29	0	2	5.26	+ 1.91	12	5	12	9
1909	47.3	+4.5	82	20	5	16	5.41	+ 2.06	13	6	9	8
1910	39.0	-3.8	75	8	-13	18	3.66	+ 0.31	11	6	11	7
1911	49.8	+7.0	87	1	7	22	4.31	+ 0.96	9	8	11	9
1912	37.9	-4.9	78	25	- 7	4	2.80	- 0.55	12	8	9	6
1913	41.0	-1.8	82	19	5	4	3.74	+ 0.39	11	6	11	8
1914	40.4	-2.4	79	3	- 2	7	4.23	+ 0.88	11	7	10	7
1915	45.9	+3.1	76	21	11	8	4.47	+ 1.12	11	5	12	8
1916	43.4	+0.6	82	17	6	2	1.78	- 1.57	14	4	11	5
1917	43.4	+0.6	89	26	- 4	1	1.98	- 1.42	15	5	8	4
1918	44.4	+1.6	93	27	4	1	1.17	- 2.18	12	6	10	4
1919	44.1	+1.3	80	20	-10	9	3.34	- 0.01	13	4	11	8
1920	45.0	+2.2	79	4	- 2	16	1.26	- 2.09	11	8	10	5
1921	48.3	+5 5	85	24	- 8	20	3 59	+ 0.24	15	5	8	6
1922	47 8	+5.0	84	11	10	7	4.89	+ 1.54	9	7	12	8
1923	41.9	-0 9	80	1	5	4	4.66	+ 1.31	11	4	13	8
1924	42 9	+0.1	82	14	- 7	6	2.26	- 1.09	12	4	13	7
1925	49 3	+6.5	83	21	12	2	3.37	+ 0.02	12	7	9	6
1926	48.5	+5.7	88	7	10	19	2.02	- 1.33	15	5	8	4
1927	52.1	+9 3	90	16	9	19	2.62	- 0.73	10	7	11	8

Corrections January, 1927

Texarkana. Highest temperature should be 77° on the 29th.

Climatological Data for February, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	54.6	+11.6	78	16	27	18†	43	1.69	−2.08	0.64	0.0	4	3	12	13	s.	G. C. Thrash
Arkadelphia	Clark	250	31								1.88	−2.59	0.58	0.0	7	14	8	6	n.	F. J. Carpenter
Arkansas City	Desha	145	43								3.36	−1.14	1.10	0.0	9	10	10	8		Carl R. Cutting
Arlberg	Stone	700	5								2.08		0.80	4.1	5	10	7	11		J. D. Reeves
Batesville	Independence	277	28	47.0	+6.6	79	16	23	11	45	2.38	−1.04	1.02	T.	10	11	1	16	nw.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	35	50.2	+8.1	79	16	23	19	35	1.30	−2.33	0.35	1.5	7	11	4	13	n.	J. E. Scanlan.
Bentonville	Benton	1303	22	45.4	+6.9	72	16	16	19	38	1.72	−0.80	0.54	8.6	8	9	7	12	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								2.01	−1.12	0.80	T.	9	13	9	15	ne.	Vernon C. Howe.
Blytheville	Mississippi	252	2	51.5		79	4†	25	11	33	1.78		0.65	0.3	9	14	4	10	s.	J. M. Brooks
Booneville	Logan	465	13	52.2	+5.6	81	16	24	19	40	2.82	+0.75	0.90	1.2	9	13	7	8	s.	F. H. Randolph
Brinkley	Monroe	205	40	53.9	+10.9	83	16	26	11	43	3.52	−0.44	1.20	0.0	6	9	5	14	ne.	R J. Torry
Calico Rock	Izard	361	23	47.0	+5.8	82	16	23	1	51	1.77	−0.65	0.50	0.5	5	7	11	10	s.	W.J. Copp
Camden	Ouachita	158	42	53.4	+6.4	84	17	30	21†	48	3.10	−0.90	1.26	0.0	11	7	4	17	n.	A. B. Quarterman
Center Point	Howard	470	28	55.1	+8.9	80	16	25	19	36	3.58	+0.36	1.62	T.	10	6	8	14	e.	John C. Floyd
Clarendon	Monroe	200	23								5.10	+1.31	2.46	T.	11	5	4	19	n.	J. W. Bishop
Clinton	Van Buren	516	6								1.38		0.40	2.3	8	6	14	8	sw.	A. L. Stephens
Cold Springs	Scott	1250	1								1.33		0.50	2.0	7	5	8	15	sw.	Otto Parker
Conway	Faulkner	309	44	52.0	+8.7	82	16	26	19	34	1.92	−1.74	0.64	1.0	10	14	4	10	s.	E. E. Cordrey.
Corning	Clay	293	34	52.2	+14.5	79	4	25	18†	41	3.07	−0.44	1.72	2.5	5	13	6	9	sw.	Winfred D. Polk
Dam No. 1‡‡	White	190	4								2.62		0.65	T.	8	16	1	11	sw.	J. O. Yingling
Danville	Yell	327	11								1.29	−0.73	0.75	0.0	3	10	6	12	w.	C. P. Evans
Dardanelle	Yell	330	41	52.6	+9.0	84	16	25	19	36	2.01	−1.02	0.59	T.	8	13	9	6	e.	G. N. Goodier, Jr.
Dumas	Desha	162	21	55.1	+5.8	84	6	30	19†	38	7.02	+2.97	2.50	0.0	12	4	13	11	s.	Ben Johnson.
Dutton	Madison	1590	24	44.9	+7.0	74	16	9	19	50	1.97	−0.95	0.72	8.0	7	9	11	8	s.	J. M. Ricketts
El Dorado	Union	270	26	57.5	+9.9	85	16	32	26	35	1.87	−1.47	0.79	0.0	6	6	6	16	sw.	J. J. Babb
England	Lonoke	229	20	54.1	+8.1	83	16	29	11†	36	3.05	−1.13	0.92	T.	10	10	7	11	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	49.0	+9.2	74	22	14	19	44	1.91	−0.73	0.40	7.0	8	6	9	13	n.	Geo. W. Nicholds
Fayetteville	Washington	1451	40																	University of Arkansas
Fort Smith	Sebastian	457	46	50.6	+7.8	77	15	25	19	34	2.15	−0.59	0.82	1.8	10	4	14	10	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								3.14		1.33	6.0	8	10	9	9	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								3.05	+0.04	1.63	0.0	7	9	4	15		T. J. Logan
Georgetown	White	200	15								1.83	−0.45	0.98	0.0	7	9	5	14	n.	W. R. Owens.
Gilbert	Searcy	675	4								1.54		0.36	1.0	7	15	7	6		Ben F. Battenfield
Gravette	Benton	1250	30	47.0	+9.2	72	5	15	19	46	1.48	−0.36	0.27	8.0	8	12	5	11	s.	A. F. Stevens
Harrison	Boone	1052	26	50.4[b]		87[b]	5	10[b]	19	46[b]	2.04	−0.56	0.74	10.0	4	9	12	7	nw.	G. L. Wright
Helena	Phillips	193	55	53.0	+9.4	80	16	31	19	35	1.58	−2.83	0.36	0.0	12	6	2	20	s.	James A. Burnett
Higden	Cleburne	445	9								1.76		0.46	2.0	8	10	8	10	sw	Geo. W. Baker
Hope	Hempstead	377	56	54.8	+7.2	84	16	31	19†	37	6.74	+2.75	2.95	T.	8	14	3	11	ne.	N. P. O' Neal
Hot Springs	Garland	600	36	53.2	+6.4	81	16	27	19	34	3.11	−0.51	1.03	T.	11	10	5	13		P. P. Patraw
Huttig	Union	175	20	60.3[c]	+8.6	87[c]	17	30[c]	21	41[c]	3.55	−0.59	2.80	0.0	5	13	7	8	sw.	J. L. Collett
Index	Little River	275	2								3.21		1.83	0.0	8	11	5	12		H. D. Sanderson
Jessieville	Garland	750	1								3.40		1.00	1.0	7	13	5	10	sw.	George Casey
Jonesboro	Craighead	345	32	51.4	+9.9	77	4	22	28	36	1.51	−2.35	0.60	1.6	9	19	2	7	s.	Benedictine Sisters
Junction	Union	182	33	58.1	+11.0	85	16	29	20	38	3.77	+0.35	1.57	0.0	4	9	6	13	sw.	J. A. Lowderback
Lambrook	Phillips	155	4	52.1		82	16	29	19	34	3.39		1.38	0.0	9	9	4	15		G. B. Lambert Co.
Little Rock	Pulaski	357	48	52.2	+7.3	80	16	27	19	29	3.03	−1.15	1.18	T.	12	8	6	14	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	45.1[a]		71[a]	16	15[a]	19	31[a]	2.05		0.57	5.0	9	15	4	9	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	29	50.0	+9.0	76	16	20	19	36	2.46	−0.61	0.87	1.5	9	8	8	12	e.	H. G. Lenhardt
Magnolia	Columbia	315	8	56.9		83	16	31	10	33	4.83		2.20	0.0	7	9	10	9	sw.	State Agri. School
Malvern	Hot Springs	277	40	53.0	+6.1	81	16	27	21	38	1.45	−2.05	0.35	0.0	9	11	7	10	ne.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	22	48.8	+9.4	77	4†	20	11	39	2.59	−0.05	0.60	5.8	7	12	8	8	s.	E. C. Bellamy
Marianna	Lee	235	15	54.6	+11.2	81	16	29	19	34	4.85	+0.93	2.85	0.0	10	13	7	8	s.	C. N. Houck
Marked Tree	Poinsett	229	22	48.5		78	16	27	18	32	2.31	−1.15	0.82	T.	9	10	8	10	ne.	Charles Walton
Marshall	Searcy	1070	13	49.7	+6.0	76	17	20	20	45	1.94	−0.28	1.01	5.0	4	9	10	9	sw.	A. J. Park
Mena	Polk	1185	39	51.6	+8.0	77	16	23	19	37	1.69	−1.52	0.53	T.	8	10	9	9	nw.	E. W. St. John
Morrillton	Conway	347	6	52.6		82	16	26	19	36	1.41		0.40	T.	6	8	8	12	ne.	John Cook
Mountain Home	Baxter	800	13	49.2[i]	+8.5	79[i]	16	22[i]	11	38[i]	1.37	−1.01	0.66	4.0	4	6[i]	2[i]	11[i]	ne.	B. S. Halbert
Mount Ida	Montgomery	650	28	54.4	+5.6	82	16	21	19	44	2.94	−1.18	1.06	0.0	6	11	4	13	sw.	G. A. Whittington
Newport	Jackson	231	43	52.8	+12.3	80	16	25	19	34	1.89	−1.73	0.92	T.	9	8	10	10	n.	A. C. Wilkerson
Oden	Montgomery	800	1								2.10		0.53	0.2	10	16	1	11	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	50.5	+8.2	79	4	27	11†	34	2.29	−1.48	0.95	0.2	8	11[a]	8[a]	8[a]	s.	June Thomason
Ozark	Franklin	450	31	49.5[c]	+6.6	79[c]	15†	23[c]	19	45[c]	1.73	−0.82	0.53	4.0	7	1[e]	5[e]	17[a]	e.	Isham Burrow
Patterson	Woodruff	196	11								2.85	−0.14	1.68	0.0	5	10	4	14[e]	n.	W. E Baker
Pindall	Searcy	1500	5								2.01		0.68	6.6	7	12	4	12	sw.	W. W. Wood
Pine Bluff	Jefferson	215	40	55.1	+9.7	84	16	29	19	37	1.73	−2.27	0.80	0.0	9	11	7	10	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	34	50.3	+9.9	77	16	24	11	37	2.98	−0.29	1.85	2.0	5	10	6	12	n.	Benedicitine Sisters
Portland	Ashley	122	21	57.8	+9.3	86	16	32	21	36	2.99	−1.30	1.37	0.0	5	6	12	10	sw.	W. E. Edmiston
Prescott	Nevada	329	39	55.4	+9.1	80	16†	30	19	39	2.07	−1.45	1.19	0.0	9	15	1	12	n.	C. D. Calhoun
Princeton	Dallas	287	21								2.41	−1.43	1.40	0.0	4	21	2	5		Mrs. F. P. Coleman
Rison	Cleveland	243	26	58.4	+14.0	90	16	30	19	39	3.45	+0.31	1.58	0.0	6	13	6	9	n.	Mrs. M. V. Tisdal
Rogers	Benton	1385	36	48.2	+9.9	73	4†	15	19	45	1.85	−0.03	0.60	10.4	7	8	9	11	sw.	Carl A. Starck
Searcy	White	236	18	51.8	+8.1	79	16	25	11†	35	2.66	−0.89	0.75	T.	13	12	1	15	s	J. T. Bell.
Springbank ‡‡	Miller	240	20								2.64	−1.03	0.72	0.0	8	8	2	18		Miss Grace Field
Story	Montgomery	700	3								1.97		0.91	T.	8	13	6	9	n.	S. C. Story
Stuttgart	Arkansas	228	40	52.9	+8.7	80	16	28	18	34	5.52	+1.91	1.80	0.0	12	12	7	9	sw.	Adam F. Buerkle
Subiaco	Logan	1050	30	52.8	+10.4	81	16	20	19	48	1.91	−0.78	0.52	1.5	10	14	6	8	n.	New Subiaco Abbey
Texarkana	Miller	332	41	55.6	+7.8	84	16†	29	19†	44	5.96	+3.02	2.30	0.0	7	9	8	11	n.	H. S. Brashear.
Thornburg	Perry	650	3	48.0		80	16	22	21	40	1.23		0.52	T.	5	10	6	12	s.	Edward E. Holmes
Waldron	Scott	675	8								2.87		0.88	10.5	8	5	9	14	sw.	Dr. Cheves Bevill
Warren	Bradley	206	33	56.4	+10.8	82	16	30	20	41	4.30	+0.02	2.75	0.0	5	11	8	9	n.	W. L. Shide
Waters	Montgomery	800	3								2.83		1.12	T.	4	11	8	9	w	J. R. Huddleston
Whitecliffs	Little River	290	23								2.38	−0.64	1.08	0.0	5	9	4	15	sw.	Nanrie O. Schirm
Wilson	Mississippi	237	2	50.8		79	16	26	19	31	3.02		1.41	1.5	9	13	7	8	s.	M. W. H. Collins
Wynne	Cross	250	19	51.6	+7.8	80	16	26	11	36	1.79	−1.75	0.55	T.	9	12	1	15	n.	E. O. Allen
Yancopin	Desha	167	3								2.48		0.76	0.0	13	6	4	18		W. E. Barton
State Means and Extremes				52.1	+9.3	90	16	9	19	51	2.62	−0.73	2.95	3.8	8	10	7	11	sw.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡ office addresses as follows:- Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for February, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	16.0	15.5	14.9	13.1	11.8	11.0	10.7	10.0	9.8	9.7	10.1	11.1	10.8	10.6	10.4	10.4	10.2	9.7	9.0	8.3	8.0	7.8	7.4	7.3	7.2	7.1	7.0	7.0		
Dardanelle	do	20	13.4	14.0	13.7	12.9	11.4	10.1	9.4	8.9	8.4	8.3	8.2	8.3	9.0	9.0	8.5	8.4	8.4	8.2	8.1	7.4	6.8	6.4	6.0	5.9	5.4	5.3	5.1	4.9		
Little Rock	do	23	16.6	15.8	14.4	14.9	13.8	12.4	10.9	9.8	9.0	8.4	8.0	7.9	8.0	8.5	8.7	8.4	7.9	7.8	7.4	7.4	7.1	6.3	5.6	5.2	4.8	4.5	4.2	4.0		
Pine Bluff	do	25	21.1	20.1	19.5	19.1	18.6	17.6	16.4	15.2	14.3	13.6	13.0	12.7	12.5	12.7	13.1	13.3	12.9	12.5	12.2	12.2	12.0	11.4	10.7	10.0	9.6	9.3	8.9	8.6		
Yancopin	do	29	35.8	35.9	36.1	36.2	36.5	36.7	37.0	37.2	37.4	37.5	37.6	37.8	37.9	38.0	38.2	38.2	38.2	38.2	38.2	38.0	37.8	37.6	37.3	36.9	36.5	36.1	35.6	35.0		
Danville	Petit Jean	20	15.6	10.1	9.7	9.4	9.1	8.4	8.4	11.8	10.9	11.2	11.4	14.6	12.9	11.3	10.1	8.4	7.5	7.5	7.3	6.8	6.5	5.8	5.5	5.3	5.2	5.2	5.1	5.1		

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	9.5	9.3	9.0	8.4	8.2	7.8	7.2	6.7	6.2	5.8	5.5	5.3	5.1	5.1	5.1	5.0	4.8	4.8	5.0	4.9	4.7	3.9	4.0	4.3	4.0	4.1	3.7	3.4			
Batesville	do	23	17.2	16.8	16.1	15.5	14.8	14.8	14.0	13.2	12.6	12.1	11.9	11.4	11.2	11.0	10.9	10.9	10.7	11.8	11.0	11.2	10.8	10.3	9.8	10.0	9.8	9.8	9.5	9.3			
Newport	do	26	28.3	2.3	26.8	26.1	25.5	24.9	24.6	23.6	22.8	22.0	21.2	20.4	19.6	19.0	18.3	17.7	17.0	16.4	16.2	15.8	15.5	14.9	13.8	12.8	12.3	11.3	10.8	1.00			
Dam No. 1	Little Red	..	12.5	11.5	10.5	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	6.5	5.0	4.6	4.3	4.0	3.6	3.3	3.0	2.5	2.0			
Georgetown	White	22	28.1	27.4	27.0	26.4	25.8	25.1	24.7	24.2	23.7	23.3	22.9	22.6	22.3	22.1	21.8	21.5	21.3	21.1	20.9	20.7	20.6	20.3	20.0	19.6	19.2	18.6	18.0	17.2			
Clarendon	do	30	31 1	31.7	32.3	32.6	32.6	32.5	32.3	31.9	31.5	36.1	30.7	30.4	30.1	29.7	29.3	29.0	28.8	28.7	28.4	28.0	27.8	27.5	27.3	27.1	26.8	26.6	26.3	26.1			
Gilbert	Buffalo	30	6.0	6.8	6.5	6.2	6.0	5 9	5.8	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.4	5 3	5.3	5.3	5.6	5.4	5.3	5.2	5.2	5.1	5.1	5.0	5.0			
Corning	Black	11	13.6	13.1	12 9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.8	10.8	10.8	10.8	10.7	10.5	10.3	10.1	9.8	9.6	9.4			
Black Rock	do	14	23 3	23.2	22.7	22.3	21.7	21.0	20.4	19.8	19.0	18.4	17.5	16.4	15.5	14.5	13.6	12.8	11.8	12.4	12.5	11.8	11.0	10.1	9.4	9.0	8.6	8.2	7.8	7.5			
Patterson	Cache	9	10.8	11.0	11.1	11.1	11.1	11.2	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.5	9.2	8.6	8.2	7.9	7.6	7.3	7.0	6.8	6.7	6.6	6.6	6.8	7.1	7.4			
Arkadelphia	Ouachita	18	4.7	4.0	3.8	3.6	3.3	4.3	7.1	8.3	5.3	4.3	4.2	4.5	4.2	3.8	3.5	3.6	3.5	2.9	3.0	2.8	2 7	2.6	2.4	2.2	2.8	3.0	3.2	1.2			
Camden	do	30	31.8	31.0	28.2	25.8	22.2	21.0	20.9	23.0	25.2	26.3	26.3	25.8	24.8	23.6	21.8	21.7	19.3	17.9	16.6	15.0	13.9	12.2	11.4	10.6	10.0	9.7	10.0	10.0			
Fulton	Red	28	26.5	25.2	24.5	23.6	22.3	21.1	20.3	20.2	20.3	20.3	19.5	18.7	19.2	19.3	19.3	19.0	18.3	17.1	16.2	15.3	14.4	14.0	13.4	13.0	12.7	12.4	12.0	11.8			
Springbank	do	37	28.5	28.9	26.2	25.2	24.3	23.5	22.9	22.1	21.9	22.0	22.0	21.4	21.6	21 6	21.8	21.6	21.1	20.5	19.7	19.0	18.3	17.5	16.9	16.3	15.8	15.5	15.1	14.6			
Whitecliffs	Little	28	25.1	23.1	21.1	19.8	18.5	18.8	18.3	20.3	20.5	18.6	17.0	16.2	16.1	15.2	14.9	14.1	13.8	11.4	13.4	8.4	7.6	6.5	6.0	5.8	5.3	4.6	4.2	4.0			
Marked Tree	St. Francis	17	17.1	17.3	17.5	17.6	17.7	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.5	17.4	17.4	17 2	17.1	16.9	16.7	16.5	16.3	1670	15.7	15.3	14.9			
Helena	Mississippi	44	40.1	40.8	41.5	42.1	42.6	43.2	43.8	44.5	45.0	45.6	46.0	46.5	46.9	47.1	47.3	47.0	47.0	47.0	46.6	46.3	45.7	45.1	44.5	43.9	43.2	42.5	41.8	41.1			
Arkansas City	do	48	45.3	45.9	46.5	47	47.7	48.2	48.9	49.4	49.8	50.2	50.6	50.9	51 2	51.4	51 6	51.7	51.8	51.8	51.8	51.7	51.4	51.2	51.0	50.7	50.2	49.8	49.2	48.7			

Daily Precipitation for February, 1927

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita					.61	.34					.16																.55				1.69
Arkadelphia	Ouachita						.58	.50				T.	.24	.14	.02												.36				1.88
Arkansas City	Mississippi		.04			.06		1.02					1.10	.61	.03	.05			.32	.02								.15				3.36
Arlberg	White	.20								.40	T.								.80							.10	.58				2.08
Batesville	White	.04	.36	.02			.16				.18	T.	.12	.45	.01				1.02	.02							T.				2.38
Bee Branch	Arkansas	.03					.19				.35	T.		.28					.26							.04	.15				1.30
Bentonville ***	Arkansas	.44					.04		T.	23		.06	.21					T.	.22								.22	.30				1.72
Black Rock	White	.13	.42	.01			.06				.25	T.	T.	.11	.13				.80	.10								T.				2.01
Blytheville	Mississippi		.32				.38	.05						.15	.18	.02			.80	.02		.01					.10	.90				1.78
Booneville	Arkansas	.13					60			.11	.52	.02		.09					.65	.02												2.82
Brinkley	White	T.	.09	T.			1.20	.74					.17	T.	T.				.35													3.52
Calico Rock	White	.20	.50	T.							.10			.50					1.10					.22				T.				1 77
Camden	Ouachita		.01			.02	1.26	.43		.03	.14	.08	.49	.20		.21			.47	T.									.22				3.10
Center Point	Red	.04	.05			.33	.98				.27	.16	.03	.07					.04													3.58
Clarendon	White		.22	T.			1 48	.10			.02		.06	.20														T.	1.62				3.58
Clinton	White	.09				.04					.35																						5.10
Cold Springs	Arkansas	.10					.30				.50	T.	.03					.10										.10	.38				1.38
Conway	Arkansas	.03	.04				.64				.21	.03		.09					.07	.01								.21	.59				1.33
Corning	White	.78					.02						.30					1.72										.25					1.92
Dam No. 1	White	T.				.60	.22			.07			.20					.42										.10	.65				3.07
Danville	Arkansas		T.					.42			.75			.12						T.								T.				2.62
Dardanelle	Arkansas	.04	.01					.28			.58			.13					.59							.01	.37				1.29
Dumas	Mississippi	.05			.05		1 20				.06	.35	1.40	.45	.03	.40			.44									2.50				2.01
Dutton	White	.31	.07				T.				.09			.34					.12					T.		.09		.32	.72				7.02
El Dorado	Ouachita	T.						.45			.06	.03	.79	.38															.17				1.97
England	Arkansas	.18	.03			.02	.92				.05	.18	.11	.06					.58									.18	.79				1.87
Eureka Springs	White	.38					.13			.22	.18			.24					.40									.07	.31				3 05
Fort Smith ***	Arkansas	.14	T.				.11			.24	.06		.21	.01	T.			.31	T.						.03			.22	.82				1.91
Freeman Sprgs	Arkansas	.05	.09	.02			.06				.43			.30					1.33	T.						T.			.86				2.15
Fulton	Red	T.					1 63	.63			.14	.09	.17	.16		T.													.23				3.14
Georgetown	White		.16				.98	.18			T.		T.	.08					.28										.02				3.05
Gilbert	White	.34	.22		T.		.26		T	.22	.14			.22					.36	.02							.16	.08				1.83
Gravette	Arkansas	.27										.30		.02					.20								T.	.21				1.54
Harrison	White	.74												.41					.45									.44				1.48
Helena	Mississippi		.14			.08	.10	.36			.04	.02	.32	.20	.06				.25									.14				2.04
Higden	White	.16					.08			.28		.02		.27					.46									2.95				1.88
Hope	Red	.10				.93	1.52				.10	.21		.21				.72									.10	.63				1.76
Hot Springs	Ouachita	.09	.05	T.		1.03	.70			.01	.11	.05	T.	.11					.28	T.												6 74
Huttig	Ouachita						.68					*	*	2 80					.07									.41				3.11
Index	Red						1.83	.63	.02	.12		.10	.15	.08															.28				3.55
Jessieville	Ouachita						1.00			.20		.30																.50	.60				3.40
Jonesboro	White	.39	.02	T.	.50	.30	.11				.01		.09	.11	T.			T.	.60										.16				1.51
Junction	Ouachita					.81	.30						1.09	T.					T.	T.								.59	1.57				3.77
Lambrook	White	.05					.39				.05	.35	.28		.03				.27									.26	1.38				3.39
Little Rock ***	Arkansas	.07	.02	T.		.73	.54			.03	.06	.07	.04	.02				.45										*	.68				3.03
Lurton	White	.20	.05				.18				.30			.32					.57									.41	.40				2.05
Lutherville	Arkansas	.07					.05				.55	.01		.24					.25							.01			2.20				2 46
Magnolia	Red						1.33				.20	.47	.26	.30		.07			.03										.25				4 83
Malvern	Ouachita		.23	.02			.27	.35			.05		.15	.10					.40										.38				1 45
Mammoth Spg.	White	.60					.50			.01	.20			.50					2.85							.09			.38				2 59
Marianna	Mississippi	.14	.09			.07		.89				.08	.21		.10				.65						.03	.02							4.85
Marked Tree	Mississippi		.32				.82	.26					.13	.05	.08					1.01							T.	.30					2.31
Marshall	White			.35								.28								T.							T.	.38					1.94
Mena	Ouachita		.18				.18	.16			.53	.05	.01	.20													.40	.10					1.69
Morrillton	Arkansas					12	.32				.37			.10														.25					1.41
Mountain Home	White	.66								T.	.20			.26												T.		.85					1.37
Mount Ida	Ouachita					1.06	.40			.17	.32			.14					.92	.03				.03			.02	T.					2.94
Newport	White		.32				.33	.06					.07	.12	.01				.01							T.	.06	.53					1.89
Oden	Ouachita	.01				.39	.41			.49	.13		.09	.02						.48		.02					T.	.10	.53					2.10
Osceola	Mississippi		.17			.95	.30						.20	.11					.17														2.29
Ozark	Arkansas						.18			.10	.30			.35					.62					.06			.01	.50					1.73
Patterson	White		.41				1.68							.08					.40									.12					2.85
Pindall	White	.68								.01	.19			.22					.02	T.						.01		.18					2.01
Pine Bluff	Arkansas		.01				.80	.35			.01		.36	.05	T.				1 85									.15					1.73
Pocahontas	White	.60									.20			.15					.41									.16					2.98
Portland	Ouachita				T	T.		.45					1 37		.61													.35					2.99
Prescott	Ouachita	.09	.02	T.		1.19	.14				.09	.02	.14	.22														.65					2.07
Princeton	Ouachita						1.40	.51								.15			.15									.25	.35					2.41
Rison	Ouachita						1.58	.32					.58	.17					.18										.63					3.45
Rogers	Arkansas	.42								.12	.31			.22					.45					.07		.03	.09	.25					1.85
Searcy	White	.10	.08			11	.76				.09	.12	.04	.09					.12									.12					2.66
Springbank	Red	T.	T.			T.	.72	.17			.22	.25	.57	.34		T.										.02		.98					2.64
Story	Ouachita	.02			.91					.77		.01	.10														.32	.25					1.97
Stuttgart	Arkansas	.17	.02	.01		1.80	.16			.03			.21	.10				1.71							.01		.26	2.03					5.52
Subiaco	Arkansas	.08					.35			.08	.52	.01		.14					.11							.11								1.91
Texarkana	Red						2.30	.63				.20	.50	.20		.10												.20						5.96
Thornberg	Arkansas										12	.17	T.	T.				T.	.02														1.23
Waldron	Arkansas	.15				.20	.52			.21	.55		T	.10					.20									.02	.88					2.87
Warren	Ouachita						.75					.90	.30		.15													T.	2.75					4.30
Waters	Ouahita					T.	.20				.63								.20										1.12					2.83
Whitecliffs	Red		T.				.88					.18	T.	.20												.10			.57					2.38
Wilson	Mississippi	.52				.61	1 41	1.08	.35				.10	.05				.37											.35					3.02
Wynne	Mississippi		.30	.01				.11						T.	.05	.12			.42				.01	.05	T	.08	T.	T.					1.79
Yancopin	Arkansas		.07			.03		.55	.28			.05	.03	.76	.33	.03	.28		.53	.03								.12					2.48

precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than .01 inch.

* Precipitation included in the next following measurement.

Daily Temperatures for February, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	61	70	72	74	76	70	64	69	64	59	52	48	64	69	75	78	74	70	66	60	62	74	77	71	69	69	69	64				67.5
	Minimum	40	48	57	50	51	59	41	45	44	35	35	39	45	41	43	48	55	27	27	31	28	55	50	41	37	36	32	31				41.3
Batesville§§	Maximum	45	61	74	76	70	63	62	66	43	37	44	47	61	67	73	79	72	37	48	55	60	70	76	73	59	64	40	33				59.1
	Minimum	25	40	43	53	53	55	29	30	33	29	23	25	40	40	38	38	44	37	25	25	24	25	47	35	35	27	27	29				34.8
Bentonville	Maximum	47	63	68	70	70	61	64	48	33	38	46	55	55	49	71	72	70	32	41	49	60	71	68	67	52	56	37	33				55.2
	Minimum	36	46	57	58	56	38	37	33	22	19	25	40	44	37	37	53	32	18	16	20	32	46	40	38	33	32	29	25				35.7
Bee Branch	Maximum	54	62	73	75	73	65	62	64	62	39	38	46	61	62	74	79	76	66	45	56	59	73	75	71	68	62	61	35				61.9
	Minimum	36	43	46	51	54	55	37	38	37	27	24	37	43	38	40	44	48	30	23	30	27	49	51	45	41	30	32	25				38.6
Blytheville	Maximum	42	57	74	79	71	65	72	64	58	39	46	45	56	70	75	79	72	56	39	50	64	67	75	74	64	65	58	38				61.2
	Minimum	35	41	50	55	59	56	54	37	40	31	25	41	45	50	46	56	52	30	26	30	31	51	52	44	41	35	30	28				41.8
Booneville	Maximum	54	72	74	77	73	68	63	66	51	42	42	49	68	59	77	81	73	70	44	55	62	77	74	76	68	67	60	45				64.2
	Minimum	40	46	50	58	60	54	42	41	41	31	28	39	45	46	39	52	51	30	24	27	27	48	46	37	41	29	33	29				40.2
Brinkley	Maximum	54	61	76	79	79	69	82	68	64	44	42	48	59	70	76	88	75	68	46	56	62	73	71	75	65	64	64	38				64.7
	Minimum	33	45	51	51	60	57	39	48	41	32	26	41	46	49	48	58	59	33	28	39	31	54	56	41	47	32	32	31				43.1
Calico Rock§§	Maximum	47	58	80	77	72	68	67	64	39	44	46	54	67	64	74	82	73	39	48	55	62	76	75	72	58	66	39	32				60.6
	Minimum	23	40	43	45	47	44	31	31	36	27	25	25	42	39	35	35	42	33	24	24	25	35	42	34	35	28	28	30				33.5
Camden§§	Maximum	63	77	78	75	75	63	63	70	58	44	43	50	65	73	78	84	77	48	49	59	65	78	72	77	65	66	50	36				64.3
	Minimum	38	47	49	53	54	60	44	44	44	36	34	35	43	47	47	48	58	47	34	32	30	30	59	42	42	30	31	35				42.6
Center Point	Maximum	56	72	75	73	68	65	66	69	64	47	39	48	64	70	77	80	76	71	53	60	60	78	75	76	67	66	61	43				65.0
	Minimum	46	49	56	58	60	59	42	46	45	36	34	38	45	45	49	53	57	35	25	30	37	57	57	50	49	36	41	31				45.2
Conway	Maximum	50	64	74	77	69	66	63	68	61	43	40	46	62	66	76	82	72	66	49	54	63	75	77	73	63	66	60	36				62.9
	Minimum	35	45	48	52	58	57	37	40	40	30	27	38	45	43	45	53	54	32	26	32	29	49	55	40	45	32	32	29				41.0
Corning	Maximum	61	48	72	79	78	78	68	68	56	48	59	59	66	76	76	74	70	49	66	64	64	74	76	72	60	56	43	64				65.1
	Minimum	38	40	45	49	61	53	32	38	36	27	36	46	48	41	56	52	29	25	30	29	37	42	41	48	32	31	25	30				39.2
Dardanelle	Maximum	53	64	78	79	76	65	60	68	63	45	41	48	64	65	77	84	79	68	47	56	65	73	75	72	72	67	60	35				64.2
	Minimum	40	44	47	53	54	48	40	43	42	31	29	39	37	46	44	50	52	38	25	32	42	42	53	41	45	31	39	33				41.0
Dumas	Maximum	56	74	81	78	76	70	60	67	58	46	41	50	63	74	78	84	82	69	46	58	67	77	70	79	62	69	59	41				65.5
	Minimum	36	40	58	54	61	58	43	48	43	35	33	41	48	48	51	55	58	34	30	38	34	55	59	41	48	32	40	30				44.7
Dutton	Maximum	45	58	66	70	71	66	62	58	45	37	43	53	53	55	69	74	69	69	46	49	57	71	69	70	60	61	53	33				58.3
	Minimum	19	42	48	47	57	48	28	33	27	21	20	35	42	31	32	39	42	19	9	16	22	41	32	27	33	20	29	23				31.5
El Dorado	Maximum	70	78	79	76	74	72	62	70	65	56	42	49	67	75	79	85	80	72	50	60	65	80	75	81	72	68	60	45				68.1
	Minimum	44	47	60	55	60	56	50	47	45	37	35	41	49	50	51	58	59	37	34	34	34	60	62	49	54	32	41	34				46.9
England	Maximum	49	65	79	77	72	67	63	70	60	47	41	47	63	75	78	83	75	71	48	55	65	73	73	75	67	68	59	37				64.4
	Minimum	36	47	53	57	62	56	39	47	41	33	29	40	46	49	48	55	58	35	29	35	31	54	56	43	47	32	35	32				43.8
Eureka Springs	Maximum	60	65	68	70	73	67	67	57	39	41	49	58	58	54	71	72	70	63	46	53	62	74	71	68	62	60	51	33				60.1
	Minimum	39	41	58	59	59	46	37	39	24	20	24	41	43	39	37	57	57	19	14	21	36	49	43	42	32	36	29	24				38.0
Fort Smith	Maximum	47	66	74	74	73	65	60	63	47	44	42	51	63	58	77	77	75	46	43	53	62	72	73	76	57	65	48	36				60.1
	Minimum	42	45	52	58	60	48	42	47	31	28	31	41	45	41	43	51	46	26	25	30	33	49	50	43	42	34	34	30				41.0
Gravette	Maximum	52	61	67	70	72	66	68	58	37	37	43	55	54	53	70	71	69	63	39	46	59	70	67	69	64	57	52	33				57.9
	Minimum	39	40	56	56	56	46	48	36	24	17	22	39	44	32	37	51	55	17	15	20	29	47	39	33	33	30	28	24				36.2
Harrison	Maximum	52	63	77	74	87	69	68	57	50	..	50	52	71	63	78	79	73	66	44	55	62	77	75	75	65	..	66	34				64.7
	Minimum	39	43	52	51	57	49	27	38	28	..	20	39	42	42	32	54	43	22	10	22	24	45	42	34	34	..	26	23				36.1
Helena	Maximum	50	62	75	77	71	69	60	63	60	43	46	48	59	71	75	80	72	68	43	55	63	71	69	72	64	64	55	40				62.3
	Minimum	32	45	50	51	53	59	43	50	41	36	32	42	48	49	47	55	55	33	31	39	34	54	60	43	42	33	37	32				43.8
Hope	Maximum	60	77	78	72	70	64	63	70	58	48	40	49	56	72	78	84	76	68	49	61	65	80	73	79	65	68	49	44				65.2
	Minimum	39	48	57	54	60	58	42	43	43	37	35	40	46	46	48	55	58	38	31	31	31	57	54	42	49	31	38	31				44.4
Hot Springs	Maximum	54	72	74	74	67	65	65	69	65	42	39	46	68	70	76	81	75	64	47	57	61	76	74	74	67	65	56	34				68.5
	Minimum	37	47	53	53	57	59	41	43	42	33	30	38	45	46	42	56	59	34	27	29	30	51	52	42	47	42	33	30				42.8
Junction	Maximum	70	78	76	79	76	77	70	64	51	52	45	63	66	75	79	85	82	80	75	61	68	79	78	80	70	66	54	45				69.4
	Minimum	43	47	52	54	55	58	57	42	40	37	38	40	42	51	53	57	61	64	45	29	30	60	62	53	43	28	34	35				46.8
Jonesboro	Maximum	50	56	73	77	70	65	57	62	54	38	44	45	62	67	74	76	72	66	43	55	62	69	73	71	61	64	57	39				60.8
	Minimum	33	42	47	56	61	56	38	40	37	29	25	39	39	50	44	58	57	30	25	33	32	53	53	46	45	52	31	22				41.9
Lambrook §§	Maximum	51	66	75	75	70	66	59	66	54	40	45	56	58	71	74	82	73	43	46	55	61	73	70	73	59	65	46	37				61.0
	Minimum	36	43	48	52	55	58	45	44	42	35	34	37	45	51	48	53	55	41	29	31	34	44	56	42	50	31	39	33				43.2
Little Rock	Maximum	49	63	75	74	68	63	61	66	49	37	39	46	61	69	75	80	73	57	46	54	62	73	72	72	64	64	52	37				60.8
	Minimum	43	46	56	57	61	48	42	46	37	31	31	38	44	46	50	55	57	33	27	36	34	54	55	48	47	35	34	29				43.6
Lurton	Maximum	44	55	67	68	66	60	61	57	38	31	38	47	57	58	66	71	65	50	46	42	53	..	69	66	58	58	42	29				54.1
	Minimum	36	42	52	54	57	39	35	37	24	20	24	33	41	42	42	54	47	19	15	24	35	..	46	44	34	32	27	21				36.1
Lutherville	Maximum	51	62	72	74	70	67	61	65	57	37	41	48	61	56	73	76	68	64	45	53	57	73	72	70	64	60	54	33				60.1
	Minimum	40	43	50	56	57	52	38	43	35	27	26	36	44	43	41	50	52	28	20	29	29	49	55	45	41	34	31	26				40.0
Magnolia	Maximum	66	77	78	74	73	71	68	69	66	55	42	49	66	73	78	83	77	70	50	57	64	79	74	79	74	66	60	45				67.1
	Minimum	44	47	59	57	60	59	47	44	44	31	34	40	47	47	50	55	58	37	33	37	34	62	61	53	54	39	42	32				46.7
Malvern	Maximum	56	72	77	73	70	67	64	70	63	46	40	47	64	71	77	81	77	71	50	39	62	77	76	77	71	66	59	36				64.2
	Minimum	35	47	53	51	55	59	40	43	42	34	31	38	45	43	43	46	52	35	28	30	27	54	53	39	49	29	35	30				41.8
Mammoth Spg	Maximum	55	52	75	77	73	70	62	61	56	41	47	54	61	62	71	77	77	69	47	54	64	70	71	70	65	68	57	39				62.4
	Minimum	32	35	40	53	56	49	28	34	31	25	20	39	43	39	36	50	40	30	22	28	24	42	42	34	40	27	30	25				35.5
Marianna	Maximum	49	61	75	78	71	70	70	65	61	45	44	48	71	72	75	81	74	68	48	67	67	72	68	73	65	64	63	62				65.1
	Minimum	35	46	54	55	61	44	43	50	43	34	30	42	48	47	50	54	57	34	29	34	33	54	58	47	50	35	32	32				40.9
Marked Tree§§	Maximum	61	70	71	64	61	62	64	43	34	43	54	66	68	71	78	85	40	40	45	56	67	71	70	58	62	34	34	33				56.6
	Minimum	40	44	54	55	59	40	40	41	33	30	31	42	47	46	46	44	40	27	28	35	36	51	46	47	37	33	29	29				40.4
Marshall	Maximum	52	54	59	74	73	70	67	68	61	59	37	44	49	64	62	71	76	74	71	42	49	69	74	72	69	63	60	34				61.1
	Minimum	31	39	43	54	59	61	52	30	37	32	24	23	33	42	48	36	55	33	26	20	24	28	51	42	38	39	28	24				38.8
Mena	Maximum	50	65	70	75	65	63	64	67	61	40	40	47	61	66	75	77	72	65	46	56	59	76	70	75	67	66	57	34				61.8
	Minimum	39	46	56	55	59	56	40	43	39	31	32	38	43	42	40	51	55	28	23	26	31	55	50	41	42	32	34	30				41.3
Morrillton	Maximum	55	64	73	75	71	65	61	65	64	62	40	47	62	64	74	82	80	68	46	55	62	75	74	73	68	65	61	39				63.9
	Minimum	38	44	45	50	56	56	40	40	41	30	29	38	45	45	44	53	55	32	26	33	31	49	52	42	45	34	32	29				41.2
Mount Ida	Maximum	53	74	73	76	67	64	65	69	63	42	40	47	68	70	77	82	75	70	47	59	60	78	75	76	66	68	59	35				64.2
	Minimum	31	47	58	48	62	53	32	38	41	34	30	38	45	36	35	47	51	33	21	22	22	55	45	31	44	24	29	30				38.6
Newport	Maximum	58	63	75	77	71	67	62	64	57	41	45	46	57	70	75	80	76	65	44	56	63	73	76	77	62	66	62	49				63.6
	Minimum	36	43	47	55	60	55	37	40	39	30	26	39	44	48	41	56	64	32	25	32	30	53	54	53	42	35	34	28				42.1
Osceola	Maximum	59	61	75	79	72	68	62	60	63	44	32	45	49	57	71	74	76	78	69	36	40	53	62	66	72	72	64	39				60.6
	Minimum	42	44	52	52	43	38	40	42	41	32	27	33	43	51	48	45	44	49	35	27	27	33	41	53	43	47	31	29				40.4
Ozark	Maximum	63	65	75	75	75	65	63	67	60	50	43	52	63	62	79	79	70	60	41	58	61	..	..	..	..	..	75	36				62.5
	Minimum	26	27	45	54	54	55	38	40	36	30	29	38	45	39	40	41	40	26	23	26	27	..	..	..	..	..	30	30				36.5
Pine Bluff	Maximum	54	76	81	77	72	67	60	72	59	47	42	47	67	73	80	84	80	67	47	60	66	76	73	78	64	69	56	37				65.4
	Minimum	37	48	56	54	61	56	43	47	43	34	34	41	47	49	48	57	59	35	29	35	34	57	60	43	49	32	36	31				44.8
Pocahontas	Maximum	49	50	74	75	73	68	64	65	57	42	44	49	55	67	71	77	73	67	49	56	61	69	74	71	63	64	60	37				61.6
	Minimum	32	37	43	55	58	54	34	35	37	28	24	39	44	45	39	53	46	30	25	30	26	50	52	40	44	35	32	25				39.0
Portland	Maximum	70	81	85	81	79	74	69	66	63	54	45	52	69	75	79	86	80	72	45	58	66	78	79	77	68	69	60	45				68.8
	Minimum	40	47	58	55	63	60	50	49	46	34	36	42	50	50	55	58	36	33	40	32	57	62	50	52	33	40	36					46.9
Prescott	Maximum	60	76	77	74	69	63	64	70	62	48	79	62	66	71	79	80	76	70	60	68	74	80	74	80	76	58	47	41				66.9
	Minimum	43	46	49	55	60	49	42	44	43	34	32	40	50	49	46	48	46	32	30	34	35	60	62	49	51	33	34	32				43.9
Rison	Maximum	65	75	82	83	75	73	72	72	77	70	54	51	69	75	80	90	81	74	50	60	64	79	79	78	76	67	68	45				70.8
	Minimum	40	48	61	56	61	60	43	48	43	35	35	40	47	50	50	58	56	35	30	34	34	57	61	45	50	30	41	31				45.7
Rogers	Maximum	52	68	68	73	73	58	68	60	38	39	48	58	58	54	73	73	70	64	48	52	62	73	70	71	64	61	62	34				60.4
	Minimum	39	51	58	57	58	48	34	38	26	21	22	41	44	36	32	54	48	19	15	21	26	45	34	31	34	26	28	26				36.1
Searcy	Maximum	60	62	74	78	70	65	60	66	59	40	42	46	58	66	74	79	73	68	47	55	61	73	74	72	77	68	61	42				68.0
	Minimum	38	40	45	49	60	55	39	42	40	30	25	38	44	41	43	51	48	33	25	32	30	54	54	39	45	32	34	30				40.6
Stuttgart	Maximum	52	66	76	77	71	64	60	66	57	44	44	50	62	70	71	80	75	62	46	54	64	73	70	75	67	64	55	50				63.0
	Minimum	42	46	52	60	59	41	50	40	33	30	38	37	40	50	57	57	43	28	36	32	47	52	45	49	34	38	32	30				42.8
Subiaco	Maximum	57	72	76	77	75	69	63	66	60	54	43	52	65	61	78	81	79	79	43	57	63	74	75	75	68	66	57	35				65.0
	Minimum	42	44	44	54	63	54	41	43	39	30	28	38	40	46	42	51	50	31	20	29	29	45	50	44	43	33	33	28				40.5
Texarkana	Maximum	67	79	80	78	70	66	61	75	65	50	41	45	67	77	82	84	75	70	51	62	67	84	76	81	71	70	62	42				67.8
	Minimum	42	50	54	55	60	55	43	46	45	38	34	39	43	44	49	51	54	39	20	29	42	40	50	42	42	32	40	31				43.5
Thornburg	Maximum	49	71	72	74	65	63	62	65	48	36	37	43	65	64	73	80	67	59	43	52	60	74	72	71	37	62	45	40				58.9
	Minimum	31	40	47	48	60	59	30	34	36	27	23	37	37	41	42	50	57	30	23	28	22	54	43	31	39	23	32	24				37.1
Warren	Maximum	61	75	78	75	73	72	62	68	64	51	41	49	65	72	78	82	81	75	46	56	64	76	74	76	73	66	63	45				66.5
	Minimum	40	47	61	57	61	61	45	49	44	35	33	40	48	52	50	58	59	34	31	30	34	59	63	50	51	35	40	31				46.4
Wilson	Maximum	52	56	74	78	69	64	66	65	54	44	45	45	54	56	78	79	74	64	41	51	64	68	69	71	64	62	60	41				60.9
	Minimum	37	42	49	55	59	53	37	40	40	32	27	37	40	41	46	56	61	31	26	32	33	43	43	41	41	34	31	29				40.7
Wynne	Maximum	50	61	74	77	70	65	61	66	62	45	43	45	44	70	75	80	78	69	43	50	63	70	72	73	60	63	60	43				61.9
	Minimum	35	45	53	55	60	55	40	44	41	32	26	32	31	35	47	53	55	33	27	37	33	53	54	41	47	32	34	30				41.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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MAY 1 1927

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., MARCH, 1927 No. 3

GENERAL SUMMARY

The outstanding features of the weather in Arkansas during March were the positive precipitation and temperature departures, the uneven distribution of precipitation, tornadoes the 17th and 18th, and the flooded condition of the lowlands in the lower Arkansas and White river valleys.

The month opened unseasonably cold with snow, sleet, and glaze in northern and central counties and cold rain in the southern. From the 6th to the 12th and from the 14th to the 20th temperatures were normal or above, departures of 15° to 20° occurring from the 16th to the 20th at numerous stations. Frequent showers kept the soil too wet for farm work to progress rapidly and at the close of the month far less than the usual amount of land had been prepared for planting. Wheat, oats, and meadows made satisfactory progress during the month. Fruit and tender vegetables were damaged by frost on the 22d.

The flooded condition of the eastern lowlands which prevailed during February was only partially relieved in March. The Arkansas remained above flood stage at Yancopin during the entire month and the Mississippi was above flood stage at Helena after the 20th. The smaller streams of the State were at or near flood stages at different times during the month. In these lowlands practically no farm work was done.

During the early evening of the 17th and 18th tornadoes occurred in Arkansas. The one on the 17th started near Delight, Pike County, and moved northeastward to the Pulaski County line near Collegeville, killing 12 people, injuring 25 or more, and doing considerable property damage, most of the loss being in Saline County. The storm on the 18th started at Swain Mountain, eight miles south of Eureka Springs, Carroll County, and moved northeast to Green Forest, then southeast to Coin and northeast to Denver. This storm killed 24 people, injured 100 or more, demolished 50 homes, and partially wrecked 150 or more, the property damage being estimated at $500,000. W.C.H

TEMPERATURE

The mean temperature for March, as determined from the records of 57 stations, was 53.5° which is 0.8° above normal. The highest monthly mean was 59.7° at Huttig and Magnolia, the least, 47.4° at Dutton, a difference of 12° between the northwestern and the southern border counties. The highest temperature recorded was 87° at several stations on the 19th and later dates. The lowest was 5° at Dutton on the 3d.

PRECIPITATION

The average precipitation for the State, as determined from the records of 83 stations, was 7.20 inches which is 2.46 inches above normal. Nine stations for which normals have been computed showed negative departures, positive at all others. Amounts were fairly well distributed throughout the month, the monthly totals ranging from 2.65 inches at Magnolia to 15.70 inches at Yancopin. Sleet or glaze was reported at numerous stations on the 1st and an appreciable amount of snow was measured at 21 stations, averaging 2.4 inches. The greatest precipitation measured in 24 consecutive hours was 9.00 inches at Huttig on the 11th. The average number of days with 0.1 inch or more was 12.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--2d, 1; 5th, 4; 6th. 7; 7th, 17; 8th, 3; 10th, 1; 11th, 31; 12th, 11; 14th, 1; 15th, 2; 16th, 7; 17th, 27;18th, 22; 19th, 12; 20th, 18; 21st, 1; 23d, 11; 24th, 1;26th, 8; 27th, 6; 28th, 9; 29th. 20; 30th. 17; 31st, 26.

KILLING FROST OR FREEZING TEMPERATURE: Most sections 22d and earlier dates.

SOLAR HALOS:---3d, 1; 5th, 1; 10th, 1.

SLEET---GLAZE--Numerous stations 1st, 18th, 21st.

HEAVY HAIL:--Scattered localities, Delight, Pike County, to Collegeville, Pulaski County, 17th; Bee Branch, Rogers, Subiaco, 18th, Carroll County, 18th; Osceola, 29th.

DENSE FOG:------12th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.06	30.56	3	29.50	31	5,723	28	s.	25	.....	.....	58
Fort Smith	30.04	30.57	3	29.56	31	7,244	39	w.	31	77	59	62
Little Rock.	30.08	30.56	3	29.54	31	7,487	34	s.	5	76	59	52
Memphis.	30.09	30.54	3	29.59	31	6,421	39	w.	31	77	61	56

COMPARATIVE DATA FOR MARCH

Year	Temperature						Precipitation		Number of days				
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**52 7**		**96**		**1**		**4.74**		**13**	**7**	**11**	**8**
1891	46.7	−6.0	79	20	10	4	5.10	+0.36	11	9	11	10
1892	47.9	−4.8	84	31	9	18	3.44	−1.30	14	8	9	7
1893	50.1	−2.6	82	22	5	4	3.55	−1.19	16	6	9	8
1894	54.6	+1.9	88	13	8	26	9.84	+5.10	14	7	10	9
1895	51.8	−0.9	91	28	10	4	5.39	+0.65	13	7	11	10
1896	48.7	−4.0	85	31	12	18	5.28	+0.54	10	7	14	8
1897	55.9	+3.2	88	21	13	14	9.76	+5.02	10	7	14	15
1898	54.5	+1.8	88	16	18	3	5.96	+1.22	10	9	12	9
1899	50.6	−2.1	87	22	1	6	2.97	−1.77	12	9	10	7
1900	51.2	−1.5	90	12	7	1	2.50	−2.24	15	7	9	7
1901	51.5	−1.2	86	2	4	6	4.67	−0.07	14	8	9	6
1902	52.6	−0.1	89	26	14	18	5.34	+0.60	12	10	9	7
1903	54.8	+2.1	85	7	11	1	5.56	+0.82	10	9	12	8
1904	55.3	+2.6	90	21	12	4	5.64	+0.90	11	11	9	8
1905	57.1	+4.4	92	27	26	2	5.31	+0.57	10	10	11	9
1906	45.2	−7.5	83	26	10	20	5.69	+0.95	8	6	17	11
1907	61.9	+9.2	96	21	25	2	3.22	−1.52	14	8	9	6
1908	59.5	+6.8	93	16	21	10	3.79	−0.95	11	9	11	8
1909	52.7	0.0	84	2	16	15	3.71	−1.03	13	8	10	8
1910	60.7	+8.0	92	23	22	2	1.39	−3.35	20	7	4	3
1911	56.6	+3.9	94	9	15	16	2.17	−2.57	16	9	6	6
1912	45.8	−6.9	86	19	10	1	7.86	+3.12	7	7	17	12
1913	49.7	−3.0	88	31	8	2	4.74	0.00	14	9	8	7
1914	50.0	−2.7	86	30	4	20	5.13	+0.39	12	8	11	9
1915	42.5	−10.2	73	28	14	1	3.54	−1.20	9	7	15	7
1916	54.5	+1.8	91	21	11	3	1.93	−2.81	16	6	9	5
1917	53.0	+0.3	87	26	9	5	5.32	+0.58	14	5	12	11
1918	57.9	+5.2	96	5	16	14	1.31	−3.43	11	5	12	4
1919	53.2	+0.5	86	22	11	1	5.47	+0.73	17	5	9	6
1920	51.8	−0.9	88	27	2	7	5.31	+0.57	14	5	12	8
1921	60.8	+8.1	92	16	18	29	6.55	+1.81	11	8	12	9
1922	51.7	−1.0	83	28	7	3	8.58	+3.84	12	6	13	11
1923	49.6	−3.1	88	22	2	18	5.04	+0.30	15	5	11	8
1924	46.6	−6.1	84	29	5	10	3.27	−1.47	13	6	12	8
1925	55.9	+3.2	89	25	7	2	1.69	−3.05	18	8	7	4
1926	48.6	−4.2	86	24	11	8	5.57	+0.83	13	6	12	9
1927	53.5	+0.8	87	19	5	3	7.20	+2.46	12	7	12	12

Corrections February, 1927

Camden, date of highest temperature should be 16th.
Dumas, date of highest temperature should be 16th.
Hope, precipitation 17th should be T. , total 6.02, departure +2.03. Number days 0.01 or more should be 7. Prevailing wind direction should be S.
Huttig, number days clear should be 11, cloudy 10.
Mammoth Spring, total snowfall should be 6.3 inches.
Marshall, clear days should be 8, cloudy 10.
Rison, mean temperature should be 58.2, departure +13.8.

Climatological Data for March, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	55.4	+0.4	79	19	25	3	36	3.64	−1 62	1.57	0.0	9	8	9	14	s.	G. C. Thrash
Arkadelphia	Clark	250	31								7.23	+2.13	2.20	0.0	15	13	5	13	s.	F. J. Carpenter
Arkansas City	Desha	145	43								11 69	+6.27	2.96	0.0	12	13	5	13		Carl R. Cutting
Arlberg	Stone	700	5								7.04		2.45	0.0	9	10	9	12	n.	J. D. Reeves
Batesville	Independence	277	28	49.8	−2.4	78	19	19	4	41	8.59	+4.47	3.36	5.5	13	17	1	13	se.	Mrs Lelia 1. Teter
Bee Branch	Van Buren	700	35	51.6	−1.0	79	19	23	2†	38	7.53	+2.35	3.00	0.0	9	9	9	13	s.	J. E. Scanlan.
Bentonville	Benton	1303	22	48.8	+1.5	79	19	11	3	38	6.08	+2.26	1.40	3.2	13	13	12	6	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								7.70	+3.48	2.65	3.0	13	13	1	17	s.	Vernon C. Howe.
Blytheville	Mississippi	252	2	53.8[a]		84[a]	19	24[a]	2†	33[a]	9.34		2.14	2.5	15	16[b]	5[b]	8[b]	s.	J. M. Brooks
Booneville	Logan	465	13	54.2	−2.2	81	19	21	3	40	5.86	+2.44	3.19	0.0	11	13	9	9	s.	F. H. Randolph
Brinkley	Monroe	205	40	54.0	−1.6	82	19	28	4	34	10.93	+4.96	2.50	0.0	14	11	10	10	se.	R J. Torry
Calico Rock	Izard	361	23	50.2	+2.3	80	19	19	3†	45	5.56	+1.99	1.86	5.0	12	8	15	8	s.	W. J. Copp
Camden	Ouachita	158	42	54.8	−1.2	84	19	26	3†	45	6.52	+1.35	1.81	0.0	12	11	4	16	s.	A. B. Quarterman
Center Point	Howard	470	28	55.4	−1.6	79	18†	25	3	35	6.59	+1.52	2.90	T.	16	9	6	16	s.	John C. Floyd
Clarendon	Monroe	200	23								11.98	+6.69	2.75	T.	19	9	3	19	s.	J. W. Bishop
Clinton	Van Buren	516	6								9.64		3.80	0.0	11	9	11	11	s.	A. L. Stephens
Cold Springs	Scott	1250	1								4.04		1.50	0.0	11	11	10	10	s.	Otto Parker
Conway	Faulkner	309	44	53.8	0.0	81	19	25	3†	38	5.74	+1.05	1.02	0.0	12	15	6	10	s.	E. E. Cordrey.
Corning	Clay	293	34	52.9	+1.7	78	17	22	2†	34	7.42	+2.72	2 44	3.1	11	20	2	9	se.	Winfred D. Polk
Dam No. 1‡‡	White	190	4								5.34		1.05	T.	13	9	3	19	sw.	J. O. Yingling
Danville	Yell	327	11								4.25	−0.05	1.15	1.0	8	8	14	9	w.	C. P. Evans
Dardanelle	Yell	330	41	53.8	+1.4	83	19	24	3	34	4.06	−0 40	1.08	0.0	11	10	18	3	se.	G. N. Goodier, Jr.
Dumas	Desha	162	21	55.1	−2.3	84	18†	26	4	33	14.04	+8.19	5.58	0.0	14	7	12	12	s.	Ben Johnson.
Dutton	Madison	1590	24	47.4	−0.7	77	19	5	3	43	5.12	+0.72	1.36	0.5	11	11[a]	9[a]	10[a]	s.	J. M. Ricketts.
El Dorado	Union	270	26	57.8	+1.4	85	19	26	3	40	7.35	+2.91	2.00	0.0	14	9	5	17	sw.	J. J. Babb
England	Lonoke	229	20	54.6	−0.6	83	19	25	4	36	8.41	+3.12	4.28	0.0	13	13	6	11	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	50.6	−0.4	79	19	12	3	41	6.84	+2.92	2.00	3.5	10	12	10	9	se.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	49.6	−0.3	78	19	11	3	41	4.40	+0.32	1.06	0.0	8	13	12	6	s	University of Arkansas
Fort Smith	Sebastian	457	46	52.8	+0.2	82	19	25	3	37	2.93	−0.69	1.25	T.	11	10	6	15	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								5.26		1.59	T.	12	15	7	9	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								8.84	+4.27	3.70	0.0	9	10	3	18		T. J. Logan
Georgetown	White	200	15								7.55	+1.82	1.98	0.0	11	13	1	17	s.	W. R. Owens.
Gilbert	Searcy	675	4								4.41		1.05	5.0	14	11	11	9		Ben F. Battenfield
Gravette	Benton	1250	30	50.0	+6.2	79	19	14	3	44	4.55	+0.85	1.30	0.0	10	13	11	7	s.	A. F. Stevens
Harrison	Boone	1052	26	51.5[b]		82[b]	11	11[b]	3	43[b]	4 97	+1.80	1.15	5.0	9	12	9	10	s.	G. L. Wright
Helena	Phillips	193	55	54.2	+0.4	85	19	25	3†	36	13.38	+7.20	5.80	0.0	13	10	0	21	n.	James A. Burnett
Higden	Cleburne	445	9								7.22		2.69	1.0	10	9	11	11	w.	Geo. W Baker
Hope	Hempstead	377	56	56.6	−1.4	83	18†	26	3	38	4.70	−0 60	2.27	T.	8	13	3	15	sw.	N. P. O' Neal
Hot Springs	Garland	600	36	51.8[i]	−2.5	76[i]	10†	23[i]	3	35[i]	6.51	+1.23		0.0		5[i]	7[i]	11[i]		P. P. Patraw
Huttig	Union	175	20	59.4	+1.0	87	31	27	3†	38	13.92	+8.25	9 00	0.0	6	10	11	10	nw.	J. L. Collett
Index	Little River	275	2								8.83		3.48	0.0	12	9	2	20		H. D. Sanderson
Jessieville	Garland	750	1								5.70		2.40	0.0	11	11	6	14	s.	George Casey
Jonesboro	Craighead	345	32	52.8	0.0	84	7	21	3	33	5.14	+0.23	1.50	T.	14	22	1	13	ne.	Benedictine Sisters
Junction	Union	182	33	57.8	+0.6	86	19	25	3	38	4.49	−0.90	2.77	0 0	5	15	3	13	sw.	J. A. Lowderback
Lambrook	Phillips	155	4																	G. B. Lambert Co.
Little Rock	Pulaski	357	48	54.0	+1.0	81	19	26	3	35	6.89	+1.95	2 83	0.0	16	9	8	14	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	47.6		73	19	16	3	38	6.71		1.79	0.4	12	16	8	7	s	I. C. Sutton
Lutherville. ‡‡	Johnson	775	29	51.4	−1.0	78	19	20	3	32	8.86	+5.09	5.21	0.5	9	11	8	12	se.	H. G. Leuhardt
Magnolia	Columbia	315	8	59.4		84	18†	29	3	41	2.65		1.02	0.0	6	8	9	14	s.	State Agri. School
Malvern	Hot Springs	277	40	55.0	+0 9	83	19	22	3	39	10.67	+5.42	3.85	0.0	17	14	5	12	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	51.4	+0.7	77	19	20	3†	39	3.67	+1.19	1.02	T.	10	15	6	10	s.	E. C. Bellamy
Marianna	Lee	235	15	55.0	+0.2	83	19	26	3	44	11.41	+5.73	4.86	0.0	13	17	8	6	s.	C. N. Houck
Marked Tree	Poinsett	229	22	51.2		79	18	23	3	30	8.91	+3.90	2.55	0.3	16	12	8	11	ne.	Charles Walton
Marshall	Searcy	1070	13	51.2	−2.4	78	19	12	3	38	6.75	+2.50	2.02	5.0	9	12	8	11	sw.	A. J. Park
Mena	Polk	1185	39	52.8	+0.2	78	19	23	3	37	4.25	−0.72	1.48	0.0	13	13	7	11	e.	E. W. St John
Morrillton	Conway	347	6	54 4		79	19	26	3	38	3.13		0.65	0.0	7	10	10	11	se.	John Cook
Mountain Home	Baxter	800	13	54.0[c]	+3.4	80[c]	19	22[c]	4	39[c]	2.97	+1.54	0.65	0.0	7	12[c]	9[c]	7[c]	w.	B. S. Halbert
Mount Ida	Montgomery	650	28	53.6	+0.4	80	18	18	3	45	7.93	+3.12	2.86	0.0	12	10	8	13	sw.	G A. Whittington
Newport	Jackson	231	43	54.2	+1.6	79	31	24	3	36	6.52	+1.63	1.81	0.0	14	6	23	2	n.	A. C. Wilkerson
Oden	Montgomery	800	1								6.30		1.39	0 0	13	11	5	15	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	52.8	−2.0	81	19	22	3	35	7.69	+2.27	1.15	0.4	14	10	6	15	n.	June Thomason
Ozark ††.	Franklin	450	31	53.6[i]	+0.2	82[i]	19	28[i]	2	35[i]				0.0			11[h]	4[h]	8[h]	e	Isham Burrow
Patterson	Woodruff	196	11								6.32	−0.29	2.10	0.0	13	12	6	13	s.	W. E Baker
Pindall	Searcy	1500	5								4.53		1.30	1.0	9	14	9	8	se.	W. W. Wood
Pine Bluff	Jefferson	215	40	56.0	+1.2	86	19	26	4	40	8.04	+2.53	2.00	0.0	16	14	6	11	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	34	52.0	+0.4	77	19	20	1	33	7.36	+2.71	2.50	1.0	11	12	2	17	s.	Benedicitine Sisters
Portland	Ashley	122	21	57.2	−1.6	87	19	27	3	37	10.08	+4.82	3.31	0.0	9	9	11	11	sw.	W. E. Edmiston
Prescott	Nevada	329	39	54.4	−1.5	82	18†	26	3	36	6 95	+2.34	2.17	0.0	12	10	2	19	n.	C. D. Calhoun
Princeton	Dallas	287	21								9.91	+4.79	2.64	0.0	14	12	4	15		Mrs. F. P. Coleman
Rison	Cleveland	243	26	56.8	+1.8	86	31	24	3	35	8.91	+3.60	2.25	0.0	15	13	6	12	sw.	Mrs. M. V. Tisdal
Rogers	Benton	1385	36	50.4	+1.0	81	19	12	3	43	5.06	+1.47	1.51	2.5	10	10	10	11	sw.	Carl A. Starck
Searcy	White	236	18	53.0	0.0	80	19	23	4	37	4.26	+1.21	0.95	0.0	13	12	4	15	s.	J. T. Bell.
Springbank ‡‡	Miller	240	20								6.86	+2.07	2.60	0.0	8	9	1	21		Miss Grace Field
Story	Montgomery	700	3								7.52		1.57	0.2	11	12	4	15	n.	S. C. Story
Stuttgart	Arkansas	228	40	53.9	−0.1	82	19	25	2	31	9 35	+3.58	2.67	0.0	16	13	10	8	se.	Adam F Buerkle
Subiaco	Logan	1050	30	54.4	+0.8	82	19	22	3	38	8.03	−5 22	2.90	0.0	13	15	3	13	s.	New Subiaco Abbey
Texarkana	Miller	332	41	57.3	+0.5	87	19	26	3	40	4.56	+0.37	1.70	0.0	8	12	2	17	n.	H S. Brashear
Thornburg	Perry	650	3	51.6		77	18†	15	3	43	7.62		1.50	0.0	13	12	9	10	sw.	Edward E. Holmes
Waldron	Scott	675	8								4.02		1.73	0.0	10	10	4	17	sw.	Dr. Cheves Bevill
Warren	Bradley	206	33	55.8	−0.3	84	31	26	3	32	8.63	+3.05	5 65	0.0	6	13	5	13	s	W I. Shide
Waters	Montgomery	800	3								8.66		2.21	0.0	8	13	1	17	sw.	J. R. Huddleston
Whitecliffs	Little River	290	23								9.02	+4.83	2.60	0.0	8	10	4	17	sw.	Nannie O. Schirmer
Wilson	Mississippi	237	2	53.6		85	16	21	4	36	10.15		3.80	T.	14	19	3	9	se	M. W. H. Collins
Wynne	Cross	250	19	53.9	+2.3	83	19	23	3	34	10.88	+5.88	2.45	0.0	14	13	3	15	s.	E. O. Allen
Yancopin	Desha	167	3								15 70		7.30	0.0	16	10	1	29		W. E. Barton
State Means and Extremes				53.5	+0.8	87	19†	5	3	45	7.24	+2.50	9.00	2.4	12	12	7	12	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No 1, Judsonia, Ark.

Daily River Stages for March, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.2	8.0	9.2	9.2	8.8	8.7	8.6	8.4	8.2	11.1	11.7	10.8	10.0	9.7	9.0	8.9	9.0	11.2	14.5	14.7	15.3	16.8	19.4	18.7	17.0	15.0	12.3	10.7	9 8	9.2	9.6
Dardanelle	do	20	5 2	5.5	6.0	6.7	7.0	6 9	6.6	6.8	6.9	6.6	7.8	9.7	9.6	8.5	8.0	7.5	7.2	12.1	13.9	14.1	13.6	13.5	15.1	16.6	16.0	14.6	12.8	10.8	9 2	8.4	7.6
Little Rock	do	23	4.0	4.1	4.3	4.6	5.1	6.0	6.3	6.7	6.8	6.7	6.4	6.6	9.1	9.5	8.5	7.8	7.0	6.8	12 2	14.7	15.6	15.5	15.3	16.7	17.5	16.8	15.3	13.5	11 5	9.5	8.1
Pine Bluff	do	25	8.5	8.4	8.7	8.9	9.1	9.6	10.2	11.9	11.9	11.9	11.6	11.5	12 0	13.9	13 9	13.1	12.1	11.6	11.7	17.2	18.7	19.1	18.8	19.1	20.3	20.6	19.5	18 7	16.9	14.9	13.6
Yancopin	do	29	34.8	34 2	33.7	33.3	33.0	32.7	32.5	32 7	32.9	33.0	33.0	33.7	34.0	34.2	34.5	34.6	34.6	34.6	34 6	34.8	35.4	35.7	36.0	36 4	36 8	37.2	37.7	38.2	38 8	39.2	39.5
Danville	Petit Jean	20	5.1	5.8	6.3	6 3	6.2	6.1	6.1	6.5	6.5	6.3	6.1	6.5	6.5	6.4	6.4	6.3	7.0	18.5	21.1	24.1	22.5	21.5	19.9	17.2	12.6	11.2	10.6	9.4	9.4	5.9	5.7

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
alico Rock....	White.. ...	18	3.6	3.7	3.3	3.2	3.7	3.5	3.4	3.2	4.8	5.0	5.4	5.8	6.6	6.6	6.2	6.2	5.9	6.4	12.6	12.5	11.9	12.6	11.4	10.6	8.9	7.7	6.9	6.3	5.9	6.1	7.0
atesville	....do	23	9.3	9.4	9.0	8.9	9.3	9.0	9.4	9.4	9.6	10.9	10.9	12.5	12.5	13.1	12.6	12.3	12.2	21.8	20.0	21.4	20.5	20.2	19.4	18.3	16.8	15.0	13.8	12.9	12.3	12.4	13.2
ewport	....do	26	9.7	9.1	9.0	8.6	8.1	8.1	7.9	8.3	8.4	8.9	9.7	10.4	13.6	14.1	14.7	14.7	14.6	15.7	21.6	23.2	24.8	25.5	25.8	25.7	25 3	24.5	23.5	22.5	21.6	20.9	20.3
am No. 1	Little Red..	..	2.6	2.1	2.2	2.0	1.8	1.6	1.4	2.0	6.0	5.8	5.2	5.0	12.0	10.2	8.2	6.0	5.0	7.2	26.0	37.0	27.6	16.8	13.0	10.0	8.0	7.8	7.6	7.4	7.2	6.9	6.6
eorgetown.....	White.....	22	16.6	15.8	15.9	11.6	14.0	13.3	13.1	13.5	15.8	14.0	14.2	14.8	16.0	17.3	17.5	17.7	17.8	17.9	18.8	20 4	21.3	21.9	22.2	22.6	22.8	22.9	22.9	22.8	22.6	22 3	22.1
larendon	....do.....	30	25.8	25.5	25.2	24.9	24.5	24.1	23 9	24.5	24.4	24.3	24.2	24.4	24.7	24.8	24.9	25.0	25.1	25.2	25.5	25.5	25.8	26.0	26.2	26.6	27.1	27.5	27.9	28.2	28.4	28.6	28.8
ilbert	Buffalo. ...	30	5.0	5.0	5.0	5.0	9.0	5.0	5.0	6.2	6.1	6 0	6.0	7.2	7.0	6.8	6.7	6.6	6 5	6.9	9.6	8.2	7.8	7.0	6.8	6.4	6.1	5.9	5.8	5.6	5.9	8 4	7.3
orning	Black.....	11	9.2	9.0	8.9	8.8	8 7	8.6	8.6	8.6	8.5	8.6	8.6	8 8	10.3	11.5	12.0	12.2	12.2	12.3	12.4	13.0	13.4	13.5	13.6	13.5	13.3	13.2	13 0	12.8	12.6	12.3	12.0
lack Rock	....do.....	14	7.4	7.2	7.0	6.8	6.5	6.3	5.9	5.7	5.7	5.6	5.6	7.3	9.8	10.3	10.4	10.4	10.3	15.0	18.3	19.0	19 9	19.9	19.6	19.5	19.5	19.5	19.5	19.3	19 0	18.5	17.9
atterson	Cache	9	7.7	7.9	7.9	7.9	7.8	7.6	7.3	7.0	6.9	6.9	6.9	7.1	7.8	7.6	7.9	8.2	8.4	8.6	8.8	8.9	9.0	9 3	9.6	10.0	10.3	10.4	10.5	10.4	10.2	10.1	10.0
rkadelphia ..	Ouachita...	18	5.0	4.0	3.5	3.5	2.6	2.0	3.4	18.6	15.0	9.0	6.2	8.6	8.6	7.2	5.5	4.7	4.3	4 2	9.5	11.0	8.5	6.2	5.6	4.2	3.9	4.0	4.2	3.7	4.3	4.8	4.3
amden	...do.....	30	11.2	18.3	23.0	24.5	25.0	25.0	24.2	23.1	26.0	29.5	32.6	35.0	34.8	33.9	33.1	32.1	30.9	29.5	27.5	26.2	26.8	27.4	27.1	25.9	24.0	21.3	19.9	18.0	17.0	16.9	18.8
ulton	Red.....	28	14.4	20.5	24.2	25.1	24.3	23 7	21.3	22.2	24.2	24.9	24.6	24.0	23.4	23.0	22.5	22.2	21.3	20.3	19.2	20.8	22.0	21.7	21.3	21.0	20.3	19.6	18 3	16.8	15.3	14.3	14.0
oringbank	....do	37	14.6	16.6	23.6	27.1	27.0	25.0	23.0	22.8	22.3	23.7	24.3	24.1	24.1	24.3	24.2	24.2	24.1	23.4	22.6	22.0	22.8	23.1	22.9	22.4	21.7	20.5	19.5	18.5	17.8	16.8	15.6
hitecliffs	Little	28	11.6	19 5	27.0	22.0	19.9	19.0	17.9	22.4	25.1	26.3	25.9	25.0	24.4	23.5	22.8	21.2	19.4	17.9	18.1	20.6	23.8	23.4	21 0	17.8	17 3	15.5	13.9	11.8	9.8	8.3	9.1
larked Tree..	St. Francis.	17	14.5	14.1	13.7	13.2	12.7	12.7	12.5	12.4	12.5	12.5	12.4	12.7	13.8	14.1	14.1	14.0	14.0	13 9	13.9	13.8	14.1	14.8	15.3	15.7	15.9	16.1	16.3	16.3	16.4	16.5	16.5
elena	Mississippi..	44	40.6	40.1	39.8	39.6	39.5	39.5	39.8	40.4	40.9	41.1	41.3	41.9	42.3	42.4	42.6	42.7	42.8	43.0	43.4	43.9	44.5	45.2	45.8	46.5	47.1	47.8	48.6	49.3	49.9	50.5	50.8
rkansas City..	do.....	48	48 3	47.8	47.2	46.7	46.2	45.7	45.1	45.3	45.3	45.3	45 4	45.8	46.2	46.5	46.8	47.0	47.2	47.3	47.4	47.6	47.8	48.2	48.7	49.2	49.7	50.2	50.9	51.5	52.1	52.8	53.2

Daily Precipitation for March, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
mity. ...	Ouachita.	.56					1.57				.47	.03							.15		.34					.21		.25		.06		3.64
rkadelphia	Ouachita	2.20				.10	.74	1.74	.31	.01		.38							.10		.66			.04		.17	.03	.34	.38	.03			7.23
rkansas City	Mississippi	2.35	.02					.89	.78			2.96	1.02								.76			.35			.08	.18		.84	1.46	11.69
rlberg	White.....						.62				1.28	.41						1.11	2.45		.27			.10						.68		.12	7.04
atesville	White.	.76	T.				.06	.71				.67	.06					.46	3.36	.08	.77	1.02		T.						.53	.07	.04	8.59
ee Branch	Arkansas.						1.12		.05		.60	.29						.53	3 0		.77				T.	.10				1.07			7.53
entonville ***	Arkansas	.26					.41				.25					.48	1.02	.28	.70	.43		T.	.29					.10	1.30	.16	.40	6.08
lack Rock. ...	White..	.43	T				.03	.30				1.30	.05				.48	2.65	.05	.95	.51								.63	.26	.06	7.70
lytheville.....	Mississippi....	.72	.17			T.	.27	1.13	.40			2.14	.96				.20	1.30	.18	.12	1.20		.15						.29	.11	T.	9.34
ooneville	Arkansas.....						.17				.14	.01				1.00	3.19			.85		.03					.03	.20	.01	.23	5.86
rinkley	White	.70	.10			T.	.05	2.00	2.05	.62	T.	2 50	.22						.95	.11	1.10		.10					.20	.23		10.93
alico Rock	White ...		.49				.11	.29			T.	.77	T.				.62	1.86	T.	.24	.18		.05					.84	.02	.09	5 56
amden	Ouachita ...	1.81				.04	.02	.90	.42			.97								.05	.79		.12			.10			1.03	.27	6.52
enter Point.....	Red	.78				.30	2.90	.14	.06		.63	.05						.05	.08		.45		.04			.10	09		.20	.70	.02	6.59
larendon ...	White.....	.87	.05			.17	.96	2.70	.70		.03	2.75	.20					.27	.08	1.55	.02	.93			.13		.20	T.		.10	.19	.08	11.98
linton	White.	1.28	.49				.62		.06		1.84							.74	3.80		.38			13						.43		.37	9 64
old Springs	Arkansas						.20				.40	.03						1.50		.90	.20			T.		T.	T.		.30	.01		.50	4.04
onway	Arkansas. ...					.04	1.01	.64			.51	.06						1.02	.61		.97	.11		.04						.46	.27		5.74
orning	White	.45					.39				.24	1.57						.47	2.44	.74	.51	.12								.37		.11	7.42
am No. 1. ...	White	.02				.33	.48	.18			1.02							.60	.04	1.05	.46			.15					.42	.31		.28	5.34
anville	Arkansas....	1 15					T.	.42	.05			.68						1.10	.48		T.	T.								.21	.02	.01	4.06
ardanelle ...	Arkansas	.49					.56	.35	.03			.41						.76	1.03		.19									.67	.01	.54	5.12
ummas	Mississippi....	.68				.06	T.	.82	.40	.90		80	5.58					T.	T.		1.65	T.		.22			.40	.26		1.17	.90	.20	14.04
utton	White	.02					.47					.56	.38				T.	.70	1.36		.24			.17									4.25
l Dorado ...	Ouachita	1.90				.01	.03	.88	.46			.02	2.00	.05					.03			.75			.23			.02			.21	.55	.22	6 89
ngland	Arkansas	.43					4.28	.03	.42			.70	.80						.35		.52	.01					.26	.09			.27	.25	T.	8.41
ureka Springs	White	.35					.61					81						2.00	.20	.56	.97			.05						.83	T.	.80	4.40
ayetteville....	White						.34					.35	T.					1.06	.06	T.	.82			.09					T.	.88	T.	.20	2.93
ort Smith ***	Arkansas....	T.			T.		.16					.41	.01				T.	.99	.32	.16	.12			.01		T.			.07	.48	T.	.20	5.26
reaman Sprgs.	Arkansas . ..	.59	T.				T.	.49				T.	.75	.03				.88	1.59		.14	.09		T.	.06					.56	.02	.06	8.84
ulton	Red.....	3.70					.22	1.53	.56			1.03							T.		.30	.90						.20			.40		7.55
eorgetown ..	White	.58				28	.70	.98	.63		T.	T.	1.98					T.	T.	.93	T.	.37			.10						.83	.17		4.41
ilbert	White.....	.75	.05				T.	.20	.14				.40	.05				.30	.81		.19	.03			.14				T.	1.05	.03	.27	4.55
ravette	Arkansas.....	.30						.63				.40						.21	.11	.08	1.09			.02						1.30		.41	4.97
arrison.....	White	.50						.36				.71	.52					.31	.35		.25									1.15		.82	13.38
elena	Mississippi....	1.00				T.	.04	.12	1.30	.74			5.80	2.12					T.			1.06								.04	.72		7.22
igden	White.....	.10						1.02				1.04						.69	2.69		.89			.12			.10			T.	.56	T.	4.70
ope	Red	.10				T.	T.	2.27	.58			.30	.10								.76			.03		T							
ot Springs.....	Ouachita	.44					*	2.00		.25		.90	*	*	*	*	*	*	*	*	1.58				.02		.61			.18	.45	.08	6.51
uttig.....	Ouachita.....	1.50							1.81			9.00									.42	.58									.61		13.92
ndex	Red	3.48						.25	2.82	.50		.02	.50								.43	.58	T.	.07			.13			.08	.02		8.83
essieville	Ouachita.....					.40	2.40					.50					.20	.60	.40	.20						.50			.10	.30	.10		5.70
onesboro	White	.10	.09			.02		1.04		.10		.46	1.50					.10	.80		.41	.03		.01						.46	T.	.02	5.14
unction.	Ouachita.....						.72	.47					2.77								.28				T.							.25	4.49
Little Rock ***	Arkansas....	.19				T	.69	2.74	.32	.03		.15	.24				T.	.08	.74	T.	.49	T.		.08		.03	.22			.21	.55	.22	6.89
urton	White.....	.20						.43				.96						.56	1.79	.01	.43	.02		.05						.83	.03	1.40	6.71
arberville	Arkansas.	.26						.17				.94	.04				T.	.71	5.21		.76									.30		.47	8.86
agnolia.....	Red.....					.02		1.02				.09	.30								1.00										.22		2.65
alvern	Ouachita.....	1.55					.01	1.45	3.85	.50		.03	.43						.21	.10	.10	.50		.03		.61	.02			.82	.08	.38	10.67
ammoth Spg.	White	T.						.22				.58	.26					.68	1.02	.20	.42			.02						.24		.09	3.67
arianna	Mississippi....	.47				.02		2.38	.04	.68		.45	4.86					.10	.36		1.22					.14				.32	.37		11.41
arked Tree ..	Mississippi...	.48	.08			T.		.21	1.14	.87		T.	2.55	.81				.07	.12	.28	.07	1.01			.18					.11	.45	.48	8.91
arshall.....	White...	.35	.15					.75				.82	T.					1.05	2.02		.30									1.29		.02	6.75
ena	Ouachita.....	.85				.15	.47	.30	.02									.60	1.48		.08	.11			.01					.10	.07	.01	4.25
orrillton.	Arkansas.....						.51		.26		.65							.45	.44		.52									.30			3.13
ount Home..	White.....						.50				.44							.55	.65		.10			T.						.43		.30	2.97
ount Ida	Ouachita.....	.29				.13	2.86		.15		.65							1.10	1.35		.31					.65				.33	.03	.08	7.93
ewport	White	.20	.21				.03	.72	.14			1 81	.08						1.09	.08	.99	.39			.11						.46	.21		6.52
den	Ouachita	.43				.04	.68	.54			.87	.01						.91	1.39		.16					.74					.16	.12	.25	6.30
sceola.....	Mississippi....	.40	.20				.37	.95	.58					.80	.18			.85	62	.25	1.15			T					.21	.83		.30	7.69
zark	Arkansas.....																	1.33	1.54		.20			.16					.24		.25	.16	
atterson ...	White.....	.11	.05				.66	.94	.62		.06	2.10						.05	.15	.20		.64									.68	.06		6.32
indall.....	White.....	.23					.40				.51							.38	.80		.32			.09						1.30		.50	4.53
ine Bluff	Arkansas.....	1.23	.10				.03	2.00	.50		.02	1.08	.03								.05	.75			.03		.60	.15		.60	.85	.02	8.04
ocahontas. ...	White.....	.64					.30				.82	.85						.35	2.50	.30	1.03	.15								.32		.10	7.36
ortland	Ouachita	1.52						1.08	.87			3.31	.24									1.02		.18						1.25	.61	10.08
rescott	Ouachita...	2.17					.28	1.72	.53		.44							.05	T.	.46	.41			.13		T.		.14	.51	.11		6.95
rinceton	Ouachita	2.64	.15				.25	1.25	.49			.78	.10								.15	.67			.15	.23				.54	.81	1.70	9.91
ison	Ouachita	2.25					.20	1.40	.40		.15	1.15						.95			.08	.37			.10		.40	.48		.60	.90	.38	8.91
ogers	Arkansas.....	.26					.28				.26					.12	.89		.26	.91			.06					T.	1.51	T.	.51	5.06
earcy	White.....	.07					.96		.31		.12	.64					.30	.13		.71	.06				.10					.61	.23	.02	4.26
pringbank ...	Red	2.60					.03	1.15	.96		T.	.69								.35	1 00	T.	T.	T.						.08			6.86
tory	Ouachita.....	.30					1.40			.40	.91							1.57	1.56		.22			.02		.45	.52					.17	7.52
uttgart	Arkansas.....					.31	2.67	.69		.05	2.42	.47							11	.04	1.05	.02		.16		.44	.04		.03	.63	.11	.13	9.35
ubiaco	Arkansas....	1.00					.24				.42	.02					T.	1.75	2.90		1.05	.02		.08					.02	.23	.01	.29	8.03
exarkana ...	Red.....						1.70	.62			.70							.10			.30	.94			.05		.15						4.56
horaberg.....	Arkansas	.76		T.		.06	.96		.34		.73	T.						1 50	.69		1.35			.02		.09			.73	.12	.22	7.62
aldron.....	Arkansas					T.	T.	.12			.43	.03					T.	1.73	.63		.24			T.		.25		.05	.10		.34	4.02
arren	Ouachita.....					T.		.65			5 65										1.08	T.		.25					.60	.49		8.63
aters	Ouahita.....						.10	1.60			2.21							.49	2.18											.10	.49		8.66
hitecliffs....	Red	2.60						1.68	1.47	.44			.51						1.16		T.	.72									.44		9.02
ilson.....	Mississippi....	T.				T.	.60	1.20	.68		3.80	1.00				.40	.07	.38		1.30			.12					.14	.20	.12	.14	10.15
ynne.....	Mississippi....	.80					T.	.40	1.70	.70	T.	2.45	.50				.15	.15	1.86	.12	1.02				.08					.75	.20	T.	10.88
ancopin	Arkansas.....	2.45	.04				.03	.05	.75	.56		7.30	.50										.78	.03		.16		.78	.53		.60	.68	.46	15.70

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

* Precipitation included in the next following measurement.

Daily Temperatures for March, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	57	52	49	63	68	64	61	62	62	64	62	64	66	71	75	71	77	78	79	76	68	61	57	62	69	66	68	72	66	67	74	66.2
	Minimum	31	30	25	27	36	54	57	46	40	44	53	56	35	36	41	51	63	64	66	40	32	30	37	36	41	56	46	45	45	53	64	44.5
Batesville§§	Maximum	36	38	49	54	61	68	62	61	63	69	59	65	61	72	72	73	74	75	78	61	46	61	60	57	65	63	62	64	55	67	75	62.2
	Minimum	28	24	24	19	20	38	46	35	36	38	41	50	35	31	33	35	43	56	58	60	34	28	29	37	34	43	44	35	38	44	48	37.5
Bentonville	Maximum	34	34	42	53	67	68	60	54	62	68	64	57	57	69	72	70	68	73	79	41	39	53	55	54	65	55	63	61	61	72	67	59.4
	Minimum	25	17	11	28	40	36	40	34	36	49	54	41	36	35	45	52	43	47	41	29	27	26	38	34	42	37	39	42	45	52	59	38.1
Bee Branch	Maximum	35	40	50	53	63	65	63	58	61	66	64	68	66	69	72	71	71	73	79	78	49	52	57	57	67	67	63	63	61	64	74	62.5
	Minimum	27	23	23	24	42	40	54	37	36	40	48	55	37	34	38	42	54	53	64	40	32	26	37	34	35	48	45	40	43	48	61	40.6
Blytheville	Maximum	35	45	..	57	60	70	65	65	65	66	62	62	60	68	71	74	78	70	84	72	51	52	63	60	68	67	61	63	56	74	77	64.0
	Minimum	31	24	..	24	37	47	52	42	42	40	42	55	42	41	40	45	56	58	56	51	37	35	41	39	46	49	40	44	44	49	62	43.7
Booneville	Maximum	36	43	49	59	69	71	67	58	67	70	67	65	61	72	78	73	72	80	81	76	48	57	61	60	71	67	66	63	61	69	74	64.9
	Minimum	29	29	21	31	50	41	57	39	38	47	54	49	38	32	44	52	53	57	68	36	31	28	40	33	43	52	50	46	49	50	60	43.5
Brinkley	Maximum	36	42	50	56	62	67	65	60	63	65	60	64	62	70	73	76	77	76	82	76	52	55	55	56	67	65	65	67	61	74	79	63.8
	Minimum	31	28	25	23	39	52	56	46	42	41	51	56	41	36	40	46	60	60	65	51	36	29	39	37	38	55	49	41	46	50	64	44.3
Calico Rock§§	Maximum	38	39	52	55	66	72	60	64	67	71	60	70	63	75	75	75	73	76	80	51	45	55	61	59	66	65	64	67	56	71	73	63.4
	Minimum	27	23	19	19	21	36	36	33	34	37	47	51	41	32	31	35	41	56	58	50	34	28	29	38	36	46	38	36	37	45	50	37.0
Camden§§	Maximum	40	47	52	60	66	73	69	58	65	67	67	65	63	76	80	77	82	83	84	68	53	59	53	61	72	60	66	74	62	78	82	66.5
	Minimum	32	31	26	26	27	49	55	50	42	41	43	54	38	35	35	41	47	63	66	67	36	32	32	32	36	42	51	48	48	53	57	43.1
Center Point	Maximum	39	45	51	56	63	65	63	63	62	64	61	63	63	72	74	70	76	79	79	75	53	63	61	62	76	67	63	70	67	70	73	61.8
	Minimum	31	29	25	33	50	50	57	46	40	44	54	52	36	56	49	52	63	63	66	40	30	28	42	33	41	53	50	48	51	53	63	46.1
Conway	Maximum	37	43	50	55	65	67	62	60	63	67	63	71	61	72	74	72	76	77	81	76	49	55	59	53	71	68	64	66	61	70	75	64.0
	Minimum	29	29	25	25	46	45	56	42	40	42	51	57	38	34	41	48	57	60	68	42	34	28	36	37	39	53	49	40	46	50	64	43.6
Corning	Maximum	60	48	52	49	59	64	67	62	65	65	66	62	64	67	73	76	78	76	72	76	59	56	64	57	63	66	61	64	61	66	64	63.9
	Minimum	30	22	22	24	42	49	52	37	43	47	50	56	39	36	39	45	56	51	54	42	36	33	44	37	48	46	37	37	44	50	52	41.9
Dardanelle	Maximum	37	44	48	55	64	66	65	61	63	68	64	68	61	68	78	75	73	75	83	75	51	53	64	55	73	69	63	63	62	65	73	63.9
	Minimum	30	30	24	29	48	45	55	41	39	44	44	54	37	34	44	51	55	58	65	58	33	29	40	35	41	45	42	45	18	50	60	43.6
Dumas	Maximum	38	44	50	59	63	71	70	60	63	66	63	62	64	69	74	79	80	84	84	73	50	50	58	57	69	61	65	68	59	77	83	64.9
	Minimum	33	30	30	26	40	55	58	45	42	37	53	53	44	38	59	47	61	56	63	46	37	31	35	37	38	51	46	48	48	54	63	45.3
Dutton	Maximum	32	34	44	48	61	65	60	54	58	64	67	65	56	68	71	69	69	72	77	70	40	50	55	54	63	61	..	65	60	69	66	59.6
	Minimum	23	18	5	20	42	29	50	27	28	41	49	45	36	25	35	47	47	46	61	29	24	18	32	29	33	40	..	34	42	48	56	35.3
El Dorado	Maximum	40	48	54	63	68	78	74	63	67	70	65	64	64	75	78	80	75	84	85	79	51	60	60	63	72	66	65	76	74	77	84	68.5
	Minimum	33	32	26	30	49	58	63	45	42	42	53	52	41	38	38	48	63	65	67	48	36	33	38	36	41	58	54	51	58	60	64	47.2
England	Maximum	37	42	50	55	65	67	63	63	63	65	61	65	64	72	74	78	80	81	83	77	48	54	55	57	70	65	68	70	60	74	79	64.7
	Minimum	31	29	26	25	48	52	53	46	43	43	52	57	40	36	40	46	61	61	66	41	36	30	35	36	38	53	49	41	48	51	63	44.5
Eureka Springs	Maximum	33	38	48	56	66	71	65	55	65	71	63	62	58	71	74	73	67	74	79	72	43	51	55	56	66	60	65	65	60	74	68	62.1
	Minimum	24	17	12	29	29	38	51	36	35	48	50	49	38	37	47	54	41	50	59	31	26	26	37	32	43	36	38	39	43	55	62	39.2
Fayetteville	Maximum	32	32	45	53	66	67	63	56	59	68	64	56	55	72	70	71	67	71	78	72	38	51	53	55	60	58	62	65	60	71	69	60.1
	Minimum	26	17	11	26	46	34	52	32	34	18	52	44	36	31	45	54	45	52	62	32	26	25	37	33	40	37	39	38	44	53	58	39.0
Fort Smith	Maximum	38	40	45	57	71	66	65	57	67	71	66	60	59	68	77	75	65	79	82	45	46	55	59	57	70	69	65	61	55	70	74	62.4
	Minimum	30	29	25	32	51	44	51	43	40	47	52	43	40	38	48	53	53	56	45	34	32	32	43	36	43	49	51	47	48	51	57	43.3
Gravette	Maximum	34	35	43	53	61	68	64	62	62	68	65	63	57	69	72	69	68	73	79	71	39	53	53	54	65	60	65	63	60	71	68	61.0
	Minimum	23	19	14	28	47	32	52	30	33	49	52	43	36	41	47	53	41	47	60	30	26	24	35	34	41	36	40	40	44	52	60	39.1
Harrison	Maximum	34	38	50	60	71	74	67	56	72	74	65	71	65	73	78	77	72	77	82	75	42	54	..	..	70	63	66	64	69	78	75	65.9
	Minimum	24	17	11	21	43	31	51	31	31	46	48	49	30	33	35	40	48	51	60	34	27	22	..	..	32	38	35	35	41	48	60	37.1
Helena	Maximum	37	44	51	58	63	66	65	58	63	66	59	60	62	64	75	78	78	80	85	61	60	50	57	57	69	63	64	70	60	76	81	63.9
	Minimum	34	30	25	25	35	54	57	48	43	37	50	54	39	38	39	42	59	63	62	54	38	32	36	37	37	55	49	46	46	51	62	44.4
Hope	Maximum	40	51	53	60	66	69	67	67	67	67	67	62	64	74	78	75	80	83	83	76	55	61	57	63	72	68	70	74	67	75	78	67.4
	Minimum	32	29	26	27	49	57	56	45	41	44	55	51	39	36	46	58	59	60	65	42	34	30	39	36	46	53	51	48	51	54	61	45.9
Hot Springs	Maximum	36	43	51	59	63	71	67	61	65	76	72	..	..	..	..	..	..	..	..	..	51	58	59	62	71	63	68	68	62	68	76	62.3
	Minimum	31	27	23	28	42	51	57	44	38	41	48	..	..	..	..	..	..	..	..	..	32	29	37	33	37	52	51	41	48	51	61	41.3
Jonesboro	Maximum	35	38	47	55	61	68	84	57	64	67	60	60	60	68	73	76	77	72	79	74	47	52	61	57	65	63	58	62	57	68	77	62.6
	Minimum	29	25	24	25	36	46	54	44	41	41	54	54	39	41	40	45	57	57	63	46	35	33	42	38	37	50	43	40	43	49	61	43.1
Junction	Maximum	55	57	58	63	69	78	72	64	61	68	63	65	63	73	78	81	83	85	86	75	55	60	67	62	67	71	70	74	78	81	85	70.1
	Minimum	30	31	25	26	42	55	52	49	53	41	42	46	40	35	41	44	57	62	64	47	43	31	39	37	42	47	50	54	58	62	64	45.5
Little Rock	Maximum	36	41	50	55	63	64	62	58	63	63	62	66	60	68	73	74	77	77	81	74	47	53	56	56	70	64	62	64	56	69	77	62.6
	Minimum	31	29	26	34	48	51	53	44	42	44	52	48	40	44	49	52	59	59	67	39	31	33	39	37	43	54	50	45	47	50	61	45.4
Lurton	Maximum	29	30	43	46	59	64	57	54	57	61	55	60	55	65	68	66	63	70	73	67	40	49	55	52	62	58	61	69	52	68	64	56.9
	Minimum	22	18	16	28	40	40	44	38	33	41	47	41	35	40	45	50	50	52	60	29	25	26	36	29	37	40	41	41	40	46	56	38.3
Lutherville	Maximum	34	39	47	53	65	65	60	59	61	65	59	60	58	68	74	70	70	75	78	72	47	51	58	54	67	68	62	62	57	65	69	61.0
	Minimum	29	23	20	30	44	42	50	39	36	42	50	51	40	37	42	50	52	55	65	38	30	27	38	32	39	49	48	43	45	49	57	41.7
Magnolia	Maximum	40	47	52	60	66	75	72	68	65	66	66	62	70	74	76	75	77	84	84	79	75	76	68	62	73	67	65	71	69	77	81	69.2
	Minimum	32	31	29	35	52	58	54	54	43	46	54	52	47	49	52	56	65	75	67	45	35	35	40	37	46	56	54	53	58	58	65	49.5
Malvern	Maximum	39	47	52	59	65	65	64	60	65	69	65	68	64	71	76	74	80	82	83	78	54	59	59	62	72	69	67	69	65	71	79	66.2
	Minimum	31	29	22	25	48	55	59	46	41	41	49	56	38	35	37	44	50	64	67	42	31	29	35	34	37	54	50	43	48	52	63	43.8
Mammoth Spg	Maximum	37	38	49	54	64	65	62	60	72	67	65	64	64	69	74	74	75	74	77	76	45	53	60	55	65	65	62	64	60	70	71	62.9
	Minimum	29	22	20	20	39	37	53	32	39	42	48	54	56	32	35	39	55	57	57	42	32	28	43	31	37	42	35	34	42	48	58	40.0
Marianna	Maximum	37	40	48	55	62	65	65	61	63	64	60	62	68	69	72	75	77	78	83	81	81	52	55	55	65	65	65	65	63	72	77	61.5
	Minimum	32	29	26	35	40	54	53	49	43	41	52	55	41	40	44	47	58	63	67	40	37	34	40	38	39	53	49	48	47	51	61	45.5
Marked Tree§§	Maximum	33	44	55	58	63	60	60	60	58	56	57	60	68	70	66	70	71	79	67	44	50	55	54	55	55	61	59	51	66	71	71	59.6
	Minimum	27	27	23	29	45	50	44	42	41	42	51	41	41	41	43	48	58	60	65	36	36	37	38	39	40	45	43	44	44	49	62	42.9
Marshall	Maximum	34	35	45	52	62	70	64	58	63	62	64	68	62	70	72	72	69	75	78	74	43	51	52	55	65	64	62	64	59	73	73	61.6
	Minimum	26	18	12	25	44	38	52	34	35	45	49	56	40	32	48	57	52	56	63	38	30	25	40	34	41	43	41	38	43	50	62	40.9
Mena	Maximum	33	39	49	57	62	61	62	56	65	69	64	63	65	71	74	69	73	77	78	72	46	60	56	63	68	64	66	65	60	62	70	62.6
	Minimum	28	28	23	27	45	46	55	42	37	47	52	49	37	34	42	52	54	57	66	35	29	27	38	33	42	51	51	45	49	52	60	43.0
Morrillton	Maximum	37	42	49	54	63	68	66	59	62	67	63	67	61	70	71	72	75	77	79	78	49	53	63	56	70	68	64	66	65	68	75	63.9
	Minimum	29	30	26	30	44	48	56	43	40	43	51	56	41	37	45	49	57	59	66	40	34	31	39	48	40	53	59	41	47	50	62	45.0
Mountain Home	Maximum	..	..	..	55	65	73	63	61	68	74	68	71	60	72	77	76	69	78	80	74	44	53	62	57	68	63	65	67	58	73	73	66.7
	Minimum	..	..	..	22	42	37	53	31	34	43	34	54	41	33	39	39	52	55	50	36	30	25	40	35	38	40	36	38	45	48	60	41.2
Mount Ida	Maximum	34	45	53	58	62	67	63	58	65	67	62	69	65	73	76	70	77	80	79	71	51	60	60	64	72	64	67	67	64	67	74	64.7
	Minimum	30	33	18	20	50	46	56	39	36	41	54	51	34	28	53	50	58	58	68	37	31	24	32	32	33	50	50	37	48	57	63	42.5
Newport	Maximum	36	41	51	58	64	70	62	64	66	70	59	67	64	71	75	74	77	77	74	69	59	55	61	58	67	67	61	67	60	69	79	64.3
	Minimum	29	25	24	39	42	45	54	52	54	40	47	55	39	38	39	46	57	59	60	43	34	32	44	38	40	51	46	40	44	49	61	44.2
Osceola	Maximum	35	36	41	50	57	59	73	61	62	65	65	60	60	71	72	74	78	68	81	63	47	53	63	64	65	67	60	63	57	70	76	61.8
	Minimum	30	26	22	25	36	45	53	43	43	42	49	50	42	55	51	39	57	58	66	39	36	39	39	41	43	45	43	45	44	51	58	43.7
Pine Bluff	Maximum	37	47	55	61	61	67	64	59	66	69	63	65	65	74	80	79	82	85	86	76	53	59	51	65	73	65	69	71	60	78	81	66.7
	Minimum	31	30	27	26	46	56	57	45	43	41	53	55	39	38	40	46	64	66	65	45	36	32	36	36	42	53	49	45	48	52	64	45.4
Pocahontas	Maximum	35	39	52	54	61	67	62	62	66	68	62	62	61	67	72	75	73	73	77	75	45	54	62	59	64	61	62	65	61	66	71	62.5
	Minimum	20	24	24	33	39	42	54	37	42	42	47	55	37	36	39	42	56	58	58	45	37	30	44	36	41	46	39	39	44	49	61	41.4
Portland	Maximum	39	45	50	60	66	82	76	66	60	68	65	65	65	70	78	81	81	85	87	78	56	56	61	61	72	68	66	70	68	76	85	68.0
	Minimum	34	34	27	28	41	55	63	45	44	38	53	55	43	40	41	41	60	66	65	55	40	34	35	40	38	54	51	49	53	55	62	46.5
Prescott	Maximum	39	40	50	59	66	70	62	60	65	66	65	63	64	72	76	78	78	82	82	75	56	54	57	61	72	68	68	73	66	74	76	65.9
	Minimum	32	32	26	30	46	52	61	49	42	44	48	52	43	36	42	46	47	51	58	48	31	36	36	31	37	49	42	49	46	42	51	43.0
Rison	Maximum	43	48	51	59	65	71	64	64	68	70	68	64	69	73	76	81	79	82	83	83	54	61	59	64	70	73	68	73	67	75	86	68.1
	Minimum	32	31	21	29	45	55	55	48	42	41	52	54	41	39	43	47	61	65	67	45	35	30	37	35	40	54	47	46	48	53	63	45.4
Rogers	Maximum	35	36	45	56	68	71	65	56	65	71	64	61	59	71	76	73	68	77	81	74	43	54	56	56	67	62	65	65	62	72	69	62.7
	Minimum	25	19	12	22	47	32	52	29	30	49	53	46	38	30	31	53	46	49	58	31	27	23	37	32	44	37	37	37	44	53	59	38.2
Searcy	Maximum	38	40	50	55	64	66	62	60	62	65	62	66	63	70	73	74	75	75	80	77	48	56	60	56	67	65	64	66	61	66	77	63.3
	Minimum	30	26	25	23	39	49	52	42	42	39	49	53	38	34	36	56	56	61	61	43	34	29	39	35	35	52	47	39	45	50	64	42.7
Stuttgart	Maximum	44	42	48	55	63	65	62	57	62	64	60	64	62	68	73	76	80	81	82	55	48	54	53	57	68	64	63	65	60	76	79	62.9
	Minimum	29	25	27	39	47	56	46	42	50	41	51	53	42	38	42	48	61	60	64	47	36	31	39	37	39	53	48	42	47	50	62	41.9
Subiaco	Maximum	46	45	49	58	68	70	67	61	66	69	64	65	61	71	78	75	73	80	82	75	49	55	62	58	72	67	65	65	59	72	75	65.2
	Minimum	29	28	22	30	51	45	56	42	38	47	52	50	39	35	44	52	55	54	66	37	31	29	40	34	40	51	48	48	47	49	59	43.5
Texarkana	Maximum	42	52	56	63	67	74	66	69	70	69	67	65	65	78	73	83	84	85	87	78	63	66	60	70	71	68	63	72	69	77	80	69.4
	Minimum	31	28	26	31	43	53	45	39	49	50	52	38	40	41	53	63	63	65	58	38	32	28	39	42	32	52	49	52	55	53	62	45.2
Thornburg	Maximum	32	40	48	54	62	66	61	56	62	66	60	65	62	70	72	69	73	77	77	72	46	50	57	57	68	63	64	63	56	66	73	61.5
	Minimum	28	26	15	20	47	59	54	36	32	43	55	49	40	27	43	50	56	57	67	37	31	23	35	34	41	51	48	33	47	49	63	41.8
Warren	Maximum	38	44	51	60	63	74	72	64	62	65	67	64	63	71	75	77	79	81	83	79	51	55	55	58	70	68	64	72	66	71	84	66.1
	Minimum	31	32	26	28	45	57	58	50	41	40	42	52	41	39	44	47	62	63	66	56	36	32	37	38	40	55	46	47	50	54	62	45.5
Wilson	Maximum	36	39	47	54	59	68	65	61	63	63	60	70	60	67	70	85	81	73	80	75	60	51	63	65	64	65	67	63	60	71	76	63.9
	Minimum	32	26	23	21	40	51	55	43	42	43	46	54	43	40	42	49	57	59	60	54	37	36	43	40	41	38	39	37	43	49	63	43.4
Wynne	Maximum	36	42	50	56	59	66	66	60	65	66	61	61	61	71	73	76	77	79	83	79	48	54	58	57	66	65	65	65	57	75	77	63.7
	Minimum	31	27	23	24	38	51	57	43	42	42	50	58	41	37	40	47	58	65	64	46	36	29	43	37	38	54	47	41	45	50	64	44.1

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., APRIL, 1927 No. 4

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GENERAL SUMMARY

High temperatures and excessive precipitation were the unusual features of the weather in Arkansas for April, 1927. Higher April means have been recorded but twice in the past 37 years and the extreme, 99° at Harrison, is the highest April temperature on record. Killing frost occurred at many northern stations on the 22d. The average precipitation for the State was 12.93 inches, the greatest average previously reported being 10.90 inches in October, 1919. The greatest monthly amount was 23.80 inches, the greatest amount previously reported being 23.50 inches at Howe in May, 1905. The rains were general from the 5th to the 21st and were heavy to excessive from the 11th to th 15th and from the 18th to the 21st. Little rainfall occurred during the remainder of the month. At Story 11.40 inches was reported on the 21st which is the greatest 24-hour amount except one on record. The rainfall was much heavier in the Ozarks than in other portions. Amounts of over 16 inches were reported over an irregular area extending from Montgomery, Garland, and Saline counties northward to Baxter county, the stations at Jessieville, Story, and Danville reporting over 20 inches. Amounts of less than 10 inches were reported in the southeastern, southwestern, and northwestern portions.

The continued rains caused great delay in planting corn and cotton and the excessive rains in Arkansas and nearby portions of Missouri, Kansas, and Oklahoma, caused floods in all of the streams, most of them reaching the highest stages on record. Practically all levees in the State except those under Government supervision gave way in places or were submerged, and breaks occurred in the Government levee at South Bend and Pendleton, the overflowed area being about 6, 880 square miles. All crops or preparation for planting in this area was destroyed, 127 persons were known to have been drowned, and property valued at over $7,000,000 destroyed. A small tornado occurred at Fort Smith on the 12th in which 2 persons were killed, 13 injured, and property valued at $100,000 was destroyed.

TEMPERATURE

The mean temperature for April, as determined from the records of 58 stations, was 65.7° which is 4.3° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 60.3° at Dutton to 70.7° at Huttig, a difference of 10.4° between the northwestern and southern border counties. The highest temperature recorded was 99° at Harrison on the 27th. the lowest, 26° at Dutton and Harrtson on the 22d. The highest occurred in most sections about the 10th or the 27th, the lowest about the 22d. The greatest daily range was 52° at Harrison on the 3d.

PRECIPITATION

The average precipitation for 84 stations was 12.93 inches which is the highest monthly average in Arkansas since state wide records have been kept. Monthly totals ranged from 23.80 inches at Story to 5.94 inches at Amity, all stations for which normal have been computed showing positive departures. The greatest amount measured in 24 consecutive hours was 11.40 inches at Story on the 21st. The average number of rainy days was 12.

April Hail and Wind Storms
(Straight Blows)

Place	Date	Time	Character	Width Path	Damage
Malvern	4	10:40p	Moderate Hail		Slight damage
Arlberg	10	1:30p	Heavy Hail	3 miles	Crop loss $200 Roofs damaged
Pine Bluff	14	3:00p	Straight blow		Slight damage
	20	p.m.	Straight blow		Slight damage
Morrillton	20	10:00a	Moderate Hail		Slight damage

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 5; 3d, 1; 4th, 20; 5th, 20; 6th. 10; 7th, 21; 8th, 30; 9th, 12; 10th, 17; 11th, 29; 12th, 32; 13th, 34; 14th, 36; 15th, 25; 17th, 24; 18th, 25; 19th, 17; 20th, 39; 21st, 17; 23d, 1; 24th, 2; 25th, 1; 27th, 2; 29th, 20; 30th, 1.

DENSE FOG:------1st, 1; 15th. 2; 16th, 1; 25th, 3; 26th, 1.

SOLAR HALOS:---23d, 1.

KILLING FROST:--Northwestern half of State 22d.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.93	30 54	22	29.54	28	5,126	27	s.	4	.....	.....	64
Fort Smith.	29.92	30.55	22	29.57	29	6,613	50	sw.	18	81	62	70
Little Rock.	29.96	30.56	22	29.59	29	7,879	56	sw.	13	85	66	58
Memphis.	29.98	30.50	22	29.58	29	6,563	48	w.	11	78	63	65

COMPARATIVE DATA FOR APRIL

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**61.4**		**99**		**18**		**4.88**		**13**	**8**	**6**	**8**
1891	62.8	+1.4	98	30	22	5	2.75	−2.13	15	10	5	8
1892	61.4	0.0	97	18	27	22	6.98	+2.10	12	9	9	10
1893	64.9	+3.5	94	4	29	15	7.16	+2.28	11	10	9	8
1894	63.1	+1.7	91	16	29	6	6.18	+1.30	14	8	8	9
1895	63.1	+1.7	98	30	30	3	1.99	−2.89	15	8	7	6
1896	67.8	+6.4	94	26	24	3	3.65	−1.23	12	12	6	5
1897	61.4	0.0	90	27	31	17	4.14	−0.74	12	11	7	9
1898	59.2	- 2.2	93	30	19	6	3.09	−1.79	14	8	8	8
1899	60.7	−0.7	96	25	19	1	3.28	−1.60	10	11	9	7
1900	62.2	+0.8	96	23	24	3	4.98	+0.10	10	12	8	10
1901	58.1	-3.3	96	29	22	3	3.82	−1.06	14	8	8	8
1902	61.2	−0.2	96	29	25	1	2.87	−2.01	11	11	8	8
1903	60.6	−0.8	91	9	26	26	1.86	−3.02	13	10	7	6
1904	56.8	−4.6	89	23	24	10	3.88	−1.00	11	9	10	8
1905	61.1	−0.3	96	9	25	6	6.29	+1.41	9	10	11	11
1906	63.7	+2.3	97	11	27	1	2.55	−2.33	15	7	8	6
1907	54.9	−6.5	89	29	24	14	5.44	+0.56	10	7	13	9
1908	63.3	+1.9	94	21	24	30	6.32	+1.44	9	9	12	12
1909	60.9	−0.5	88	18	24	9	4.52	−0.36	15	7	8	8
1910	59.8	−1.6	90	30	22	25	5.14	+0.26	12	9	19	9
1911	60.5	−0.9	90	6	29	1	9.86	+4.98	10	9	11	12
1912	61.9	+0.5	93	15	26	1	8.14	+3.26	9	11	0	12
1913	61.2	−0.2	94	18	27	5	4.91	+0.03	17	6	17	6
1914	61.0	−0.4	94	16	19	9	4.57	−0.31	11	9	0	9
1915	64.3	+2.9	96	28	19	3	2.96	−1.92	14	8	18	5
1916	59.9	−1.5	92	14	24	9	3.65	−1.23	13	7	0	7
1917	60.4	−1.0	90	28	23	9	5.69	+0.81	14	7	9	9
1918	59.6	−1.8	96	2	25	10	7.63	+2.75	14	6	10	9
1919	61.6	+0.2	95	24	24	16	3.56	−1.32	14	6	10	7
1920	59.8	−1.6	94	22	21	11	5.49	+0.61	14	7	9	9
1921	59.8	−1.6	91	27	22	17	7.87	+2.99	14	6	10	9
1922	63.5	+2.1	90	7	26	1	5 54	+0.66	13	6	11	9
1923	61.4	0.0	95	24	23	1	6.30	+1.42	14	7	9	11
1924	61.4	0.0	94	14	18	1	4.99	+0.11	14	6	10	8
1925	67.4	+6.0	98	15	28	30	2.62	−2.26	14	9	7	6
1926	59.1	−2.3	94	29	18	1	2.65	−2.23	15	6	9	7
1927	65.7	+4.3	99	27	26	22	12.93	+8.05	12	7	11	12

Climatological Data for April, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	66.2	+5.0	87	10	37	22	40	5.94	+0.32	1.75	0.0	11	8	15	7	sw.	G. C. Thrash
Arkadelphia	Clark	250	31	.....	.....	.....	.....	.....	.....	.....	11.87	+6.48	3.73	0.0	13	15	8	7	s.	F. J. Carpenter
Arkansas City	Desha	145	43	.....	.....	.....	.....	.....	.....	.....	10.11	+5.45	4.26	0.0	8	14	4	12	.....	Carl R. Cutting
Arlberg	Stone	700	5	.....	.....	.....	.....	.....	.....	.....	14.63	.....	2.83	0.0	16	8	12	10	n.	J. D. Reeves
Batesville	Independence	277	28	63.6[f]	+4.7	87[m]	10	32	22	39[m]	12.73	+8.05	2.96	0.0	17	15	1	14	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	35	64.3	+3.4	88	10	30	22	36	11.86	+6.89	2.50	0.0	13	9	9	12	sw.	J. E. Scanlan.
Bentonville	Benton	1303	22	62.0	+5.1	88	10	32	22	30	9.50	+5.61	2.98	0.0	16	18	4	8	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25	.....	.....	.....	.....	.....	.....	.....	12.23	+6.82	2.08	0.0	16	12	2	16	s.	Vernon C. Howe
Blytheville	Mississippi	252	2	65.2[a]	.....	88[a]	18	35[a]	22	36[a]	13.62	.....	2.62	0.0	16	17[a]	2[a]	10[a]	s.	J. M. Brooks
Booneville	Logan	465	13	66.3	+4.7	93	10	33	22	40	15.50	+11.31	3.92	0.0	12	14	7	9	s	F. H. Randolph
Brinkley	Monroe	205	40	66.8	+6.1	87	10†	34	22	33	12.62	+7.20	3.45	0.0	16	11	8	11	se.	R. J. Torry
Calico Rock	Izard	361	23	63.8	+5.7	94	27	31	22	49	12.16	+7.47	2.92	0.0	15	5	15	10	sw.	W. J. Copp
Camden	Ouachita	158	42	66.8	+3.1	87	10	38	23	36	8.51	+3.57	3.21	0.0	12	8	3	19	sw.	A. B. Quarterman
Center Point	Howard	470	28	67.0	+4.3	87	4†	35	22	32	8.68	+3.33	3.19	0.0	15	9	12	9	sw	John C. Floyd
Clarendon	Monroe	200	23	.....	.....	.....	.....	.....	.....	.....	10.02	+3.69	3.56	0.0	13	11	2	17	sw.	J. W. Bishop
Clinton	Van Buren	516	6	.....	.....	.....	.....	.....	.....	.....	11.01	.....	2.56	0.0	12	6	12	12	sw.	A. L. Stephens
Cold Springs	Scott	1250	1	.....	.....	.....	.....	.....	.....	.....	15.30	.....	9.10	0.0	8	16	5	9	s.	Otto Parker
Conway	Faulkner	309	44	66.4	+4.9	91	10	34	22	36	13.74	+9.09	3.22	0.0	14	15	9	6	s.	E. E. Cordrey
Corning	Clay	293	34	64.3	+4.7	88	27	33	22	31	13.57	+8.69	3.21	0.0	14	14	6	10	sw.	Winfred D. Folk
Dam No. 1 ‡‡	White	190	4	.....	.....	.....	.....	.....	.....	.....	12.97	.....	3.84	0.0	13	13	1	16	sw.	J. O. Yingling
Danville	Yell	327	11	.....	.....	.....	.....	.....	.....	.....	22.51	+18.59	5.05	0.0	10	11	15	6	s.	C. P. Evans
Dardanelle	Yell	330	41	66.9	+5.4	91	10	36	22	34	12.65	+8.61	2.80	0.0	12	15	12	3	se.	G. N. Goodier, Jr.
Dumas	Desha	162	21	68.2	+5.4	89	10	39	22†	40	9.02	+4.07	5.11	0.0	9	9	16	5	s.	Ben Johnson.
Dutton	Madison	1590	24	60.3	+4.3	87	10	26	22	36	16.68	+10.92	5.20	0.0	12	13	9	8	s.	J. M. Ricketts.
El Dorado	Union	270	26	68.5	+5.1	88	10	40	22†	30	14.26	+9.17	4.45	0.0	11	9	10	11	sw.	J. J. Babb
England	Lonoke	229	20	67.4[a]	+5.3	90[a]	10	38[a]	22	38[a]	12.29	+6.05	3.05	0.0	10	11[a]	7[a]	11[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	63.2	+4.8	89	10	29	22	33	10.03	+5.36	2.36	0.0	15	9	13	8	se.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	62.9	+4.9	87	10†	29	22	34	12.94	+8.42	3.44	0.0	11	17	6	7	s.	University of Arkansas
Fort Smith	Sebastian	457	46	65.3	+3.5	89	10	38	22	32	9.67	+5.77	2.60	0.0	16	10	9	11	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3	.....	.....	.....	.....	.....	.....	.....	17.85	.....	5.15	0.0	13	14	8	8	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41	.....	.....	.....	.....	.....	.....	.....	12.77	+8.34	3.70	0.0	10	12	2	16	.....	T. J. Logan
Georgetown	White	200	15	.....	.....	.....	.....	.....	.....	.....	9.83	+4.08	3.63	0.0	13	12	0	18	s.	W. R. Owens.
Gilbert	Searcy	675	4	.....	.....	.....	.....	.....	.....	.....	14.62	.....	4.50	0.0	16	11	11	8	.....	Ben F. Battenfield
Gravette	Benton	1250	30	62.8	+6.2	89	10	27	22	32	8.48	+4.37	2.22	0.0	13	16	9	5	sw.	A. F. Stevens
Harrison	Boone	1052	26	64.6[a]	.....	99[a]	27	26	22	52[a]	12.04	+7.44	3.70	0.0	10	15	6	9	.....	G. L. Wright
Helena	Phillips	193	55	67.8	+5.4	90	10	38	23	37	11.28	+5.60	4.24	0.0	15	13	3	14	s	James A. Burnett
Higden	Cleburne	445	9	.....	.....	.....	.....	.....	.....	.....	13.91	.....	2.67	0.0	16	9	10	11	nw.	Geo. W. Baker
Hope	Hempstead	377	56	67.7	+4.5	87	4†	38	23	36	12.29	+6.74	2.78	0.0	10	17	4	9	sw.	N. P. O'Neal
Hot Springs	Garland	600	36	66.3	+3.8	87	10	32	22	34	14.79	+8.77	4.00	0.0	13	11	6	13	.....	P. P. Patraw
Huttig	Union	175	20	70.7[a]	+5.3	90[a]	11	39[a]	23	36[a]	8.06	+2.70	3.56	0.0	6	12	7	11	sw.	L. L. Collett
Index	Little River	275	2	.....	.....	.....	.....	.....	.....	.....	9.31	.....	3.00	0.0	16	10	4	16	.....	H. D. Sanderson
Jessieville	Garland	750	1	.....	.....	.....	.....	.....	.....	.....	21.90	.....	11.00	0.0	10	14	8	8	sw.	George Casey
Jonesboro	Craighead	345	32	64.0	+2.8	87	27	32	22	35	15.08	+10.28	3.37	0.0	18	14	5	11	se.	Benedictine Sisters
Junction	Union	182	33	68.4	+2.8	89	10	37	22	33	11.13	+6.25	3.90	0.0	6	14	9	8	w.	J. A. Lowderback
Lambrook	Phillips	155	4	.....	.....	..	..	..	..	..	.....	.....	.....	...	..	..	..	.....	.....	G. B. Lambert Co.
Little Rock	Pulaski	357	48	66.2	+4.1	88	10	38	22	33	14.81	+10.30	8.43	0.0	12	8	10	12	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	60.4	.....	85	10	29	22	34	17.25	.....	5.50	0.0	16	15	7	8	s	I. C. Sutton
Lutherville. ‡‡	Johnson	775	29	63.8	+4.0	85	10†	31	22	34	17.77	+13.31	4.12	0.0	11	12	9	9	e.	H. G. Lenhardt
Magnolia	Columbia	315	8	68.2[e]	.....	87[e]	4†	40[e]	22	31[e]	8.15	.....	1.90	0.0	12	13[e]	5[e]	9[e]	s.	State Agri. School
Malvern	Hot Springs	277	40	67.5	+6.4	88	10	35	22	35	14.61	+9.44	3.52	0.0	13	14	10	6	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	63.7	+5.3	87	28	30	22	35	12.56	+7.34	4.18	0.0	16	6	5	19	s.	E. C. Bellamy
Marianna	Lee	235	15	67.3	+6.8	85	10†	42	22†	31	10.77	+6.90	4.12	0.0	13	19	6	5	s.	C. N. Houck
Marked Tree	Poinsett	229	22	62.6	.....	83	26	40	21	26	13.73	+8.14	3.13	0.0	16	12	13	5	n.	Charles Walton
Marshall	Searcy	1070	13	64.8	+4.0	91	17	28	22	36	21.63	+15.53	5.65	0.0	17	9	11	10	s.	A. J. Park
Mena	Polk	1185	39	64.9	+3.5	88	10	34	22	35	15.58	+11.82	1.88	0.0	13	10	8	12	s.	E. W. St. John
Morrillton	Conway	347	6	66.7	.....	90	10	36	22	34	11.78	.....	2.90	0.0	12	10	13	7	se.	John Cook
Mountain Home	Baxter	800	13	63.8	+4.4	92	27	29	22	41	16.87	+12.67	3.90	0.0	12	10	0	20	w.	B. S. Halbert
Mount Ida	Montgomery	650	28	65.6[a]	+4.2	90[a]	10	30[a]	22	42[a]	19.25	+13.54	5.92	0.0	12	14	6	10	sw.	G. A. Whittington
Newport	Jackson	231	43	65.0	+3.2	84	4	34	22	34	10.78	+5.79	2.25	0.0	15	11	10	9	n.	A. C. Wilkerson
Oden	Montgomery	800	1	.....	.....	..	..	..	..	..	15.52	.....	8.32	0.0	12	14	6	10	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	63.7	+4.0	88	27	36	22	38	13.09	+8.83	3.05	0.0	14	8	6	16	s.	June Thomason
Ozark	Franklin	450	31	64.7[d]	+2.3	91[d]	10	30[d]	22	43[d]	13.99	+9.45	4.00	0.0	12	19	2	9	e.	Isham Burrow
Patterson	Woodruff	196	11	.....	.....	.....	.....	.....	.....	.....	14.10	+7.79	4.25	0.0	10	12	10	8	s.	W. E. Baker
Pindall	Searcy	1500	5	.....	.....	.....	.....	.....	.....	.....	13.63	.....	4.10	0.0	14	12	5	13	se	W. W. Wood
Pine Bluff	Jefferson	215	40	69.0	+4.6	92	10	40	23	40	10.42	+4.92	4.30	0.0	9	12	5	13	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	34	64.4	+4.4	90	37	29	22	34	11.41	+6.63	2.60	0.0	16	7	10	13	s.	Benedictine Sisters
Portland	Ashley	122	21	70.2	+6.5	90	10	40	23	37	9.43	+4.13	4.00	0.0	8	8	13	9	sw.	W. E. Edmiston
Prescott	Nevada	329	39	68.0	+5.1	88	10	40	22	41	10.08	+4.69	3.55	0.0	11	13	1	16	n.	C. D. Calhoun
Princeton	Dallas	287	21	.....	.....	.....	.....	.....	.....	.....	12.12	+6.60	4.60	0.0	7	13	0	17	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	26	69.6	+6.6	95	5	37	22	37	10.79	+6.22	4.00	0.0	8	12	12	6	sw.	Mrs. M. V. Tisdal
Rogers	Benton	1385	36	62.9	+4.8	90	10	29	22	32	9.98	+5.63	4.80	0.0	12	9	7	14	w.	Carl A. Starck
Searcy	White	236	18	65.6	+4.0	87	10	33	22	37	11.53	+6.09	2.80	0.0	13	15	1	14	s	J. T. Bell
Springbank ‡‡	Miller	240	20	.....	.....	.....	.....	.....	.....	.....	10.26	+2.84	2.26	0.0	12	13	2	15	.....	Miss Grace Field
Story	Montgomery	700	3	.....	.....	.....	.....	.....	.....	.....	23.80	.....	11.40	0.0	11	14	4	12	s.	S. C. Story
Stuttgart	Arkansas	228	40	66.6	+4.6	87	10	37	21	36	8.27	+3.05	3.84	0.0	9	13	10	7	s.	Adam F. Buerkle
Subiaco	Logan	1050	30	66.0	+4.9	90	10	34	22	34	17.02	+12.74	4.50	0.0	14	19	2	9	s.	New Subiaco Abbey
Texarkana	Miller	332	41	69.3	+5.5	91	10	39	23	40	8.26	+3.03	1.90	0.0	11	14	4	12	s.	H. S. Brashear
Thornburg	Perry	650	3	64.2	.....	89	10	28	22	41	16.63	.....	4.28	0.0	13	15	8	7	s.	Edward E. Holmes
Waldron	Scott	675	8	.....	.....	.....	.....	.....	.....	.....	13.69	.....	5.10	0.0	12	13	3	14	sw.	Dr. Cheves Bevill
Warren	Bradley	206	33	68.4	+5.8	88	10	39	22	37	10.40	+5.05	5.00	0.0	7	14	9	7	s.	W. L. Shide
Waters	Montgomery	800	3	.....	.....	.....	.....	.....	.....	.....	16.73	.....	5.24	0.0	12	10	9	11	w.	J. R. Huddleston
Whitecliffs	Little River	290	23	.....	.....	.....	.....	.....	.....	.....	9.18	+3.07	2.84	0.0	11	10	3	17	sw	Nannie O. Schirmer
Wilson	Mississippi	237	2	65.2	.....	85	27†	38	22	34	11.75	.....	3.62	0.0	16	17	6	7	se.	M. W. H. Collins
Wynne	Cross	250	19	66.2	+4.9	89	28	33	22	31	20.34	+14.75	5.50	0.0	15	10	5	15	s.	E. O. Allen
Yancopin	Desha	167	3	.....	.....	.....	.....	.....	.....	.....	8.08	.....	2.63	0.0	9	8	3	19	.....	W. E. Barton
State Means and Extremes				65.7	+4.3	99	27	26	22	62	12.93	+8.05	11.40	0.0	12	12	7	11	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No 1, Judsonia, Ark.

Daily River Stages for April, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.9	12.5	19.1	21.0	20.6	19.2	15.0	17.7	21.4	21.6	21.0	21.5	25.3	32.1	36.0	36.7	36.2	35.3	35.3	34.7	33.4	33.0	32.9	31.4	28.6	25.6	23.5	22.0	20.7	19.5	
Dardanelle	do	20	7.5	9.4	10.6	16.0	17.9	17.4	16.4	15.5	16.0	18.9	19.1	19.0	20.4	26.4	30.6	31.3	31.6	32.3	32.7	32.5	32.1	31.6	30.6	30.4	30.0	28.9	27.1	25.2	.....	.....	
Little Rock	do	23	7.5	7.5	8.8	10.8	15.9	17.5	17.4	16.4	15.5	16.4	18.8	19.0	19.4	21.4	24.6	26.9	29.4	30.4	31.0	31.9	32.8	32.6	32.0	31.0	30.4	29.6	28.9	27.5	26.0	24.1	
Pine Bluff	do	25	12.4	11.9	12.1	13.2	16.8	19.3	20.6	20.4	19.4	19.2	20.5	21.9	22.3	23.1	25.2	27.6	29.5	31.0	31.7	32.2	32.4	32.2	32.0	31.6	31.3	30.9	30.5	30.1	29.3	28.5	
Yancopin	do	29	39.8	40.1	40.3	40.4	40.5	40.6	40.8	41.0	41.2	41.3	41.5	41.7	42.0	42.3	43.0	43.8	44.4	45.2	45.9	46.7	48.0	48.3	47.9	47.6	47.3	47.1	46.9	46.6	45.9	45.3	
Danville	Petit Jean	20	6.2	5.8	5.6	5.3	5.3	5.1	4.8	4.8	15.0	19.5	20.5	19.6	22.1	25.4	28.5	26.1	24.3	22.4	22.3	23.6	25.2	25.2	24.1	22.3	20.8	19.9	15.8	14.9	9.1	8.5	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	7.8	14.1	12.2	13.1	10 7	9.9	7.8	10.6	11.2	15.8	16.1	16.5	16.6	32.9	49.0	45.2	43.0	41.2	42.9	37.0	28.5	27.3	21.6	15.4	13.1	11.4	10.2	9.3	8.5	7.9	
Batesville	do	23	15.4	18.0	19.8	20 0	19.0	16.7	15.0	15.8	19.5	19.5	22.4	22.8	26.4	32.4	41.7	41.7	40.5	39.4	39.8	38.9	35.9	32.9	31.7	26.4	21.9	19.6	17.9	16.6	15.7	15.0	
Newport	do	26	20.5	21.1	22.7	23.5	24.1	23.9	23.2	22.8	23.2	23.9	25.1	26.7	28.5	30.2	33.1	35.6	35.6	35.2	34.8	34.7	34.4	33.5	32.8	32.1	30 9	29.8	28.9	28.0	27.1	26.4	
Dam No. 1	Little Red	..	8.0	10.6	8.8	8.0	7.0	6.6	6.4	6.2	6.5	8.0	8.0	8.0	18.0	37 2	45.0	50.5	47.5	37.0	25.5	27.2	28.0	22.4	18.8	14.8	12.4	10.0	9.0	8.4	8.0	7.6	
Georgetown	White	22	21.9	21.7	21.6	21.7	21.7	21.7	21.9	22.0	22.2	22.2	22.2	22.2	22.2	22.6	23.6	25.3	27.2	30.3	29.6	28.9	28 4	28.3	28.0	27.4	26.7	26.2	25.6	24.9	24.4	23.8	23 4
Clarendon	do	30	28.9	28.9	28.8	28.7	28.7	28.6	28.5	28.5	28.6	28.6	28.6	28.7	28.8	29.0	29.8	30.4	31.3	32.8	36.8	40.1	42.2	43.0	43.3	43.2	42.7	42.0	41.2	40.3	39.3	38.3	
Gilbert	Buffalo	30	9.3	8.0	7.1	6.5	7.0	6.5	6.2	7.0	7.5	7.0	6.7	7.0	10.5	37.0	30.0	15.0	11.0	19.5	21 0	17.0	14.0	12.0	10.0	8.0	7.8	7.2	6.8	6.5	6.2	5.9	
Corning	Black	11	11.9	12.1	12.5	13.0	13.5	14.7	14.7	14.3	14.1	14.1	14.1	14.0	14.0	14.1	14.6	14.8	15.6	16.2	15.8	15.2	14.6	14.1	13.4	13.8	13.6	13.3	13 1	12.8	12.6	12.4	
Black Rock	do	14	18.2	18 7	18.4	18.3	18.8	19.5	19.8	21.0	23.1	24.0	24.2	23.8	24.3	26.0	30.2	28.8	27.9	27.5	28.0	28.1	27.5	26.6	26.2	25.5	24.9	24.2	23.7	23.2	22.6	22.1	
Patterson	Cache	9	10.0	9.9	9.7	9.3	8.9	8.6	8.2	7.8	7.8	7.8	7.9	8.1	8.3	8.9	11.0	11.9	13.0	15.5	16.0	15.9	15.8	15.2	14.8	14.2	13.5	12.8	12.3	11.8	11.5	11.3	
Arkadelphia	Ouachita	18	4.2	4.5	3.9	3.6	3.9	3.5	4.0	3.8	5.7	12.0	6.4	5.8	6.6	12.2	21.5	20.9	19.5	12.4	6.5	7.8	19.4	22.9	20.8	14.0	7.3	5.8	5.0	4.5	4.0	3.5	
Camden	do	30	21.1	22.6	23.0	22.0	20.0	18 6	20.1	21.4	20.8	21.6	24.6	26.4	26.0	25.6	27.5	30.6	35.0	39.8	39.9	38.7	36.9	35.6	36.3	40.2	40.9	39.2	37.0	34.9	31.7	30.4	
Fulton	Red	28	13.8	13.7	14.4	14.4	14.3	14.8	15.4	15.8	17.9	19.4	20.6	22.0	24.0	25.1	26.6	28.4	30.3	32.0	33.6	34.2	34.4	34.5	34.8	35.0	34.9	34.5	34 0	33.1	32.2	30.7	
Springbank	do	37	14.4	13.8	13.1	12.5	12.7	12.6	13.0	14.4	15.8	18.0	20.2	21.7	23.7	26.7	28.7	29.7	30.3	31.2	32.2	33.0	34.0	35.0	36.7	38.2	38.9	39.8	40.2	40.2	39.6	38.9	
Whitecliffs	Little	28	8.6	8 4	8.7	8.5	8.7	9.3	12.7	13.5	16.9	20.2	19.6	17.5	17.3	20.5	24.4	27.8	29.0	28.4	28.1	27.9	27.9	28.2	29.6	29 9	29.5	28 8	28.2	27.5	26.3	24.2	
Marked Tree	St. Francis	17	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.9	17.0	17.1	17.2	17.3	17.6	17.8	18.3	18.4	18.4	18 5	18.5	18.6	18.9	18.8	18.8	18.8	18.8	18.9	19.2	19.5	19.8	19.9
Helena	Mississippi	44	51.0	51.0	50.9	50.7	50.6	50.5	50.5	50.5	50.8	51.0	51.4	51.8	52.2	52.5	53.0	53.6	53.7	53.9	54.2	54.5	55.2	55.9	56.2	56.4	56.6	56.7	56.7	56.7	56.6	55.2	
Arkansas City	do	48	53.6	54.0	54.2	54.3	54.4	54.5	54.6	54.7	54.9	55.1	55.3	55.5	55.7	55.9	56.5	57.2	57.6	58.1	58.7	59.4	60.5	57.5	54.7	54.0	53.2	53.0	52.8	52.4	52.0	51.7	

Daily Precipitation for April, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita					.26			.29			.15	.25	.30	1.75	.35				.30	1.20	.99				.10							5.94
Arkadelphia	Ouachita	.15				.21	.02			.50		.55		.08	2.05	2.75			.57	.18	.97	3.73				.11							11.87
Arkansas City	Mississippi	.18				.54		.01		1.65						2.64	4.26					.75									.08		10.11
Ariberg	White	.25				.28		.20	.40	.10	1.40		2.48	1.67	2.83	1.22		1.84	.40		.15	1.11			.10					.20			14.63
Batesville	White	.29				.22		.08	1.16	.10	.08	09	.09	2.96	1.40	2.51	.11		1.48	.10		.98			.12	T.					.96		12.73
Bee Branch	Arkansas	.76						.12	.10			.52	1.08	2.05	2.50	.95			1.40	.52	.46	1.14			.25					T.			11.86
Bentonville ***	Arkansas				.10			1.08	.22	.01	1.14	.22	.32	2.08	2.11	.02		.44	1 49	.06	.06	.12		.03	T								9.50
Black Rock	White	.76				1 40		06	1.10	.19	.43	1.24		2.06	1.15	2.08	.12		.72	.02	.02	.53			T.						.35		12.23
Blytheville	Mississippi	.45				1.56		.30	.61	.79	.75	.15	.30	1.40	.62	1.25	2.62				.03	1.95	.19								.65		13.62
Booneville	Arkansas						T	.25	1.15			.32	.21	2.51	3.92				3.25	1.05	.26	2.45			.12					.01			16.50
Brinkley	White	.19				.63	.07	.27		.17		T.	.40	.50	.95	3.45	.55	T.	.83		.68	2.68	.10		.40						.72		12.62
Calico Rock	White	.50				.62		.03	1.36	.05	.07	.36		1.12	2.92	1.71			2.29	.50	T.	.47			.06				T.		.07		12.16
Camden	Ouachita	.11				.48	.58	.27	.01	.81					.43	3.21			.46	.22		1.80				13							8.51
Center Point	Red	.17				.38	.19		1.23			.07	.41	.50	3.19	.05		.09		.33	.07	1.73			.15	12							8.68
Clarendon	White	.02				.35	.01			.42			13		1.67	3.56	.68		.80		T.	2.90	.02		.18						.28		10.02
Clinton	White							.41	.08			.30	1.92	1.10	2.56	.77			2.01	.87	.09	1.28			.12								11.01
Cold Springs	Arkansas							.30	.90			.30	.40		9.10			.50		.40		3.40											15.30
Conway	Arkansas	.37				.17		.03	.76			.77	1.38	3.22	2.39	1.15			.26	.27	1.93	1.43								.11			13.74
Corning	White	1.12				.27		.17	1.17	1.22	.46	.60	.13	3.12	1.27	3.21	.23		.40			.20											13.57
Dam No. 1	White				.33				.15			.21	3.84	2.30	3.08	.20		.50	.09	.12	1.88			.23				T.		.04			12.97
Danville	Arkansas	.63				.30				2.10		1.82		5.05	2.93	3.75			1.30	.23		4.40								T.			22.51
Dardanelle	Arkansas	.22				.19		.07		.80		.52		2.50	1.28	2.10			1.82	.21		2.80								.14			12.65
Dumas	Mississippi	.05			.31		T.		.95					12	5.11	.82		T.	T.	T.	1.52				.03				.11			9.02
Dutton	White					.08	T.	.28	.69			.96	.02	2.36	5.20	1.05			3.90	1.37		.70								.07			16.68
El Dorado	Ouachita	.12				.63	1.20		.20	4.45					24.3 75	.01					.02	3.60											14.26
England	Arkansas					.53	02		.40			.24		.94	1.99	3.05			1.20		1.98	1.94											12.29
Eureka Springs	White	.11			.21			.81	.66	.05		.49	.43	2.32	2.36	.16			1.25	.56		.27			.15					.20			10.03
Fayetteville	White						2.00	.68	T.			.70	.56	3.44	2.52	T.	.02		1.52	99		.48		T.	.03								12.94
Fort Smith ***	Arkansas	T.			.01		.08	.15	.83		.03	.64	.09	1.38	2.06	.04		.80	1.32	.08	.77	32		T	.07								9.67
Freeman Sprgs.	Arkansas	.39				T		.34	.17	.18		.27		2.46	5.15	2.60			3.87	1.10	.03	1.25				.04							17.85
Fulton	Red					.43	3.70		.10	3.00		.15			2.10	1.38					.35	1.28				.28							12.77
Georgetown	White	.35				.38		.12		.46				1.53	.68	2.10	.18		.06		.10	3.63			.10						.14		9.83
Gilbert	White	.34				.61		.03	.79	.07	.05	.63		1.15	4.50	1.10			3.30	1.16	.03	.71			.10						.05		14.62
Gravette	Arkansas	.01			T.		T.	.63	.43	T.		.29	.47	2.22	2.00		.10		1.40	.59	.01	.28		T.	.05				T.				8.48
Harrison	White						1.85	.42		T.		.29		2.02	3.70				2.02	1.07		.40			.22					.05			12.04
Helena	Mississippi	.10				.40	T.	.56		.86		.22	.22		.04	1.62	4.24		.40			1.48	.36		.18	.06					.54		11.28
Higden	White	1 30					.03	.38	.34		.24	.32	.59	2.32	2.20	2.67			1.42	.55	.38	1.04			.10					.03			13.91
Hope	Red					.50	2.64		1.08				T.	1.22	2.78	.68		.53		.47	T.	2 00			.30								12.20
Hot Springs	Ouachita					.49		T.	1.10	.16		.16	.14	.86	3.87	.06			T.	.52	4.00	2.82			.24	.37				T.			14.79
Huttig	Ouachita	.17					.87		2.03							3.56						1.41			.02					T.			8.06
Index	Red	.05				.65	1.01	.04	.10	1.44		.10	.02	.03	3.00	.80			.02	.35	.08	1.42			.20									9.31
Jessieville	Ouachita				1.40				1 60			1.10	.40	1.30	3.50					.80	11.00	.70								.10			21.90
Jonesboro	White	.46				.52		.01	1.69	.43	.75	.60	.07	2.32	1.10	3.37	.45		.95	T.	.02	1 56	.01		.02							.75		15.08
Junction	Ouachita	T.				.34	.41		3.41				60	3.90							2.47								T.				11.13
Little Rock ***	Arkansas					.54	.10	T.	.64	T.		.37	.43	.71	3.10	.01	T.	.02		T.	8 08	.80								.01			14.81
Lurton	White							.50	.21	.01		.20	.32	3.10	5.50	1.13	.01		3.62	1.14	.43	.97			.03	.03				.05			17.25
Lutherville	Arkansas							.65	.26			.41	.67	4.12	3.86	1.92			3.53	.80	.20	1.35								T.			17.77
Magnolia	Red	.10				.58	1.93		1.90					.53	1.55	.15			.10		.11	1.05			.10	.08							8.15
Malvern	Ouachita	.31				.50	.10	.02		1.83		.12		08	2.18	3.10			.14	.05	2.63	3.52											14.61
Mammoth Spg.	White	.42				.68		.71	1.08	.42	.04	.18	.48	4.18	1.13	.36			2.24	.28		.06			.08					.22			12.56
Marianna	Mississippi	.12				.33	.39		.12			.38			.70	4.12	.35		.37		1.62	1.89				.10					.28		10.77
Marked Tree	Mississippi					.40		.01	.23	1.06	.58	.22	.35	1.69	.55		3.09	1.04	.11		.56	3.13	.30			T.					.41		13.73
Marshall	White	.45				.26		.60	1.75	.06	.30	.45	.90	4.50	5.65	.90			3.35	1.13	.02	1.01			.20					.10			21.63
Mena	Ouachita	.28					T.		.16	.26		1.32		1.35	3.74	1.60	.01		1.34	.22	.38	1 88								.04			15.58
Morrillton	Arkansas	.82							.30			.40	1.20	2.90	2.10	.70	.10		.40	.60	.66	1.60											11.78
Mountain Home	White					1.00		1.40	1.60	.83		.50	.13	2.70	3.90				3.12	1.20					.42			.07						16.87
Mount Ida	Ouachita					1.50		.15	1.28			.52	.61	1.10	3.46	1.26				.48	5.92	2.84			.13								19.25
Newport	White	.23				.21			.47	.21	.05	.25	.07	2.20	1.89	2.25	09		.81			1.46			.05						.54		10.78
Oden	Ouachita	.21							1.41			.37	.54	.87	2.92			.32	.28	.12	5.16	3.16					.16						15.52
Osceola	Mississippi				.34			.59	.35	.78	.35	.85	1 31	.58	.84	3.05				.55	2.70	.15		T						.65			13.09
Ozark	Arkansas						.05	.38	.25			.42		2 50	4.00	.05			3.20	1.63	.28	1.17			.06								13.99
Patterson	White	.65				.38				1.15				1.66	.72	4.25					.15	3.40			.08						1.66		14.10
Pindall	White					.95		.60	.28			.48	.09	2.10	4.10	.65			2.71	.94	.16	.55				.01				.01			13.63
Pine Bluff	Arkansas	.45				.37		T.		.70			.01	T.	.30	4.20	.07		.02			4.30											10.42
Pocahontas	White					.70		.69	.45	1.00	.32	.15		2.04	1.14	2.60	.14		.65	.05	.10	.13								1.10	.15		11.41
Portland	Ouachita					.46	.52	.07		1.08						1.48	4.00					1.75	.07										9.43
Prescott	Ouachita				.41	1.08	.10		.20			T.		1.17	3.55			.71	.24	.08	2.34				.20								10.08
Princeton	Ouachita				.46					.80					1 00	4.00			1.86			4.00	T.										12.12
Rison	Ouachita					.42		.20		1.55					.55	3.12	.05		.90			4.00											10.79
Rogers	Arkansas				.02			.91	.61	.06		1.06	32	2.20	2 61	.06			1.26	.65		.22			T.								9.98
Searcy	White	.30				.37			.22				.25	2.80	2.00	2.80	.10		.20		.15	1.85			.22						.27		11.53
Springbank	Red	.27				1.25	.16	.31	.90	.25			T.	T.	1.63	2.26			1.20	T.	.40	1.40				.23			T.	T.			10.26
Story	Ouachita				2.00				2.80			.65	.80	2.55	2.80						.35											23.80
Stuttgart	Arkansas				.39				.50			.08			3.84	.52		.49			2.32			.03					.05			8.27
Subiaco	Arkansas	.02						.20	.45	.01		.50	.83	2.35	4.50	1.60			3.58	.60	.37	2.00			T.	.01				.10			17.02
Texarkana	Red	.53				.95	.18		.25	.72			T.		1.90	1.20			.20	.40		1.63				.30							8.26
Thornburg	Arkansas	.03					.02		.78	.02		.53	.79	2.35	4.25	.55			.01	.57	4.28	2.45							T.				16.63
Waldron	Arkansas					T.	T.	.14	.85			24	.26	5.10	3 17			.04	.85	.51	.23	2.12			.08								13.69
Warren	Ouachita				.30	.05			2.00					30	5.00	.35					2.40												10.40
Waters	Ouahita					.67	.06		1.26			.67	.26	.27	3.45	.96			.22	.83	5.24	2.84											16.73
Whitecliffs	Red	.31				.62	.84			.56		T.		.10	2 84	.94			.84	.39		1.42				.32							9.18
Wilson	Mississippi				.30			.57	.31	.10	.16	.47	.91	.74	.87	2.93	.03	.07		.06	3.62	.36								.25			11.75
Wynne	Mississippi	T.			T.	.54				.61	.02	.14	.46	.94	1.41	5.60	.73	T.	.14		5.03	3.95	.08		.06						.63		20.34
Yancopin	Arkansas	.13				.36				1.25					.03	2.63	1.54		.03			2.07				.04					T.		8.08

precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
* Precipitation included in the next following measurement.

Daily Temperatures for April, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	81	74	82	85	81	75	80	72	82	87	83	80	77	69	70	77	80	81	82	76	66	60	64	61	66	69	78	85	82	78		76.1
	Minimum	53	47	50	67	57	60	60	62	60	67	61	63	67	59	54	55	57	66	65	66	50	37	40	50	45	48	51	45	64	64		56.3
Batesville§§	Maximum	77	67	83	82	74	76	66	71	73	87	70	79	73	72	70	76	78	..	..	.	.	.	.	.	.	.	.	.	.	.		74.9
	Minimum	60	42	44	52	54	45	51	54	56	60	57	58	60	61	61	56	56	61	62	64	48	32	34	38	40	44	48	53	61	56		52.3
Bentonville	Maximum	59	65	81	82	69	76	68	75	81	88	81	75	76	64	76	78	76	80	77	76	59	59	61	58	66	79	85	85	71	69		72.9
	Minimum	40	37	52	55	45	51	59	58	60	61	61	60	59	53	50	49	58	59	57	46	35	32	39	44	42	49	55	61	58	50		51.2
Bee Branch	Maximum	73	72	84	85	82	74	73	70	84	88	77	77	68	66	69	75	81	81	81	79	60	63	62	59	68	78	87	87	83	76		75.4
	Minimum	56	40	48	62	54	50	58	57	58	60	59	61	49	61	56	57	55	61	62	58	45	30	36	46	41	44	52	59	64	57		53.2
Blytheville	Maximum	81	66	81	82	75	78	61	77	73	79	67	83	83	77	73	79	84	88	83	74	62	61	62	60	71	..	86	86	78	72		75.2
	Minimum	59	44	46	65	56	51	51	53	61	61	54	60	61	62	62	56	54	64	64	64	59	35	40	45	43	..	50	60	60	59		55.1
Booneville	Maximum	71	71	86	86	89	72	81	76	85	93	88	89	70	67	76	82	84	85	84	79	65	60	65	60	70	82	87	85	80	78		78.2
	Minimum	57	40	52	68	49	59	60	58	59	64	61	64	61	55	48	48	59	61	63	61	46	33	38	49	45	44	52	57	67	55		54.4
Brinkley	Maximum	80	74	82	84	80	74	81	77	83	87	77	82	81	77	69	77	83	81	83	87	62	59	66	64	70	77	84	83	77	73		77.1
	Minimum	63	45	49	66	58	51	57	58	59	64	59	62	63	62	61	56	59	64	70	60	50	34	39	48	43	48	58	60	65	60		56.4
Calico Rock§§	Maximum	77	68	88	86	76	79	64	70	76	92	74	82	68	69	72	79	84	81	83	64	56	63	66	60	70	86	94	87	82	71		75.6
	Minimum	62	42	42	52	51	47	43	55	57	60	59	59	60	60	59	52	56	60	63	59	47	31	39	40	46	43	45	56	62	55		52.1
Camden§§	Maximum	81	78	82	86	70	68	78	73	85	87	81	81	82	71	71	81	84	83	82	77	61	61	66	64	69	77	84	84	79	79		76.8
	Minimum	59	46	47	53	60	59	59	60	60	64	66	68	68	67	58	57	58	63	68	70	57	40	38	39	49	46	48	55	61	60		56.8
Center Point	Maximum	81	76	84	87	79	69	77	74	84	87	83	77	71	68	80	80	81	80	82	79	65	63	64	62	69	80	85	83	84	81		77.2
	Minimum	56	46	55	65	57	59	61	60	62	66	61	67	67	58	52	54	60	67	67	65	49	35	42	49	44	48	57	60	64	55		56.9
Conway	Maximum	76	70	85	87	82	71	83	76	85	91	80	78	73	68	69	77	83	82	85	74	61	62	65	62	70	81	89	83	81	74		76.8
	Minimum	58	44	50	68	57	53	59	60	57	67	62	66	61	63	58	58	58	63	65	58	49	34	39	48	44	45	53	61	65	59		56.1
Corning	Maximum	72	67	76	79	80	75	73	71	74	74	70	76	76	75	70	76	84	81	85	81	72	64	68	57	68	72	88	84	84	74		74.9
	Minimum	52	42	46	57	53	49	51	52	61	53	53	54	60	62	63	60	60	60	65	62	42	33	39	43	47	52	59	60	63	58		53.7
Dardanelle	Maximum	77	68	84	88	85	70	82	80	86	91	79	77	71	69	70	80	78	84	87	82	65	59	64	61	71	81	89	88	84	75		77.5
	Minimum	58	42	51	65	56	57	60	61	58	60	62	65	60	62	55	53	60	62	65	65	49	36	42	50	50	47	56	60	65	58		56.3
Dumas	Maximum	83	74	87	86	77	74	85	72	86	89	83	84	83	75	68	79	87	82	85	78	62	58	67	68	72	82	87	82	80	75		78.3
	Minimum	64	47	47	64	60	58	57	63	63	65	66	66	64	68	60	53	63	64	69	60	51	39	39	52	49	50	56	62	62	63		58.1
Dutton	Maximum	68	69	78	82	77	70	69	68	76	87	78	72	65	64	68	75	77	77	76	65	62	58	60	56	63	76	83	82	76	71		71.6
	Minimum	53	34	50	55	41	44	51	52	58	61	56	62	55	58	44	43	55	56	58	51	38	26	31	43	43	40	49	51	60	52		49.0
El Dorado	Maximum	84	80	83	87	83	67	78	72	74	88	87	82	82	75	72	83	84	84	82	76	62	62	69	66	70	79	85	84	80	80		78.0
	Minimum	63	50	54	68	60	60	60	61	61	60	67	68	66	67	61	56	61	69	70	61	54	40	40	52	49	49	58	61	65	60		59.0
England	Maximum	82	70	87	86	80	72	84	75	85	90	84	85	80	72	70	71	82	81	84	76	62	60	62	70	..	78	86	83	80	74		77.6
	Minimum	56	47	49	64	58	54	58	60	59	63	62	65	63	63	61	57	61	65	70	60	50	38	42	49	..	45	59	62	65	55		57.2
Eureka Springs	Maximum	66	69	82	82	71	78	68	71	80	89	83	75	63	67	71	78	78	80	78	72	63	61	63	58	66	80	87	86	79	71		73.8
	Minimum	51	36	52	63	44	49	50	55	59	67	59	61	56	57	51	49	62	58	59	54	39	29	39	44	42	50	61	60	61	49		52.5
Fayetteville	Maximum	63	70	78	82	78	76	68	72	84	87	87	77	64	67	72	77	77	80	77	76	66	59	60	58	65	78	84	85	80	72		74.0
	Minimum	51	36	54	61	44	49	49	54	59	70	58	62	58	52	54	46	60	56	58	55	39	29	36	47	41	47	58	56	65	49		51.8
Fort Smith	Maximum	68	68	83	87	73	69	78	65	85	89	84	73	66	66	75	83	80	85	80	68	60	59	63	58	66	82	88	86	78	80		74.8
	Minimum	50	42	53	65	55	59	60	61	59	67	62	60	60	54	51	54	61	61	60	44	38	44	51	48	50	58	61	65	59			55.8
Gravette	Maximum	62	65	82	81	70	76	69	70	82	89	84	78	66	63	72	77	76	79	76	76	66	59	61	56	65	79	85	84	80	79		73.6
	Minimum	49	36	52	65	41	50	60	57	61	67	59	58	57	51	48	48	61	58	59	58	39	27	37	45	38	47	57	61	63	48		51.9
Harrison	Maximum	79	70	90	91	82	66	76	..	83	95	79	82	69	66	73	84	86	83	88	74	58	65	67	61	76	92	99	94	82	76		78.8
	Minimum	58	37	38	57	44	55	52	..	58	58	58	61	57	56	50	45	53	57	59	53	41	26	33	40	45	45	58	58	62	51		50.5
Helena	Maximum	84	68	86	86	78	75	87	78	83	90	78	85	86	80	74	80	85	86	87	81	61	61	69	67	74	81	88	88	78	71		79.2
	Minimum	62	48	49	64	58	50	55	59	59	61	61	62	65	63	59	55	59	63	68	60	48	40	38	50	47	48	55	62	62	62		56.4
Hope	Maximum	80	70	84	87	78	69	80	78	86	87	87	79	78	72	82	83	84	84	85	79	63	62	68	60	72	82	85	83	84	82		78.4
	Minimum	56	47	52	67	59	60	60	60	63	63	63	62	65	62	55	57	59	68	68	62	47	39	38	50	47	46	56	62	62	56		57.0
Hot Springs	Maximum	80	76	83	86	81	74	80	71	85	87	83	78	76	67	72	80	82	82	84	71	60	62	67	62	69	80	85	83	81	76		76.8
	Minimum	62	44	50	67	56	58	60	59	58	67	61	63	65	61	53	56	56	64	64	59	49	32	37	49	44	46	55	59	64	55		55.8
Jonesboro	Maximum	80	67	82	83	77	76	72	72	70	82	65	82	78	75	68	78	82	82	81	75	61	60	61	56	67	77	87	78	75	70		74.0
	Minimum	62	42	47	64	42	50	54	53	60	58	55	59	58	53	60	58	59	62	69	60	49	32	39	45	44	50	59	62	60	57		54.1
Junction	Maximum	80	85	86	88	80	69	73	75	86	89	86	87	88	78	83	84	86	87	86	79	62	66	67	69	73	82	84	86	82	77		80.1
	Minimum	47	56	60	66	62	60	57	62	59	64	65	64	63	60	62	63	64	66	67	61	41	37	39	41	51	54	56	53	52	49		57.3
Little Rock	Maximum	80	68	85	86	73	71	82	68	84	88	77	80	79	70	67	76	80	82	82	71	60	58	61	61	67	77	84	83	78	72		75.0
	Minimum	57	47	52	60	58	58	60	60	59	67	61	66	60	62	60	59	63	67	71	59	45	38	42	49	48	49	56	61	65	61		57.3
Lurton	Maximum	69	67	77	79	73	66	68	66	74	85	78	71	62	63	65	72	76	76	76	66	55	55	58	53	61	75	82	80	73	66		69.6
	Minimum	49	33	48	60	47	51	52	55	58	64	57	61	56	56	50	49	57	56	58	52	37	29	40	42	43	47	58	59	59	52		54.1
Lutherville	Maximum	69	68	80	84	78	67	75	70	79	85	81	74	67	66	70	78	80	81	81	75	61	58	61	59	65	76	85	84	78	73		73.6
	Minimum	54	34	50	65	53	55	58	59	59	59	60	63	59	60	54	54	59	60	61	58	44	31	38	46	45	46	58	59	67	56		54.1
Magnolia	Maximum	81	80	83	87	75	69	78	78	84	..	..	87	81	74	74	79	84	82	82	79	74	60	68	62	70	..	84	83	80	79		77.7
	Minimum	59	49	59	60	58	60	63	61	66	.	..	67	68	60	56	58	58	62	70	68	53	40	41	49	51	..	60	62	65	60		58.6
Malvern	Maximum	82	75	84	87	82	74	82	76	85	88	87	81	79	71	72	81	84	83	85	78	63	64	68	65	70	80	87	86	83	79		78.7
	Minimum	55	46	49	67	57	59	59	59	57	65	61	66	64	64	58	58	58	64	69	60	52	35	37	50	45	45	54	58	63	56		56.3
Mammoth Spg	Maximum	72	67	80	85	83	76	74	70	74	84	70	80	68	72	72	77	84	80	84	81	64	59	63	61	67	80	86	87	84	69		75.1
	Minimum	59	42	46	54	50	46	56	54	57	59	55	54	59	59	61	54	54	62	63	60	46	30	35	42	45	44	51	56	62	54		52.3
Marianna	Maximum	81	75	83	83	80	73	81	78	80	85	85	80	82	78	67	76	80	81	82	81	63	57	62	69	70	77	83	81	82	74		77.0
	Minimum	65	48	53	52	59	53	60	62	60	62	61	64	67	64	60	56	64	63	61	62	53	42	42	51	50	50	58	61	63	63		57.6
Marked Tree§§	Maximum	62	71	68	71	72	68	71	74	80	66	76	64	64	70	71	78	77	72	67	60	55	62	57	67	71	83	80	70	69	66		69.4
	Minimum	44	45	51	57	54	55	54	57	62	58	56	61	62	61	58	58	63	64	66	59	40	42	48	47	50	58	64	67	61	55		55.9
Marshall	Maximum	73	70	82	87	81	72	69	67	78	90	77	78	68	77	71	76	91	90	81	78	62	59	64	60	67	81	88	84	80	67		75.6
	Minimum	60	39	51	67	48	61	59	58	60	64	59	62	60	59	56	52	61	60	62	56	42	28	35	44	45	45	54	59	64	54		54.1
Mena	Maximum	75	78	83	84	73	71	79	70	82	88	83	73	69	67	75	80	81	81	83	74	65	62	65	58	67	80	85	85	78	75		75.6
	Minimum	51	39	55	65	53	57	61	63	60	60	59	62	64	53	45	48	58	65	65	62	44	34	37	48	40	45	56	60	63	55		54.2
Morrillton	Maximum	74	72	84	85	84	73	80	78	84	90	79	77	71	67	70	76	79	79	82	81	64	60	63	61	70	80	87	83	80	74		76.2
	Minimum	59	44	50	66	57	55	59	61	58	67	61	64	61	62	57	58	60	63	63	61	49	36	44	50	47	54	60	62	67	60		57.2
Mountain Home	Maximum	71	68	86	82	75	80	72	71	77	90	76	83	68	68	72	80	84	84	83	73	62	61	65	61	69	83	92	86	80	71		75.9
	Minimum	51	39	46	49	49	48	55	54	57	61	57	58	59	58	56	48	56	61	61	57	43	29	37	45	46	43	51	56	63	54		51.6
Mount Ida	Maximum	..	78	85	86	80	73	81	74	85	90	85	79	71	66	71	82	82	84	84	76	60	63	66	60	67	81	86	85	83	77		77.2
	Minimum	..	42	49	63	54	58	59	60	59	67	61	64	64	56	52	45	54	65	66	60	47	30	34	48	44	39	47	58	66	52		53.9
Newport	Maximum	81	74	83	84	80	79	72	71	72	80	72	79	65	64	69	80	78	78	81	79	63	54	63	63	62	74	82	82	76	72		73.7
	Minimum	60	43	49	65	56	52	61	55	59	65	58	58	58	62	63	59	61	62	70	60	49	34	41	47	49	52	57	64	63	59		56.4
Osceola	Maximum	67	65	80	81	73	76	63	77	71	77	65	82	80	75	70	77	81	83	81	70	60	60	64	59	68	80	88	84	75	71		73.4
	Minimum	44	43	42	53	57	52	53	54	59	61	55	55	61	62	61	56	59	63	63	60	46	36	40	45	46	52	58	61	65	59		54.0
Pine Bluff	Maximum	85	76	90	88	81	72	86	74	87	92	87	82	82	70	67	83	85	86	85	78	61	64	69	65	71	82	90	88	78	81		79.5
	Minimum	61	49	50	65	58	65	60	61	59	67	65	66	67	63	61	57	61	61	71	61	52	41	40	51	48	49	58	62	64	59		58.4
Pocahontas	Maximum	79	76	79	81	79	77	70	68	72	81	66	81	76	74	69	78	82	81	80	79	62	62	65	61	67	76	90	85	76	72		74.8
	Minimum	60	42	45	56	53	50	55	54	59	62	55	56	62	61	63	58	59	64	67	59	43	29	37	43	45	47	55	59	63	56		53.9
Portland	Maximum	86	82	86	88	80	70	86	75	87	90	89	86	85	80	74	83	88	87	86	86	66	60	68	68	76	82	88	87	84	78		81.0
	Minimum	68	49	49	66	60	59	59	63	59	65	65	66	67	69	61	55	63	69	68	69	59	42	40	51	50	49	55	60	63	61		59.3
Prescott	Maximum	80	77	83	87	85	74	79	76	80	88	86	79	79	75	73	80	82	82	84	79	72	66	63	67	70	87	85	84	82	80		78.8
	Minimum	45	42	64	65	62	48	54	60	61	68	61	64	68	67	53	55	66	68	66	70	52	40	45	44	49	46	56	57	63	59		57.3
Rison	Maximum	83	84	87	88	95	74	86	79	89	89	85	83	82	83	71	83	88	84	83	84	69	66	69	69	74	79	86	86	80	77		81.2
	Minimum	61	47	50	64	58	59	59	64	60	65	65	67	65	63	60	56	61	63	70	59	52	37	39	51	47	49	56	60	62	68		57.3
Rogers	Maximum	64	69	82	83	71	72	68	73	82	90	83	76	65	67	74	79	78	80	78	75	65	60	63	57	63	79	86	87	79	70		73.9
	Minimum	51	37	54	63	47	46	59	56	59	65	59	62	57	54	49	48	59	58	59	55	40	29	34	45	38	48	56	55	65	51		51.9
Searcy	Maximum	78	67	84	84	79	74	72	70	80	87	74	81	80	75	67	76	82	82	83	79	61	61	68	63	70	78	86	84	79	71		75.8
	Minimum	55	42	47	65	67	50	58	56	57	64	60	60	60	60	61	59	57	62	70	65	52	33	37	48	42	44	52	58	63	59		55.4
Stuttgart	Maximum	80	72	86	85	78	71	85	75	83	87	77	82	80	71	65	77	82	81	82	76	64	57	66	64	70	76	83	84	78	72		76.3
	Minimum	61	46	50	64	54	56	60	59	60	60	64	64	63	62	55	60	64	69	69	58	37	40	49	45	51	58	62	65	58	48		57.1
Subiaco	Maximum	70	70	84	89	83	73	81	76	86	90	84	76	71	67	74	84	84	83	84	77	64	61	63	62	70	78	88	89	80	78		77.3
	Minimum	59	41	50	63	51	56	59	58	57	67	61	64	60	56	51	51	57	60	62	59	46	34	39	48	44	47	55	60	68	56		54.6
Texarkana	Maximum	83	85	87	89	80	72	80	85	88	91	87	86	77	70	81	85	85	87	87	81	70	66	72	62	75	83	89	87	86	88		81.5
	Minimum	58	45	54	66	56	62	60	58	64	65	64	63	67	60	55	53	60	67	65	68	50	42	39	49	48	45	55	59	61	55		57.1
Thornburg	Maximum	76	70	83	85	80	74	77	68	82	89	80	77	70	65	70	77	81	81	82	71	63	66	63	60	67	79	86	82	80	81		75.5
	Minimum	56	42	50	65	54	54	60	58	60	63	58	63	59	60	51	51	55	63	62	58	47	28	31	47	39	38	56	57	54	50		53.0
Warren	Maximum	82	79	87	85	83	68	81	76	84	88	85	83	82	80	68	81	84	83	84	76	60	58	68	65	72	80	85	85	85	76		78.4
	Minimum	64	50	50	67	58	58	58	63	60	65	66	64	66	61	55	61	69	70	70	60	50	39	42	48	49	56	60	64	59	50		58.4
Wilson	Maximum	83	72	81	80	83	77	65	76	71	81	69	80	81	80	75	76	80	84	80	80	69	57	59	60	67	77	85	85	77	69		75.3
	Minimum	63	43	47	63	57	50	51	54	59	64	56	59	60	60	60	56	61	64	67	58	51	38	39	46	43	52	51	61	61	59		55.1
Wynne	Maximum	80	72	80	82	79	75	72	75	79	87	71	80	83	77	70	78	84	82	81	75	65	60	65	63	70	78	86	89	83	71		76.4
	Minimum	61	43	49	64	56	50	59	57	60	65	59	61	61	63	61	58	61	64	70	58	51	33	38	55	45	49	58	60	66	48		56.1

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

1.05
NAR.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., MAY, 1927 No. 5

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GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during May were the positive temperature and precipitation departures. Every month of the year thus far has shown a positive temperature departure and every month except February a positive precipitation departure. There were no marked extremes of temperature, daily means at no time being more than 10° to 12° abnormal. During the first week temperatures were generally near or somewhat above normal and after the 16th were almost uniformly above, the mean for the month being the highest since 1918. Showers were of almost daily occurrence, rain being recorded in the State every day except the 11th and on the 22d heavy to excessive amounts were recorded in most sections. Although the flood condition in the lowlands of the eastern counties improved, flood stages were recorded throughout the month on the Black at Corning and Black Rock, at Yancopin on the Arkansas, Marked Tree on the St. Francis, and an average of about 11 days at stations on the Mississippi and lower White. Wherever the water subsided plowing and planting were rushed as rapidly as possible, but many acres of river bottom land had not been planted at the close of the month. Cotton and corn on higher ground made satisfactory progress during the month, and at the close of the month cultivation was under way, however all crops are late and farmers were greatly handicapped by frequent showers, some cotton still remaining to be planted. Wheat and oats were ready to cut at the close of the month, alfalfa cutting was in progress, and the condition of all other crops was satisfactory. W.C.H.

TEMPERATURE

The mean temperature for the State as determined from the records of 54 stations was 71 7° which is 2.7° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 65.8° at Dutton to 76.1° at Huttig. The highest temperature recorded during the month was 97° at Portland on the 29th and 31st, the lowest, 32° at Dutton on the 16th. The highest occurred in most localities during the closing days of the month and the lowest about the 16th. The greatest daily range was 50° at Ozark on the 19th.

PRECIPITATION

The average precipitation for 80 stations was 6.54 inches, which is 1.52 inches above normal. The geographical distribution was irregular, heavy and relatively light amounts being measured at nearby stations. The greatest monthly total was 14.03 inches measured at Higden, the least, 1.68 inches, at Arkansas City. Six stations measured over ten inches. The greatest amount for any 24 hour period was 8.63 inches at Higden on the 22d. The average number of rainy days was 9.

May Hail and Wind Storms
(Straight Blows)

Place	Date	Time	Character	Width Path	Damage
Rogers	8		Moderate Hail		Slight damage
Paragould	9		Moderate Hail		Slight damage
Pocahontas	13	3.30p.	Heavy Hail		Fruit injured, other crops destroyed, est. damage. $5,000.
Jonesboro	28		Heavy Hail		Greenhouse windows broken, also other damage, est. $1500.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--2d, 13; 3d, 32; 4th, 5; 5th, 18; 6th. 33; 7th, 1; 8th, 9; 9th, 31; 10th, 2; 13th, 3; 14th, 1; 15th, 1; 16th,1; 17th, 3; 18th, 4; 19th, 31; 20th, 3; 21st, 10; 22d, 16; 23d, 3; 24th, 31; 25th, 7; 27th, 7; 28th, 4; 29th, 3 30th, 14; 31st, 20.
SOLAR HALOS:---1st, 1; 2d, 2; 12th, 2; 16th, 1; 29th, 2.
LUNAR HALOS:---12th, 3.
FREEZING:--------Dutton, 16th.
DENSE FOG:------25th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Pressure, Sea-level: Highest	Pressure, Sea-level: Date	Pressure, Sea-level: Lowest	Pressure, Sea-level: Date	Wind: Total movement miles	Wind: Maximum velocity	Wind: Direction	Wind: Date	Relative humidity: 7 a. m	Relative humidity: 7 p. m	Percentage of sunshine
Bentonville	29.84	30 16	15	29.46	9	4,983	32	s.	8	.....	.....	63
Fort Smith.	29.85	30.18	11	29.44	28	7,048	37	nw.	24	79	62	67
Little Rock.	29.89	30.17	11	29.53	28	8,430	52	s.	3	82	64	62
Memphis.	29.91	30.17	12	29.56	28	6,682	38	sw.	9	77	59	73

COMPARATIVE DATA FOR MAY

Year	Temperature: Monthly average	Temperature: Departure	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Precipitation: Average	Precipitation: Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**89.0**		**107**		**24**		**5.02**		**13**	**10**	**8**	**8**
1891	67.0	−2.0	97	30	36	7	2.78	−2.24	15	9	7	7
1892	67.8	−1.2	95	4	36	22	9.52	+4.50	8	11	12	13
1893	68.6	−0.4	94	19	38	2	9.71	+4.69	14	8	9	11
1894	70.1	+1.1	95	27	35	20	3.40	−1.62	12	12	7	7
1895	69.0	0.0	97	30	36	13	3.91	−1.11	13	11	7	8
1896	74.3	+5.3	98	8	46	2	3.54	−1.48	15	10	6	7
1897	68.3	−0.7	99	28	33	26	2.13	−2.89	17	9	5	5
1898	72.1	+3.1	100	29	30	7	6.44	+1.42	16	9	6	7
1899	72.9	+3.9	96	15	44	5	6.45	+1.43	10	12	9	10
1900	69.3	+0.3	97	15	37	4	3.69	−1.33	12	12	7	9
1901	68.2	−0.8	100	2	31	26	2.95	−2.07	12	13	6	7
1902	73.2	+4.2	100	22	42	1	4.34	−0.68	12	12	7	8
1903	67.5	−1.5	96	23	24	1	7.47	+2.45	9	11	11	12
1904	67.1	−1.9	98	23	31	12	3.39	−1.63	13	12	6	8
1905	70.7	+1.7	98	31	38	1	9.58	+4.56	9	11	11	12
1906	68.8	−0.2	100	30	28	9	4.71	−0.31	15	8	8	8
1907	63.8	−5.2	91	23	31	15	9.48	+4.46	7	13	11	13
1908	70.0	+1.0	96	23	30	8	7.05	+2.03	8	13	10	10
1909	67.0	−2.0	92	5	28	2	6.76	+1.74	14	9	8	10
1910	66.0	−3.0	95	30	31	7	6.56	+1.54	12	10	9	11
1911	70.8	+1.8	101	28	26	2	1.11	−3.91	19	10	2	3
1912	69.9	+0.9	98	24	32	17	2.41	−2.61	15	11	5	6
1913	69.3	+0.3	99	31	35	7	3.32	−1.70	16	10	5	7
1914	69.5	+0.5	97	31	34	9	3.34	−1.68	12	13	6	6
1915	69.9	+0.9	101	14	34	8	5.58	+0.56	12	9	10	9
1916	71.6	+2.6	99	28	34	16	3.56	−1.46	18	7	6	6
1917	63.5	−5.5	97	26	31	1	3.15	−1.87	15	7	9	6
1918	72.2	+3.2	102	30	29	1	3.01	−2.01	17	8	6	4
1919	66.8	−2.2	96	31	38	21	6.01	+0.99	9	9	13	12
1920	70 8	+1 8	96	24	39	14	8.17	+2.95	11	9	11	12
1921	69.7	+0.7	99	31	29	3	2.25	−2 77	18	8	5	5
1922	70.8	+1.8	100	11	40	1	5.09	−0.02	12	10	9	11
1923	67.2	- 1.8	98	20	27	9	8.24	+3 22	11	8	12	12
1924	64.6	−4.4	94	18	30	11	4.64	−0.38	15	8	8	8
1925	68.0	−1.0	102	30	26	1	1.88	−3.14	17	7	7	4
1926	69.7	+0.7	107	29	29	15	2.42	−2.60	17	8	6	5
1927	71.7	+2 7	97	29	32	16	6.54	+1.52	12	9	10	9

Climatological Data for May, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	72.6	+3.2	96	26	47	16	35	3.99	−1.63	1.10	0.0	7	5	20	6	s.	G. C. Thrash
Arkadelphia ††	Clark	250	31								4.19	-1.23	1.97	0.0	8	18	6	7	s	F. J. Carpenter
Arkansas City	Desha	145	43								1.68	−2.90	0.84	0.0	3	25	3	[illegible]		Carl R. Cutting
Arlberg	Stone	700	5								8.18		2.18	0.0	8	10	13	8	ne.	J. D. Reeves
Batesville	Independence	277	28	70.7	+2.9	90c	31	41	16	36c	6.62	−1.73	1.56	0.0	14	23	0	8	se.	Mrs. Lelia L. Teter
Bee Branch	Van Buren	700	35	70.6	+2.0	91	31	42	16	37	10.53	+5.72	5.50	0.0	8	12	9	10	s.	J. E. Scanlan.
Bentonville	Benton	1303	22	68.2	+1.8	89	28	41	16	33	4.38	−0.84	1.40	0.0	10	13	11	7	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								8.88	+3.95	3.07	0.0	13	14	2	15	s.	Vernon C. Howe.
Blytheville	Mississippi	252	2	71.8		91	26†	47	12	33	6.06		1.18	0.0	12	18	8	4	sw.	J. M. Brooks
Booneville	Logan	465	13	71.8	+0.7	92	28†	41	16	34	6.49	+1.81	1.91	0.0	6	15	9	7	s.	F. H. Randolph
Brinkley	Monroe	205	40	72.1	+2.1	92	29	44	16	35	8.15	+3.32	2.19	0.0	9	10	13	8	se.	R. J. Torry
Calico Rock	Izard	361	23	69.3	+2.4	92	26†	40	16	39	7.99	+3.54	1.67	0.0	13	8	15	8	s.	W. J. Copp
Camden	Ouachita	158	42	72.8	+1.6	92	29	44	16	32	4.63	+0.19	1.60	0.0	7	12	9	10	sw.	A. B. Quarterman
Center Point	Howard	470	28	73.2	+2.2	93	28†	45	11	35	3.45	−2.83	1.15	0.0	8	7	14	10	sw.	John C. Floyd
Clarendon	Monroe	200	23								4.89	−0.17	1.38	0.0	10	9	6	16	s.	J. W. Bishop
Clinton	Van Buren	516	6								8.54		2.22	0.0	9	5	15	11	sw.	A. L. Stephens
Cold Springs	Scott	1250	1								5.10		1.70	0.0	6	7	18	6	sw.	Otto Parker
Conway	Faulkner	309	44	72.2	+2.1	93	29	45	16	34	6.35	+1.62	2.18	0.0	9	16	9	6	s	E. E. Cordrey.
Corning	Clay	293	34	69.6	+1.1	87	29	45	16	33	5.71	+1.35	1.37	0.0	8	15	7	9	w.	Winfred D. Polk
Dam No. 1 ††	White	190	4								5.55		1.24	0.0	11	19	2	10	sw.	J. O. Yingling
Danville	Yell	327	11								7.28	+3.47	1.53	0.0	10	8	13	10	e.	C. P. Evans
Dardanelle	Yell	330	41	73.0	+3.4	94	29†	44	16	34	5.59	+0.09	1.39	0.0	13	17	12	2	sw.	G. N. Goodier, Jr.
Dumas	Desha	162	21	74.2	+2.0	95	29	46	16	34	6.41	+1.19	2.22	0.0	9	5	15	11	s.	Ben Johnson
Dutton	Madison	1590	24	65.8	+1.7	87	26†	32	16	34	8.30	+1.86	2.00	0.0	9	13	12	6	s.	J. M. Ricketts
El Dorado	Union	270	26	74.6	+3.6	94	29	48	16	28	5.28	+0.73	1.73	0.0	9	9	12	10	sw.	J. J. Babb
England	Lonoke	229	20	71.8a	+1.7	92a	28†	45a	16	34a	5.68	+1.59	1.10	0.0	7	9a	11a	10a	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	69.2	+2.4	89	28	40	11	32	5.71	−0.12	1.42	0.0	11	9	14	8	sw.	Geo. W. Nicholas
Fayetteville	Washington	1451	40	69.0	+2.8	91	28	38	16	38	6.50	+0.89	2.14	0.0	10	14	15	2	s.	University of Arkansas
Fort Smith	Sebastian	457	46	72.2	+2.6	96	28	47	16	27	6.41	+1.50	2.18	0.0	7	8	13	10	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								6.98		2.44	0.0	10	15	9	7	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								4.47	−0.10	2.28	0.0	6	12	7	12	[illegible]	T. J. Logan
Georgetown	White	200	15								8.33	+4.40	2.42	0.0	8	13	3	15	s.	W. R. Owens
Gilbert	Searcy	675	4								7.24		1.92	0.0	10	10	18	3	[illegible]	Ben F. Battenfield
Gravette	Benton	1250	30	68.6	+3.0	91	28	36	16	37	3.84	−1.68	0.88	0.0	9	13	17	1	s.	A. F. Stevens
Harrison ††	Boone	1052	26	70.8		97	31	39	16	47	8.70	+3.61	2.75	0.0	9	17	10	4	[illegible]	G. L. Wright
Helena	Phillips	193	55	7.40	+3.2	95	29	48	16	37	5.82	+1.33	1.30	0.0	11	13	3	15	s.	James A. Burnett
Higden	Cleburne	445	9								14.03		8.63	0.0	18	15	6	10	w.	Geo. W. Baker
Hope	Hempstead	377	56	74.1	+2.9	94	28†	44	16	33	5.26	+0.05	1.85	0.0	6	20	2	9	s.	N. P. O'Neal
Hot Springs	Garland	600	36	71.8	+2.0	93	18	44	16	32	7.62	+1.97	3.36	0.0	8	12	8	11	[illegible]	P. P. Patraw
Huttig	Union	175	20	76.1c	+3.9	96c	30	46c	16	40c	4.52	−1.45	1.54	0.0	6	12a	9a	9a	sw.	J. L. Collett
Index	Little River	275	2								4.39		1.36	0.0	9	12	0	19	[illegible]	H. D. Sanderson
Jessieville	Garland	750	1								9.90		3.00	0.0	7	18	6	7	s.	George Casey
Jonesboro	Craighead	345	32	70.5	+0.7	90	26	47	1†	30	7.29	+2.97	1.53	0.0	12	17	7	7	se.	Benedictine Sisters
Junction	Union	182	33	74.4	+2.6	96	29	47	16	36	8.61	+4.05	2.40	0.0	6	11	8	12	sw.	J. A. Lowderback
Little Rock	Pulaski	357	48	71.8	+1.5	89	28	50	11	28	6.82	+1.72	2.73	0.0	8	10	10	11	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	66.4		85	29	41	11	28	8.69		1.68	0.0	12	18	10	3	s.	H. C. Sutton
Lutherville ‡‡	Johnson	775	29	70.0	+1.7	91b	29	43	16	28	6.16	+1.09	1.68	0.0	8	13	9	9	e.	H. G. Leuhardt
Magnolia	Columbia	315	8	74.0b		93	30	48b	16	26b	5.52		1.15	0.0	8	8b	12b	9b	s	State Agri. School
Malvern	Hot Springs	277	40	72.6	+2.7	93	28†	41	11	36	8.60	+4.00	3.75	0.0	8	16	9	6	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	68.5	+2.3	87	30	40	16	37	7.61	+3.31	1.42	0.0	16	10	2	19	s.	E. C. Bellamy
Marianna	Lee	235	15	73.2	+3.0	90	29†	47	16	33	6.10	+1.17	1.92	0.0	9	19	9	3	s.	C. N. Houck
Marked Tree	Poinsett	229	22	70.3		88	29	54	10†	28	8.09	+3.40	2.10	0.0	11	13	15	3	n.	Charles Walton
Marshall	Searcy	1070	13	69.5	+2.3	89	29	35	13	43	13.65	+7.58	3.36	0.0	10	7	15	9	s.	A. J. Park
Mena	Polk	1185	39	70.8	+0.9	93	28	44	16	33	5.48	−0.99	1.40	0.0	11	12	6	13	sw	E. W. St. John
Morrilton	Conway	347	6	72.9		92	26	48	16	28	10.85		5.73	0.0	7	11	12	8	se.	John Cook
Mountain Home ††	Baxter	800	13	70.2	+4.3	93	29	43	16	37	7.15	+1.69	1.96	0.0	10	9	8	14	w.	B. S. Halbert
Mount Ida	Montgomery	650	28	70.8	+2.5	92	28†	37	16	37	5.85	+0.03	1.80	0.0	8	14	10	7	sw.	G. A. Whittington
Newport	Jackson	231	43	70.9	+0.9	95	31	49	1†	28	6.33	+2.06	1.65	0.0	12	15	9	7	n.	A. C. Wilkerson
Oden	Montgomery	800	1								5.45		1.91	0.0	7	14	5	12	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	71.0	+1.4	90b	26	48	16	30	13.34	+8.56	2.40	0.0	13	11	5	15	s.	June Thomason
Ozark ††	Franklin	450	31	72.4b	+2.0	96b	29	40b	19	50b	4.37	−1.17	1.07	0.0	6	13b	3b	8b	sw.	Isham Burrow
Paragould	Clay		1								9.31		1.88	0.0	13					W. R. Heagler
Patterson	Woodruff	196	11								5.95	−1.28	2.66	0.0	8	16	4	11	s.	W. E. Baker
Pindall	Searcy	1500	5								7.84		1.52	0.0	9	15	6	10	sw.	W. W. Wood
Pine Bluff	Jefferson	215	40	74.4	+2.4	94	31	48	16	33	5.70	+1.12	1.53	0.0	7	14	5	12	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	34	69.6	+1.0	89	27	44	11†	33	9.80	+5.31	2.24	0.0	15	9	9	13	s.	Benedicitine Sisters
Portland	Ashley	122	21	76.0	+4.7	97	29†	48	16	35	5.91	−0.43	2.07	0.0	9	5	21	5	w.	W. E. Hamiston
Prescott	Nevada	329	39	73.8	+3.6	94	30	46	16	34	3.68	−1.37	0.98	0.0	7	10	6	15	n	C. D. Calhoun
Princeton	Dallas	287	21								3.86	−1.33	1.35	0.0	4	20	1	10	[illegible]	Mrs. F. P. Coleman
Rison	Cleveland	243	26	74.4	+3.4	96	29	45	16	34	2.99	−0.66	1.15	0.0	6	10	13	8	sw.	Mrs. M. V. Tisdal
Rogers	Benton	1385	36	68.4	+2.3	90	28	37	16	37	4.74	−0.44	1.60	0.0	6	9	11	11	s.	Carl A. Starck
Searcy	White	236	18	71.2	+2.5	92	31	42	16	36	4.13	−0.72	1.20	0.0	9	19	0	12	s.	J. T. Bell.
Springbank ††	Miller	240	20								5.57	+1.33	2.80	0.0	9	11	3	17	[illegible]	Miss Grace Field
Story	Montgomery	700	3								3.52		1.06	0.0	8	20	5	6	s.	S. C. Story
Stuttgart	Arkansas	228	40	73.0	+3.1	92	28	45	15	32	6.35	+1.66	2.02	0.0	9	15	10	5	sw.	Adam F. Buerkle
Subiaco	Logan	1050	30	72.1	+2.1	94	29†	44	16	31	7.48	+1.90	2.08	0.0	8	13	7	11	s.	New Subiaco Abbey
Texarkana	Miller	332	41	74.5	+2.9	95	29	47	11	34	4.61	+0.51	1.42	0.0	8	17	7	7	s.	H. S. Brashear
Thornburg	Perry	650	3	69.2		89	28	35	16	39	10.68		4.59	0.0	7	11	12	8	sw.	Edward E. Holmes
Waldron	Scott	675	8								4.59		1.40	0.0	7	10	6	15	sw.	Dr. Cheves Bevill
Warren	Bradley	206	33	75.2	+4.2	95	27	49	15	33	3.57	−1.02	1.05	0.0	6	19	5	7	s.	W. L. Shide
Waters	Montgomery	800	3								6.91		2.61	0.0	7	7	10	14	w.	J. R. Huddleston
Whitecliffs	Little River	290	23								2.48	−2.42	1.12	0.0	4	11	4	16	sw.	Nanrie O. Schirmer
Wilson ††	Mississippi	237	2	71.2		89	27†	46	16	32	9.94		2.88	0.0	12	21	4	6	s.	M. W. H. Collins
Wynne	Cross	250	19	72.1	+1.7	93	31	45	16	34	5.90	+1.44	2.40	0.0	8	17	5	9	s	E. O. Allen
Yancopin	Desha	167	3								6.56		2.31	0.0	9	9	4	18	[illegible]	W. E. Barton
State Means and Extremes				71.7	+2.7	97	29†	32	16	50	6.54	+1.52	8.63	0.0	9	12	9	10	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters a, b, c, indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No. 1, Judsonia, Ark.

Daily River Stages for May, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	17.7	13.6	11.5	12.9	12.0	10.6	12.9	13.3	14.7	17.2	17.5	16.5	15.0	13.0	11.8	11.4	10.7	9.6	9.0	9.3	10.8	12.4	12.7	11.9	10.6	9.5	9.7	9.9	10.4	9.5	8.4
Dardanelle	do	20	19.4	18.3	15.6	13.4	14.2	13.6	12.9	13.8	14.5	16.2	17.4	16.7	15.5	14.9	14.2	12.7	11.9	10.6	10.4	10.4	10.4	11.9	14.0	14.4	14.6	12.9	11.0	9.9	9.7	9.6	9.5
Little Rock	do	23	22.4	20.9	19.0	16.5	14.5	14.0	13.8	13.0	13.4	14.0	16.5	17.0	16.5	15.8	14.4	12.9	11.5	10.9	10.4	9.8	10.3	10.4	14.2	15.6	15.8	15.4	13.9	12.4	11.2	10.6	10.5
Pine Bluff	do	25	27.5	26.5	25.2	23.4	20.6	18.8	18.4	17.4	16.9	17.5	18.3	20.3	20.5	20.1	19.0	17.4	16.0	15.0	14.5	14.0	13.8	14.1	15.6	18.0	18.9	18.8	18.2	16.8	15.6	14.7	14.2
Yancopin	do	29	44.8	44.3	43.8	43.4	43.0	42.5	42.2	41.7	41.3	41.0	40.6	40.3	39.9	39.6	39.2	38.8	38.3	37.9	37.6	37.3	37.0	36.7	36.5	36.3	36.1	35.9	35.6	35.2	34.9	34.5	34.2
Danville	Petit Jean	20	7.3	6.4	5.1	5.1	5.9	6.3	7.4	17.8	13.1	16.7	20.3	19.8	15.3	10.1	8.7	7.3	6.8	6.2	6.5	18.1	20.3	18.1	18.3	14.0	14.7	17.0	10.9	8.7	6.5	6.1	5.4

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	7.3	6.8	6.3	9.6	7.6	7.2	12.3	11.2	10.0	11.1	14.3	13.9	13.0	9.8	7.8	7.2	6.4	6.1	5.6	6.5	6.3	6.4	8.7	8.7	14.1	16.2	12.7	10.1	8.4	7.1	8.3
Batesville	do	23	14.1	13.3	12.8	13.8	14.8	13.8	17.0	18.4	17.2	17.8	19.2	21.0	20.2	18.4	15.5	13.9	12.8	13.2	11.8	12.2	12.2	12.3	16.1	16.6	19.3	21.5	22.2	18.4	16.0	14.3	13.4
Newport	do	26	25.6	24.7	23.8	23.0	23.0	22.5	22.0	23.0	23.3	23.7	24.0	24.8	25.5	25.6	25.0	24.0	23.1	22.1	21.4	20.7	20.4	20.0	21.6	22.1	22.7	24.3	25.5	25.9	25.2	24.2	23.1
Dam No. 1	Little Red	..	7.2	7.0	6.8	6.6	6.4	6.1	6.0	6.4	6.9	8.2	7.6	6.6	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.5	23.0	36.0	24.9	15.6	12.0	10.5	8.6	7.0	6.6
Georgetown	White	22	23.0	22.7	22.4	22.2	21.9	21.7	21.6	21.8	21.5	21.5	21.6	21.7	21.7	21.7	21.8	21.8	21.8	21.7	21.5	21.3	21.1	21.0	21.0	21.5	22.0	22.1	21.8	21.8	21.8	21.9	21.9
Clarendon	do	30	37.3	36.4	35.4	34.5	33.6	32.8	32.3	31.7	31.1	30.7	30.3	30.0	29.6	29.3	29.0	28.8	28.7	28.5	28.5	28.6	28.5	28.4	28.3	28.1	28.0	28.0	28.1	28.3	28.4	28.4	28 4
Gilbert	Buffalo	30	5.5	5.3	5.0	9.0	7.0	6.8	6.5	6.0	5 8	8.5	6.5	6.0	5.8	5.5	5.3	5.2	5.1	5.0	5 0	6.0	5.6	6.2	8.5	8.0	13.0	9.0	7.5	6.8	6.0	5.7	12.0
Corning	Black	14	12.2	12.1	12.0	11.9	11 9	12.2	12.4	12.9	12.9	13.0	13.1	13.3	13.2	13.0	12.9	12.7	12.5	12.4	12.2	12.0	11.9	11.8	11.9	12.0	12.2	12.2	12 3	12.4	12.5	13.0	15.5
Black Rock	do	14	21.6	21.0	20.4	20.0	20.4	19.8	21.1	20.3	20.2	21.5	21.7	21.5	21.3	21.3	21.3	21.1	20.8	20.5	19.9	19.5	19.0	18.7	20.4	19.9	21.1	21.3	19.8	19.3	19 6	19.8	20.0
Patterson	Cache	9	11.0	10.8	10.6	10.5	10.3	10.0	9.8	9.0	8.4	8.1	7.8	7.9	8.0	8.2	8.5	8.7	8.9	9.0	9.0	8.9	8.7	8.5	8.3	8.1	8.1	8.1	8.0	8.0	8.0	8.4	8.7
Arkadelphia	Ouachita	18	3.8	2.9	2.0	1.7	2 1	1.9	5.5	3.9	3.4	3.2	2.7	2.0	2.1	1.8	2.0	2.0	1.2	0.8	0.8	3.7	2.7	8.5	15.3	10.5	9.7	8.0	5.6	4.5	3.6	3.8	2.4
Camden	do	30	27.0	25.4	22.7	20.1	18.0	17 0	16.0	17.0	16.5	16.0	15.1	15.0	14.1	13.8	13.2	12.7	12.3	11.2	10.3	10.0	11.2	12.0	15.9	22.8	26.9	28.4	28.8	28.4	26.5	23.1	19 7
Fulton	Red	28	28.7	27.0	25.0	23.1	21.4	20.3	18.6	17.9	15.2	14.2	15.4	19.0	19.6	19.0	18.0	16.4	14.5	13.0	12.2	12.0	11.8	13.2	13.5	14.0	14.4	14.2	15.1	15.5	14.0	12.7	11.5
Springbank	do	37	38.3	37.2	35.7	34.2	32.8	30.8	29.3	29.0	27.8	26.5	25.1	24.1	25 6	25.9	25.4	24.9	24.1	22.7	21.7	20.7	19.9	19.9	20.4	21.1	22.0	22.7	22.7	23.0	22.4	22.1	20.7
Whitecliffs	Little	28	22.4	21.7	20.3	18.9	17.3	16.0	14.1	11.8	8.1	7.4	12.7	16.8	18.0	18.2	14 6	11.2	8.0	5.6	4.5	4.3	5.3	7.8	8.1	10.2	11.8	11 4	9.7	9.2	7.3	5.4	4.3
Marked Tree	St. Francis	17	19.9	19.9	19.9	19.8	19.8	19.9	21.0	20.0	20.0	20.1	20.0	19.9	19.8	19.6	19.5	19.4	19.4	19 3	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.5	18.4	18.3	18.3	18.2	18.1
Helena	Mississippi	44	55.8	55.3	54.9	54.5	54.0	53.5	53.2	52.7	52.1	51.6	50.9	50.1	49.3	48.6	48.0	47.4	46.9	46.5	46.2	45.9	45.3	44.8	44.2	43.6	42.9	42.3	41.7	41.2	41.0	40.9	40.9
Arkansas City	do	48	51.4	50.9	50.6	50.3	49.7	49,3	49.0	48.7	48.5	48.3	47.9	47.6	47.3	47.1	46.8	46.5	46.3	46.0	45.8	45.7	45.4	45.2	45.1	44.9	44.7	44.6	44.4	44.2	44.0	43.8	43.6

Daily Precipitation for May, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita			.08			.74			.27										.75		.50	1.10		.55								3.99
Arkadelphia	Ouachita				.11			.23					.22								.90	.11	1.97	.15		.50							4.19
Arkansas City	Mississippi				.52														.84								.32						1.68
Arlberg	White			.46			.25			1.87					.06			.04	08	.12	.16		1.56	1.56	.02	.59						1.22	8.18
Batesville	White				.38		.08	.12			1.21									1.42		10	2.18		.68							.64	6.62
Bee Branch	Arkansas			.10			.45			2.00										1.27		10	5.50		.58							.53	10.53
Bentonville ***	Arkansas					.34	.06	T.	.50	.90										1.02		06	.04	.02	1.06			T.			.38	T.	4.38
Black Rock	White			.02	.33		.13	.05			2.32				.05					.21	T.		.15	3.07		1.27				.17			.56	8.88
Blytheville	Mississippi						.95	.03			1.18				.24				.25	.65			.07	.78		1.09				.58	.15	.09	6.06
Booneville	Arkansas			.88			1.30			1.40					T.					1.91		.57			.43								6.49
Brinkley	White				.09		.92	1.82			2.19				.14						.98		.37	.21		1.43								8.15
Calico Rock	White				.60	.60	T	.20	.20		1.14				.02			.19		.81	.34	T.	.85	T.		1.67			.02			1.35	7.99
Camden	Ouachita				.43						1.45										.18	.14	1.60	.08		.80								4.63
Center Point	Red			.18			.07			.28									.70		.80	1.15		.01	.26								3.45
Clarendon	White				.02		.15	.94			.98				.05				.05		1.38	T.	.26	.30	T.	.76							4.89
Clinton	White			.28			.33			1.45										1.32		1.06	2.22		.66						.62	.60	8.54
Cold Springs	Arkansas			.20			.90			1 60										1.70		.50			.20								5.10
Conway	Arkansas			11	.06		.29			.47										1.09	.05	.32	2.48			1.48							6.35
Corning	White			.37	.35		1.42	.04			1.37									1.32													5.71
Dam No. 1	White			.10	.20	.63	.31			1.24									.30			.85	.24	.03	1.12							.53	5.55
Danville	Arkansas			T.	.25		.48	1.12	T	.22	.90									1.50	38		1.53	.10		.80		T.						7.28
Dardanelle	Arkansas			.07	.32		.22	.52		.12	.56									.61	.68	.03	1.39	.06		.93						.08	5.59
Dumas	Mississippi			1.24		.03	2.22			1.35										.42		.50	.15	.05	.45								6.41
Dutton	White			1 84		.01	.42			1.30										2.00		.47	.48		.72							1.06	8.30
El Dorado	Ouachita				.25						.75		.02	.02		T.					.50	.04	.87	1.10		1.73								5.28
England	Arkansas			1.17		T	1.05			1.10								T.		74		.40	.61			.61								5.68
Eureka Springs	White					.43	.15			1.24								.02		1.42		.17	.32		1.26	.03		.04						5.71
Fayetteville	White		T.	.04		.25	.39	T.	.02	1.48					T.					1.10		.02	.21		.85							2.14	6.50
Fort Smith ***	Arkansas	T.		1.24			.93	T.	.01	2.17					T.					1.28		.20			.58					T.	T.		6.41
Freeman Sprgs	Arkansas				.23		.14	.23		.23	1.01									1.17	.36	T.	2.44	T.		.42							.75	6.98
Fulton	Red			.40	T.						.24										.53	.15	2.28			.87								4.47
Georgetown	White				.96		.70	1.20			2 25				.27					T.	.38		1.05	T.		2.42								8.33
Gilbert	White				.53		.37	.27		.12	.57									1.06	.11		1.21			1.08						1.92	7.24
Gravette	Arkansas			T.		.46	.37	T.	.10	.41										.60		T.	.18		.88		.09					.80	3.84
Harrison	White		.75			.30	.24			.74										1.49		.10	.96		1.37							2.75	8.70
Helena	Mississippi				.20	.86	.70	1.18	.02		90				.22						.44		.16	1.30		.64								5.82
Higden	White			.27			.25	1	.01	1.76					.03					1.29		.05	8.63		.59						1.15	14.03
Hope	Red	T.		60						.25								T.		.81		.84	1.85		.91								5.26
Hot Springs	Ouachita			.45	.07		.62	T.		.32										1.24		.70	3.36			.86							7.62
Huttig	Ouachita			.02	.32									.42						1.54			.71		1.51								4.52
Index	Red			.55	.04						.32					.09					.70	.06	1.22	.05		1.36							4.39
Jessieville	Ouachita			.20			.70			.60										2.20		2.30	3.00		.90								9.90
Jonesboro	White			T.	.13		.77	.03			1.20		T.		.03				.50	.99			.20	1.53		.95			.62	T.		.25	7.20
Junction	Ouachita			.19																1.90		1.30	1.07		1.75								8.61
Little Rock ***	Arkansas			.36		.16	.76			.58								T.		.93		1.19	1.75	T.	1.09			T.					6.82
Lurton	White			1.11		.02	.33	.01		1.68										1.20	.03	.80	1.32	.02	.90							1.27	8.69
Lutherville	Arkansas			.22			1.69			.77										.98		.46	.89		.72			T.				.52	6.16
Magnolia	Red			.46	.60					1.04			.10							.59		.90	.77								1.15		5.52
Malvern	Ouachita				.50		.21	3.75													1.45	.02	1.40	.40	.87								8.60
Mammoth Spg	White			1.42	11	.64	.29	.02		.76	.02			.01				.07		.74			1.22		.92	.12						.86	.10	.31	7.61
Marianna	Mississippi					.99	1.92			.50	1.03								.13	.65		.04		.26		.58								6.10
Marked Tree	Mississippi				.06		2.10	.31			2.00				T.				.08	.85			.20	.40	.91						1.00		.23	8.09
Marshall	White			3.36	.08	.50	.30			1.27					T.					1.83		.23	1.70		T	1.80						2.58	13.65
Mena	Ouachita			.56	18		.46	.05		.55	.98									1.40	.42	T.	.80	.02		.06							5.48
Morrilton	Arkansas			.53			.85			1.32										1.05		.27	5.73		1.10								10.85
Mount Ida	Ouachita			.59	.04		.34			.46										1.15		.63	.84		1.80								5.85
Newport	White				.19		.21	.10			1.64				.03					.06	.02		.81	.73		1.65						.03	.86	6.33
Oden	Ouachita			.14			.62			1.01										1.91		.68	.97		.12								5.45
Osceola	Mississippi			.10		1.80				1.74				.28				.38	.80			.92	1.12		1.12			.53	2.40		.15	2.00	13.34
Ozark	Arkansas			.20				.60		.88										1.07		.57			1.05								4.37
Paragould	Mississippi				.14		.28	.03			1.74				.32				.20	.78			.18	1.34		.97			.92	1.88		.56	9.34
Patterson	White						.40	.40			1.80				.04					.05			.55			2.66						.05	5.95
Pindall	White			.43		.29	26			1.28										1.52		.39	1.02		1.33							1.32	7.84
Pine Bluff	Arkansas				1.09		T.	.80			1.53							T.			.23	T.	1.00	.35		.70								5.70
Pocahontas	White			.33		.38	.12	.05		2 07								.05		.52		.50	2.24		.68						1.10	.05	.60	9.80
Portland	Ouachita				1.12		.04				.16			.23	.20						.54		1.55	.52		1.55								5.91
Prescott	Ouachita			.08					T	.19										.83	.18	.98	61		.76								3.63
Princeton	Ouachita										1.25										.71		1 35		.55								3.86
Rison	Ouachita				.04			.40			1.15										.40		.80		.20								2.99
Rogers	Arkansas					44	T.		T.	1.16										.79		T.	.23		1.60							.52	4.74
Searcy	White			.02	.12	.14	.35	.38			1.20										.30		.54			1.08								4.13
Springbank	Red				.10					T.	.45		.25	.10		.20			T.		.52	.25	.90			2.80								5.57
Story	Ouachita			.57			.56	.14		.41										1.06		.48	.22		.08								3.52
Stuttgart	Arkansas			2.02	.04		.07	1.09			1.23				T.	T.					.49		.47	.19		.75								6.35
Subiaco	Arkansas			.55	.03		1.85			1.34										2.08		.25	.18		1.25					T.	T.		7.48
Texarkana	Red				.48						.43		.10		.08						.70	.07	1.33			1.42								4.61
Thornburg	Arkansas			.12			1.18		T.	1.00					T.					1.65		1.04	4.59		1.10			T.					10.68
Waldron	Arkansas			1.03			.48		.06	1.40					T.					1.12		.47	T.		.03								4.59
Warren	Ouachita				.42					.80										.60		1.05	.10		.60								3.57
Waters	Ouahita			.52			.31			1.34										2.61		.10	1.49		.54								6.91
Whitecliffs	Red										.22										.62	T.	1.12		.52								2.48
Wilson	Mississippi		.02	.05	T.	.75	1.21			1.80					T.				.52			.05	.58		.84				1.12		.12	2.88	9.94
Wynne	Mississippi			T.	T.		1.00	.40			2.40								T.	.27			.20	.18		1.36						.09	5.90
Yancopin	Arkansas			.03	.81	T.	T.	2.31			1.30									T.	.62		.52	.52	.03	.42								6.56

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
* Precipitation included in the next following measurement.

Daily Temperatures for May, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	81	77	80	80	85	79	84	85	84	84	80	74	79	80	78	82	87	81	81	84	78	81	86	83	85	96	93	91	91	94	93	83.7
	Minimum	50	53	60	55	64	65	67	68	62	58	48	52	53	55	52	47	54	68	62	62	57	67	71	72	60	61	73	73	75	74	73	61.6
Batesville§§	Maximum	..	..	..	..	..	75	80	84	77	79	71	77	79	75	70	76	84	85	79	85	79	78	85	83	85	89	86	86	88	89	90	83.8
	Minimum	45	46	50	49	51	54	65	67	73	54	48	45	51	48	51	41	48	56	64	61	65	66	66	64	58	58	65	65	72	73	68	57.6
Bentonville	Maximum	77	77	78	77	73	85	76	80	76	61	69	78	77	66	67	73	84	86	76	82	74	84	86	79	85	87	86	89	89	86	86	79.0
	Minimum	48	54	50	44	58	60	66	65	57	46	41	47	56	52	46	41	57	61	61	64	64	64	68	60	57	62	71	71	61	60	66	57.4
Bee Branch	Maximum	77	77	76	78	77	78	79	84	81	72	75	78	78	79	73	76	87	87	87	84	84	78	85	83	84	88	90	89	89	89	91	81.7
	Minimum	47	49	58	53	59	62	65	70	60	54	45	46	55	50	53	42	50	68	61	62	67	64	70	71	58	59	67	68	73	71	65	59.4
Blytheville	Maximum	71	81	80	81	71	70	82	88	85	80	70	77	79	78	71	76	82	86	86	85	84	86	84	88	86	91	90	85	91	89	91	82.1
	Minimum	48	48	63	58	57	60	64	65	70	60	51	47	58	56	52	50	55	69	63	67	72	66	66	72	64	64	64	63	71	74	69	61.5
Booneville	Maximum	74	79	75	79	81	79	81	84	82	74	72	81	80	75	75	75	84	88	84	84	80	87	89	83	87	90	87	92	91	91	92	82.4
	Minimum	49	56	62	51	62	60	66	74	67	54	44	48	52	53	48	41	57	71	62	64	66	66	75	67	58	60	73	72	78	71	74	61.3
Brinkley	Maximum	74	80	79	80	83	73	85	84	82	79	74	76	78	78	73	76	85	88	85	87	80	73	85	86	86	89	90	90	92	91	91	82.3
	Minimum	48	49	63	55	63	63	65	71	70	63	47	49	55	53	55	44	50	68	64	62	68	68	67	72	63	61	68	73	75	74	73	61.9
Calico Rock§§	Maximum	76	80	81	79	76	80	79	86	76	71	72	83	82	78	71	79	88	90	81	86	77	81	90	87	89	92	90	89	92	89	90	82.6
	Minimum	45	46	48	56	47	46	47	48	48	54	48	47	51	48	54	40	50	56	64	64	65	65	70	69	59	59	66	71	70	69	66	56.0
Camden§§	Maximum	76	80	79	81	87	83	87	87	85	82	76	69	78	84	77	72	86	88	78	85	75	84	86	86	86	90	88	91	92	90	91	83.2
	Minimum	48	49	52	61	62	66	69	69	73	60	50	52	56	58	54	44	54	63	71	62	66	68	69	69	64	60	70	73	74	73	73	62.3
Center Point	Maximum	71	77	75	80	87	81	86	86	81	79	80	73	82	85	80	74	86	89	84	84	77	86	87	83	89	92	88	93	93	89	91	83.5
	Minimum	52	56	62	58	64	65	69	72	60	59	45	56	55	59	52	49	60	67	62	64	68	68	73	71	60	64	71	72	74	73	73	63.0
Conway	Maximum	75	78	79	79	81	76	82	85	78	74	73	79	80	77	76	77	88	89	78	85	81	80	86	84	87	91	89	90	93	91	92	82.4
	Minimum	50	52	62	52	62	62	66	72	66	58	49	48	55	55	53	45	54	69	63	64	69	65	70	73	63	62	70	73	77	75	70	62.1
Corning	Maximum	74	80	78	82	73	74	80	83	81	76	71	75	76	76	76	78	83	84	79	85	83	78	83	84	84	85	85	83	87	84	81	80.0
	Minimum	46	50	50	52	57	60	62	63	63	59	48	53	60	60	50	45	54	56	62	62	68	62	68	70	62	64	64	63	65	68	68	59.2
Dardanelle	Maximum	73	79	76	78	78	80	79	86	85	73	74	81	82	79	76	78	89	90	88	86	81	81	92	86	87	90	91	93	94	93	94	83.6
	Minimum	53	55	55	54	64	62	66	65	72	57	47	49	58	54	53	44	57	69	63	64	69	66	72	74	60	62	72	72	75	76	71	62.3
Dumas	Maximum	76	87	85	80	89	80	85	87	86	87	72	76	80	87	79	78	88	89	82	86	74	84	86	89	88	92	92	93	95	92	94	85.1
	Minimum	55	55	55	62	66	71	63	71	72	67	51	51	56	57	53	46	54	67	65	64	68	68	68	70	66	62	69	72	74	72	72	63.3
Dutton	Maximum	72	73	79	75	74	77	73	79	75	69	67	76	71	68	69	72	83	84	78	78	73	78	81	78	81	84	83	87	87	86	84	77.2
	Minimum	41	48	56	40	55	58	64	66	62	44	39	41	52	42	41	32	49	64	58	58	61	61	70	62	49	49	63	64	66	64	64	54.3
El Dorado	Maximum	77	80	78	85	88	85	90	88	86	85	76	69	77	85	78	73	87	89	85	85	75	87	88	87	88	90	90	92	94	91	91	84.5
	Minimum	53	52	64	64	64	72	70	73	70	68	52	51	53	60	57	48	60	70	65	64	69	70	69	70	66	63	72	73	74	77	73	64.7
England	Maximum	70	81	79	82	87	73	86	87	81	81	73	71	79	80	77	79	87	88	74	87	80	82	85	86	87	90	..	92	92	91	92	82.6
	Minimum	49	51	61	55	55	64	65	70	62	63	48	49	55	55	52	45	54	68	65	63	62	67	68	68	62	61	..	70	76	74	71	60.9
Eureka Springs	Maximum	77	77	80	76	76	85	74	81	78	75	71	78	78	77	69	75	86	86	82	82	78	82	86	78	82	87	84	89	88	86	86	80.3
	Minimum	46	52	61	46	55	59	64	69	60	48	40	48	56	51	48	43	58	71	60	61	64	62	70	64	56	64	69	68	66	60	64	58.2
Fayetteville	Maximum	74	76	76	81	72	84	80	73	76	72	71	77	78	75	68	74	85	87	81	82	78	82	84	84	83	87	85	91	90	90	86	80.2
	Minimum	45	52	59	43	59	60	70	70	58	47	39	46	56	49	46	38	58	69	60	64	65	66	63	63	54	56	72	72	67	62	65	57.8
Fort Smith	Maximum	71	81	71	77	79	78	82	84	80	66	71	79	80	74	73	73	85	88	81	84	75	88	90	83	87	90	90	96	94	92	91	81.7
	Minimum	55	58	59	54	64	60	67	70	60	54	48	52	59	57	54	47	58	71	62	66	66	67	75	66	61	63	74	72	75	71	75	62.6
Gravette	Maximum	74	76	76	75	74	84	76	76	75	65	70	79	78	76	68	73	85	87	82	82	79	84	86	80	82	86	86	91	90	85	85	79.5
	Minimum	46	53	60	41	57	59	66	66	62	45	36	48	55	47	42	36	59	69	61	63	65	63	72	65	54	56	69	72	67	69	65	57.7
Harrison	Maximum	77	81	76	..	80	85	75	85	86	75	76	89	83	75	72	81	93	92	80	87	81	86	88	85	89	93	91	93	93	90	97	84.5
	Minimum	42	51	45	..	54	59	62	69	65	50	41	42	55	48	46	39	53	68	59	61	65	62	70	65	54	60	67	69	66	61	63	57.0
Helena	Maximum	75	86	82	82	85	73	87	89	87	85	75	78	79	83	78	80	86	89	86	93	83	84	88	89	89	94	94	92	95	93	85	85.3
	Minimum	54	49	61	60	61	64	63	68	72	62	50	50	56	57	54	48	50	68	67	62	68	71	67	70	67	63	67	73	75	75	73	62.7
Hope	Maximum	79	80	77	83	89	81	87	88	82	82	80	77	81	75	79	73	88	91	81	87	77	89	90	87	87	93	90	94	94	93	93	84.7
	Minimum	49	61	63	70	69	71	68	71	63	57	53	48	53	60	53	44	59	68	62	62	68	69	72	66	63	60	72	74	74	73	73	63.5
Hot Springs	Maximum	72	79	77	81	86	82	85	84	80	77	75	74	82	79	75	75	86	93	84	85	79	84	86	83	87	90	89	92	91	90	89	82.9
	Minimum	49	51	59	52	62	64	65	69	62	56	46	49	53	53	56	44	54	68	62	62	66	66	70	71	60	60	68	71	76	71	71	60.8
Huttig	Maximum	82	83	82	82	89	89	89	88	87	..	90	83	77	85	..	86	..	90	89	85	..	..	88	90	89	92	93	94	92	96	93	87.8
	Minimum	60	53	63	63	64	72	70	70	74	..	55	54	60	58	..	46	..	56	63	63	..	..	67	71	66	61	73	73	75	70	74	64.4
Jonesboro	Maximum	71	79	78	78	74	72	80	84	80	79	71	78	76	77	72	76	84	86	80	86	82	76	84	84	84	90	89	86	89	89	88	80.7
	Minimum	47	48	62	55	57	59	63	69	63	53	47	59	56	54	53	47	54	69	61	63	61	67	67	68	63	64	64	61	71	76	67	60.3
Junction	Maximum	80	85	84	80	85	87	89	90	87	78	76	78	79	80	82	83	87	90	85	84	80	85	87	88	87	90	92	92	96	95	94	85.6
	Minimum	58	59	61	62	64	67	68	70	71	64	53	56	54	56	54	47	56	62	64	64	66	66	67	68	65	67	68	69	70	71	72	63.2
Little Rock	Maximum	72	77	73	78	80	71	84	85	80	75	71	74	79	75	74	74	85	86	77	85	75	80	84	83	85	88	88	89	89	89	89	80.5
	Minimum	95	58	63	58	62	63	65	71	62	58	50	53	54	59	57	51	57	69	62	65	66	69	69	65	66	64	71	72	76	76	74	63.2
Lurton	Maximum	70	72	73	74	73	76	72	77	73	69	65	74	73	67	64	69	81	81	76	76	71	74	82	76	79	82	81	83	85	83	82	75.3
	Minimum	47	57	55	49	57	58	62	67	57	49	41	51	53	52	48	47	53	61	54	60	60	61	68	63	59	62	66	66	70	64	61	57.4
Lutherville	Maximum	71	76	83	76	78	77	77	81	78	67	71	78	75	71	72	72	85	87	80	81	76	80	86	81	82	86	86	90	91	88	88	79.7
	Minimum	51	53	62	51	62	61	65	71	62	55	44	49	56	54	50	43	56	67	61	64	65	64	71	64	58	59	65	70	74	72	67	60.2
Magnolia	Maximum	78	80	76	81	86	86	88	89	85	81	79	66	..	83	76	74	85	88	87	..	78	87	87	87	87	89	88	90	91	93	90	84.0
	Minimum	52	54	54	64	66	73	68	70	64	65	51	54	..	60	67	48	62	69	64	..	62	63	70	71	66	63	67	74	70	74	74	64.1
Malvern	Maximum	75	79	81	81	87	85	85	86	81	80	77	76	82	82	79	76	88	90	85	85	80	86	86	86	89	91	89	93	93	91	91	84.4
	Minimum	48	50	58	54	63	65	65	73	64	58	41	49	52	54	54	42	53	68	62	61	67	66	70	71	60	59	67	73	76	74	71	60.9
Mammoth Spg	Maximum	73	80	80	75	73	71	76	84	78	73	70	76	77	75	73	74	84	86	84	83	82	82	84	85	84	86	85	84	84	87	85	79.8
	Minimum	44	45	57	48	55	59	61	70	61	52	47	44	53	48	51	40	47	68	62	60	64	65	68	65	56	57	64	61	72	65	65	57.2
Marianna	Maximum	82	83	82	76	83	82	84	83	84	81	78	77	78	77	80	80	81	85	82	85	80	83	83	84	85	89	87	86	90	90	96	82.9
	Minimum	54	56	54	61	65	66	63	68	71	64	52	53	58	57	48	47	54	69	65	65	70	69	68	70	68	65	71	74	76	75	75	63.6
Marked Tree§§	Maximum	74	73	74	71	68	80	81	80	79	68	70	68	75	68	70	79	79	79	80	81	73	78	82	81	84	87	81	86	88	86	80	77.5
	Minimum	55	60	60	61	61	64	67	73	63	54	54	55	60	58	54	56	60	62	64	67	69	68	70	66	67	66	68	62	77	69	66	63.1
Marshall	Maximum	69	75	81	75	75	79	78	82	80	74	68	81	78	77	76	76	86	86	83	82	78	79	86	83	83	88	86	85	89	87	88	80.4
	Minimum	44	54	61	46	57	64	65	71	63	52	45	45	35	48	43	41	54	69	61	64	66	64	72	73	56	58	72	71	74	65	63	58.6
Mena	Maximum	72	76	74	82	84	82	82	82	75	73	74	75	81	76	73	72	82	86	79	84	77	86	87	82	88	90	87	93	89	89	89	81.3
	Minimum	48	52	58	55	67	60	69	69	59	53	45	50	52	53	49	44	52	66	60	61	65	65	73	72	55	58	65	74	74	72	73	60.3
Morrillton	Maximum	72	77	74	77	78	78	82	83	82	73	73	78	80	80	75	77	85	87	86	84	83	82	87	85	88	92	90	90	91	91	91	82.3
	Minimum	52	55	62	55	62	63	66	73	64	60	51	51	58	57	57	48	58	70	63	65	69	66	72	74	64	64	72	73	76	78	69	63.5
Mount Ida	Maximum	74	78	78	80	86	81	85	85	81	76	76	75	83	82	76	74	85	89	80	84	77	86	88	83	87	89	89	92	91	89	92	82.9
	Minimum	44	44	55	51	60	62	65	73	60	52	42	44	50	49	45	37	50	69	61	58	65	66	73	73	57	55	67	75	76	72	73	58.8
Newport	Maximum	71	72	72	71	72	72	78	80	82	71	71	72	77	77	70	69	82	82	81	81	80	80	81	86	86	83	93	90	94	88	95	79.3
	Minimum	49	52	60	54	61	62	65	70	64	59	49	51	58	59	56	51	55	69	64	65	69	67	68	72	62	63	69	74	76	76	67	62.5
Osceola	Maximum	75	80	80	77	77	76	82	86	84	81	68	74	79	66	72	75	78	84	80	88	83	82	83	85	87	90	88	84	89	87	88	80.9
	Minimum	50	50	63	59	61	60	64	63	67	60	50	52	58	56	55	48	55	58	62	64	68	70	67	71	64	64	65	63	66	71	66	61.0
Pine Bluff	Maximum	74	82	82	84	88	79	87	87	85	84	79	75	80	85	82	81	89	90	81	89	78	82	86	87	90	93	91	93	93	93	94	85.3
	Minimum	52	54	62	59	66	64	66	72	69	65	50	53	55	58	55	48	55	69	66	65	67	67	69	68	64	63	70	73	76	75	73	63.5
Pocahontas	Maximum	75	79	74	79	72	73	79	82	79	76	74	70	75	76	77	77	83	85	83	86	83	77	83	83	84	88	89	85	88	86	83	80.1
	Minimum	48	48	58	52	55	60	68	68	63	55	44	46	44	54	50	47	50	67	64	60	66	67	67	72	59	62	65	60	72	71	66	59.0
Portland	Maximum	76	87	84	80	90	88	92	89	90	91	84	76	80	85	80	77	90	92	89	89	79	85	90	90	88	93	91	95	97	95	97	87.4
	Minimum	58	57	63	64	65	71	67	71	73	67	54	55	59	58	56	48	55	67	70	65	70	69	68	70	64	64	71	72	72	71	71	64.7
Prescott	Maximum	77	81	77	88	88	82	88	86	84	82	78	72	81	83	86	80	87	91	86	85	84	86	87	87	86	92	90	93	92	94	92	85.2
	Minimum	61	51	64	52	62	66	67	69	64	58	48	54	53	61	52	46	59	64	70	61	65	67	66	70	63	62	68	72	74	73	73	62.4
Rison	Maximum	75	82	83	82	90	87	87	89	86	84	79	75	82	82	85	78	87	91	88	89	86	84	88	91	89	93	92	94	96	93	94	86.5
	Minimum	50	52	60	59	63	64	64	70	69	64	48	56	54	57	52	45	53	68	64	64	66	66	68	70	65	61	70	72	74	73	71	62.3
Rogers	Maximum	77	76	79	76	76	85	77	86	77	66	70	78	78	70	68	74	85	87	79	83	77	84	85	79	83	86	85	90	89	86	86	79.9
	Minimum	45	49	60	42	57	60	60	70	61	48	39	44	55	47	44	37	57	70	61	62	64	63	72	64	53	57	62	69	66	61	65	56.9
Searcy	Maximum	71	79	77	79	79	73	82	85	85	76	72	78	80	78	74	77	86	87	83	86	80	79	85	84	86	89	89	89	91	91	92	82.0
	Minimum	47	48	60	52	58	63	65	70	68	56	45	47	55	51	51	42	50	68	65	62	67	66	68	71	60	60	67	69	75	73	69	60.3
Stuttgart	Maximum	72	80	78	80	84	77	84	85	84	80	72	74	77	79	76	75	86	88	83	87	80	82	85	85	86	90	90	92	91	90	91	82.7
	Minimum	49	63	56	64	65	64	68	67	64	48	50	55	55	54	45	53	68	79	63	68	68	67	70	63	63	63	72	74	74	73	73	63.2
Subiaco	Maximum	74	78	76	77	78	78	79	85	83	72	72	80	78	77	74	75	86	89	83	83	79	84	90	85	85	89	90	93	94	94	92	82.3
	Minimum	51	55	60	52	62	62	65	73	65	56	45	50	55	57	52	44	56	76	61	64	65	65	74	65	61	61	72	70	75	73	78	61.9
Texarkana	Maximum	81	83	83	87	90	89	90	90	82	82	81	78	82	89	80	78	89	91	86	88	75	90	90	88	91	94	90	94	95	93	94	86.9
	Minimum	50	53	55	60	65	65	70	70	71	57	47	50	52	57	54	49	57	60	70	60	67	67	73	70	59	60	70	72	72	72	72	62.1
Thornburg	Maximum	73	75	72	77	79	75	80	83	78	70	70	75	77	75	73	74	83	87	80	83	75	80	85	78	88	88	88	89	88	87	88	79.8
	Minimum	40	48	62	46	56	62	64	70	62	63	45	41	53	45	54	35	50	67	61	59	65	65	74	66	56	53	66	70	76	75	68	58.6
Warren	Maximum	75	82	82	80	88	86	88	87	88	85	81	76	78	82	78	78	87	90	90	87	80	82	88	88	90	94	95	94	94	93	92	85.7
	Minimum	52	60	62	65	70	66	72	73	67	52	55	56	60	56	49	55	68	70	63	68	68	68	69	65	62	69	73	73	73	71	73	64.6
Wilson	Maximum	71	79	79	76	78	72	81	85	84	79	75	74	77	78	76	74	81	84	82	86	83	83	83	85	82	83	89	87	89	89	89	81.1
	Minimum	47	47	63	57	60	60	62	70	71	59	49	50	58	54	56	46	56	67	60	65	68	71	68	71	66	65	65	63	69	71	68	61.4
Wynne	Maximum	75	82	79	80	80	72	82	82	82	81	72	80	79	78	80	77	77	86	81	87	83	79	84	85	90	89	89	88	92	92	93	82.5
	Minimum	48	50	62	59	59	62	66	71	72	60	47	49	51	52	62	45	52	52	62	64	70	70	68	72	64	63	69	73	75	75	68	61.7

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., JUNE, 1927 No. 6

GENERAL SUMMARY

The mean temperature of the State during June was 0.8° below normal, this being the first month of the year with a negative departure. The month was also marked by heavy rainfall, the average of 6.50 inches being the greatest June total of the last 23 years and with but two exceptions the greatest on record. Although the temperature averaged almost a degree below normal there were no unusually low extremes, the lowest, 43° at Dutton on the 16th being well within the limit of previous records. The month opened with practically normal temperatures prevailing and while daily means were as much as 7° above normal on a few days, most of the month was cool with the lowest 10° to 12° below around the 6th. The heavy rains kept the streams of the State at moderately high stages throughout the month, the Black being above flood stage at Corning and Black Rock practically the entire month, the White reaching flood at Calico Rock and Batesville and the lower White near or above a week or more. The lower Arkansas was above flood stage the entire month, the Mississippi at Helena was above from the 8th to the 25th and the smaller streams much of the time. Although the flood condition of the eastern lowlands improved there was still much land unplanted at the close of the month. Tha weather of the month was favorable for the growth of cotton, stands being good in most places. Cultivation was delayed by the frequent showers and some fields were grassy, but sunshine the latter part of the month enabled most farmers to get over the crop. Blooms were reported by the close of the month in southern counties and boll weevil in a few localities. Corn made good progress and was in good condition generally. All minor crops made satisfactory progress. W.C.H.

TEMPERATURE

The mean temperature for June, as determined from the records of 56 stations, was 76.3° which is 0.8° below normal. Positive departures occurred at two eastern and nine southern stations, while at other stations temperatures were normal or below. The highest monthly mean was 81.4° at Huttig. the lowest, 69.4° at Lurton. The highest temperature recorded was 104° at Amity on the 25th and 26th. The lowest was 43° at Dutton on the 16th.

PRECIPITATION

The average precipitation for June, as determined from the records of 81 stations, was 6.50 inches which is 2.48 inches above normal. A few scattered stations showed negative departures, but in most sections positive departures prevailed. The greatest monthly total was 14.57 inches at Hot Springs, the least 2.70 inches at Huttig. The greatest amount measured in any 24 hour period was 6.22 inches at Danville on the 6th. The average number of rainy days was 9.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 28; 2d, 27; 3d, 20; 4th, 22; 5th, 17; 6th. 10; 7th, 1; 9th, 1; 10th, 4; 11th, 3; 12th, 11; 13th, 22; 14th, 8; 16th, 1; 17th, 8; 18th, 14; 19th, 31; 20th, 34; 21st, 19; 22d, 1; 23d, 2; 25th, 1; 29th, 6; 30th, 24.

SOLAR HALOS:---4th, 1; 5th, 1; 8th, 2; 10th, 1; 16th, 1; 19th, 1; 20th, 1; 21st, 1.

DENSE FOG:------Prescott, 7th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	29.96	30.23	5	29.61	20	3,396	24		3			62
Fort Smith.	29.94	30.19	7	29.57	20	5,114	45	sw.	20	84	63	72
Little Rock.	29.97	30.21	29	29.59	21	5,663	42	w.	20	85	66	67
Memphis.	29.97	30.24	29	29.62	21	5,114	44	nw.	19	81	64	71

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COMPARATIVE DATA FOR JUNE

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-	**77.1**		**110**		**37**		**4.02**		**14**	**10**	**6**	**8**
Extremes												
1891	77.9	+0.8	103	27	56	9	3.71	−0.31	11	11	8	17
1892	76.9	−0.2	103	14	40	2	3.87	−0.15	16	10	4	8
1893	76.3	−0.8	99	13	49	8	5.20	+1.18	12	12	6	9
1894	76.6	−0.5	106	30	42	1	1.39	−2.63	17	10	3	4
1895	76.9	−0.2	100	2	47	6	5.94	+1.92	12	10	8	10
1896	77.7	+0.6	103	27	48	3	1.91	−2.11	14	10	6	5
1897	78.0	+0.9	106	22	41	1	3.46	−0.56	12	13	5	6
1898	78.7	+1.6	100	25	60	3	4.86	+0.84	8	14	8	11
1899	77.3	+0.2	102	24	50	18	2.74	−1.28	13	12	5	6
1900	76.6	−0.5	100	10	43	4	7.10	+3.08	7	14	9	13
1901	79.4	+2.3	110	29	41	1	1.44	−2.58	16	12	2	4
1902	77.5	+0.4	105	19	42	23	5.27	+1.25	16	9	5	6
1903	70.5	−6.6	99	21	37	12	2.53	−1.49	13	10	7	7
1904	75.3	−1.8	99	13	50	7	7.14	+3.12	11	13	6	10
1905	77.9	+0.8	104	15	44	1	5.90	+1.88	12	10	8	10
1906	76.2	−0.9	101	18	44	22	4.60	+0.58	14	11	5	8
1907	75.2	−1.9	103	24	39	2	4.48	+0.46	14	11	5	8
1908	76.0	−1.1	98	23	46	14	3.85	−0.17	13	11	6	8
1909	76.9	−0.2	104	8	49	4	4.08	+0.06	12	12	6	10
1910	74.1	−3.0	99	18	44	12	4.85	+0.83	12	13	5	10
1911	80.9	+3.8	106	7	47	13	2.53	−1.49	16	11	3	6
1912	73.1	−4.0	97	17	42	8	5.83	+1.81	11	12	7	9
1913	77.0	−0.1	103	28	39	12	1.68	−2.34	16	11	3	4
1914	82.3	+5.2	109	28	52	28	1.00	−3.02	19	10	1	2
1915	76.0	−1.1	106	21	45	9	4.92	+0.90	12	9	9	9
1916	75.4	−1.7	99	21	43	8	5.15	+1.13	12	10	8	8
1917	75.2	−1.9	105	30	37	16	4.87	+0.85	18	7	5	6
1918	80.5	+3.4	110	20	49	13	3.55	−0.47	15	9	6	7
1919	76.9	−0.2	101	26	45	4	5.11	+1.09	11	10	9	10
1920	74.7	−2.4	101	26	42	24	3.41	−0.61	19	6	5	6
1921	78.5	+1.4	103	3	46	8	4.84	+0.82	12	10	8	11
1922	78.6	+1.5	104	14	44	4	2.64	−1.38	16	8	6	7
1923	76.7	−0.4	99	25	46	29	5.20	+1.18	13	11	6	9
1924	78.5	+1.4	105	12	42	2	3.64	−0.38	15	6	9	8
1925	82.3	+5.2	108	20	46	1	2.08	−1.94	17	9	4	4
1926	76.6	−0.5	104	12	42	6	2.60	−1.42	17	8	5	6
1927	76.3	−0.8	104	25	43	16	6.50	+2.48	13	8	9	9

Corrections May, 1927

Marshall.---Minimum on 13th should be 55, sum of minima, 1836, mean minimum 59.2, monthly mean 69.8, departure +2.6, lowest for month 41 on 16th, greatest daily range 36.

Batesville.----Mean maximum 81.3e, mean 69.4b, departure +1.6.

England.-----Greatest precipitation in 24 hours 1.17 inches on the 3d.

Climatological Data for June, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	79.4	+4.6	104	25†	57	7	37	4.10	−1.54	1.34	0.0	7	7	18	5	s.	G. C. Thrash
Arkadelphia	Clark	250	31								7.04	+1.94	3.20	0.0	6	14	8	8	s.	F. J. Carpenter
Arlberg	Stone	700	5								7.30		1.75	0.0	9	18	6	6	ne.	J. D. Reeves
Batesville	Independence	277	28	73.8	−1.6	94	30	53	7†	33	4.41	−0.38	2.02	0.0	12	16	2	12	s.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	35	75.2	−1.6	95	26	53	7	30	7.76	+3.64	3.95	0.5	10	4	16	10	s.	J. E. Scanlan
Bentonville	Benton	1303	22	72.2	−1.9	91	25	53	15	30	7.47	+2.91	1.98	0.0	12	14	7	9	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								7.01	+3.67	2.50	0.0	10	19	1	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	2	76.4		99	30	54	7	32	10.39		3.25	0.0	12	16	6	8	s.	J. M. Brooks
Booneville	Logan	465	13	75.7	−1.9	97	26	53	14	28	6.20	+2.01	1.61	0.0	10	15	7	8	e.	F. H. Randolph
Brinkley	Monroe	205	40	76.6	−1.1	95	30	55	7	30	5.26	+1.82	1.31	0.0	6	12	13	5	sw.	R. J. Torry
Calico Rock	Izard	361	23	74.8	−1.4	98	25	54	7	36	4.52	+0.97	1.40	0.0	9	11	12	7	sw.	W. J. Copp
Camden	Ouachita	158	42	77.5	−0.7	96	27	60	7†	26	4.41	−0.28	1.42	0.0	5	9	11	10	sw.	A. B. Quarterman
Center Point	Howard	470	28	77.9	−0.7	98	26	57	7	26	7.62	+3.24	3.05	0.0	8	16	5	9	s.	John C. Floyd
Clarendon	Monroe	200	23								5.74	+2.40	1.67	0.0	7	9	8	12	s.	J. W. Bishop
Clinton	Van Buren	516	6								4.88		1.24	0.0	10	3	16	11	w.	A. L. Stephens
Cold Springs	Scott	1250	1								8.00		2.00	0.0	7	12	10	8	sw.	Otto Parker
Conway	Faulkner	309	44	77.0	−1.2	96	25	55	7	29	7.29	+3.24	2.11	0.0	11	18	6	6	s.	E. E. Cordrey
Corning	Clay	293	34	74.6	−1.0	96	30	53	7	34	8.09	+3.97	2.37	0.0	8	14	11	5	se.	Winfred D. Polk
Dam No. 1	White	190	4								6.77		3.18	0.0	6	22	1	7	sw.	J. O. Yingling
Danville	Yell	327	11								12.27	+8.91	6.22	0.0	6	16	4	10	s.	C. P. Evans
Dardanelle	Yell	330	41	77.4	−0.4	96	25	58	7	27	7.32	+3.68	2.20	0.0	10	17	12	1	se.	G. N. Goodier, Jr
Dumas	Desha	162	21	78.8	0.0	97	29	60	15†	27	8.17	+4.04	1.85	0.0	9	4	17	9	s.	Ben Johnson
Dutton	Madison	1590	24	69.7[b]	−2.1	92[b]	26	43[b]	16	31[b]	5.79	+0.29	1.67	0.0	11	12[b]	10[b]	6[b]	s.	J. M. Ricketts
El Dorado	Union	270	26	79.4	+0.4	97	26	62	8	24	4.97	+1.73	1.75	0.0	9	2	17	11	sw.	J. J. Babb
England	Lonoke	229	20	77.0[a]	−0.9	95[a]	30	56[a]	7	29[a]	8.27	+4.61	2.35	0.0	13	13[a]	10[a]	6[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	73.2	−0.8	90	11†	54	15	31	5.60	−0.11	1.02	0.0	12	13	10	7	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	73.0	−1.2	91	10	56	7	33	8.93	+4.36	2.61	0.0	11	16	9	5	s.	University of Arkansas
Fort Smith	Sebastian	457	46	76.6	−0.9	98	26	61	15	27	3.15	−0.85	0.95	0.0	10	12	9	9	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								5.95		1.57	0.0	13	15	10	5	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								4.19	+0.26	1.88	0.0	4	9	14	7		T. J. Logan
Georgetown	White	200	15								5.60	+2.15	2.09	0.0	8	13	1	16	w.	W. R. Owens
Gilbert	Searcy	675	4								4.17		1.36	0.0	7	13	15	2		Ben F. Battenfield
Gravette	Benton	1250	30	72.3	−1.3	91	25	53	15	28	8.23	+2.82	1.90	0.0	12	17	7	6	se.	A. F. Stevens
Harrison	Boone	1052	26	72.8		96	11	52	7†	37	3.89	−0.09	1.62	0.0	10	16	7	7		G. L. Wright
Helena	Phillips	193	55	79.2	+1.0	100	26†	59	8	32	4.20	+0.27	1.18	0.0	11	6	17	7	s.	James A. Burnett
Higden	Cleburne	445	9								5.45		1.91	0.0	10	10	15	5	w.	Geo. W. Baker
Hope	Hempstead	377	56	78.8	+0.4	99	26	58	7†	36	3.08	−0.81	0.83	0.0	6	21	3	6	s.	N. P. O'Neal
Hot Springs	Garland	600	36	76.4	−1.5	94	11†	55	7	30	14.57	+9.99	4.29	0.0	12	16	5	9		P. P. Patraw
Huttig	Union	175	20	81.4[b]	+2.0	100[b]	18	63[b]	8	31[b]	2.70	−1.65	0.82	0.0	6	12	6	12	sw.	J. L. Collett
Index	Little River	275	2								2.88		1.13	0.0	5	12	9	9		H. D. Sanderson
Jessieville	Garland	750	1								7.70		2.50	0.0	6	13	8	9	s.	George Casey
Jonesboro	Craighead	345	32	75.5	−2.1	95	29†	54	7	31	5.99	+3.29	1.80	0.0	9	19	3	8	sw.	Benedictine Sisters
Junction	Union	182	33											0.0						J. A. Lowderback
Little Rock	Pulaski	357	48	76.2	−1.2	92	12	57	7	24	5.71	+1.62	2.15	0.0	11	11	11	8	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	69.4		86	10	52	6†	23	7.36		1.32	0.0	14	15	8	7	sw	I. C. Sutton
Lutherville	Johnson	775	29	74.9	−0.9	90	11†	54	7	27	8.27	+3.80	2.23	0.0	13	14	7	9	e	H. G. Lenhardt
Magnolia	Columbia	315	8	79.0[a]		97[a]	18	59[a]	5	26[a]	4.86		1.39	0.0	8	7[b]	8[b]	13[b]	ne.	State Agri. School
Malvern	Hot Springs	277	40	77.6	+0.1	95	11†	56	7	31	9.46	+5.30	3.29	0.0	8	17	9	4	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	73.3[b]	1.0	96[c]	25	51	7	34[c]	6.96	+2.64	2.50	0.0	10	14	1	15	sw.	E. C. Bellamy
Marianna	Lee	235	15	78.2	+0.2	99	30	61	7	25	3.69	−0.83	1.15	0.0	9	20	7	3	s.	C. N. Houck
Marked Tree	Poinsett	229	22	75.4		94	10†	57	6	25	4.65	+1.72	1.35	0.0	11	13	14	3	sw.	Charles Walton
Marshall	Searcy	1070	13	73.8	−2.8	92	11†	52	7	32	6.09	+2.19	2.62	0.0	9	11	7	12	s.	A. J. Park
Mena	Polk	1185	39	75.2	−1.2	96	26	55	7†	33	5.50	+0.66	2.15	0.0	6	11	12	7	sw	E. W. St. John
Morrillton	Conway	347	6	77.4		94	10†	56	7	27	9.62		2.35	0.0	7	12	11	7	sw	John Cook
Mountain Home	Baxter	800	13	74.0	−0.8	96	11	53	7	36	8.57	+4.28	2.28	0.0	8	11	7	12	sw.	B. S. Halbert
Mount Ida	Montgomery	650	28	75.3	−1.2	97	26	53	9	34	7.18	+2.54	1.83	0.0	8	16	5	9	sw.	G. A. Whittington
Newport	Jackson	231	43	77.5	−0.3	99	29	55	7	31	5.32	+1.68	3.25	0.0	9	19	2	9	n.	A. C. Wilkerson
Oden	Montgomery	800	1								5.44		1.87	0.0	11	15	10	5	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	75.6	−1.6	95	27	56	8	30	3.58	+0.12	1.05	0.0	8	16	7	7	s.	June Thomason
Ozark	Franklin	450	31	77.3[b]	−0.7	95[b]	26	60[b]	14†	30[b]	10.19	+5.92	2.90	0.0	13	17[d]	2[d]	7[d]	sw.	Isham Burrow
Paragould	Clay	301	1								9.25		2.92	0.0	11					W. R. Heigler
Patterson	Woodruff	196	11								5.85	+1.25	1.30	0.0	8	16	5	9	s.	W. E. Baker
Pindall	Searcy	1500	5								3.64		1.51	0.0	12	15	9	6	sw.	W. W. Wood
Pine Bluff	Jefferson	215	40	78.5	−0.5	98	29	61	7†	30	10.18	+6.31	4.69	0.0	9	12	5	13	s.	Miss Theresa Schen
Pocahontas	Randolph	300	34	75.9	−0.5	98	30	53	7	31	6.90	+2.95	1.75	0.0	10	12	7	11	n	Benedictine Sisters
Portland	Ashley	122	21	80.8	+1.6	100	29	60	16	30	3.08	−1.06	1.33	0.0	7	5	17	8	sw.	W. E. Edmiston
Prescott	Nevada	329	39	78.4	−0.1	98	26	57	7	30	9.40	+5.66	4.60	0.0	6	14	6	10	n.	C. D. Calhoun
Princeton	Dallas	287	21								9.05	+4.90	2.95	0.0	6	9	0	21		Mrs. F. P. Coleman
Rison	Cleveland	243	26	78.9	+1.0	99	11	59	16	31	9.50	+5.55	2.30	0.0	7	8	13	9	sw.	Mrs M. V. Tisdal
Rogers	Benton	1385	36	72.4	−1.0	91	25	53	7	32	6.38	−1.77	2.02	0.0	11	10	13	7	s.	Carl A. Starck
Searcy	White	236	18	76.1	−1.1	94	11	55	7	39	8.59	+5.09	4.10	0.0	7	18	0	12	s.	J. T. Bell
Springbank	Miller	240	20								4.15	−0.21	2.90	0.0	6	12	5	13		Miss Grace Field
Story	Montgomery	700	3								7.49		3.36	0.0	8	17	8	5	s	S. C. Story
Stuttgart	Arkansas	228	40	76.8	−0.8	95	29	57	6†	23	5.76	+1.65	2.05	0.0	8	18	8	4	s.	Adam F. Buerkle
Subiaco	Logan	1050	30	75.8	−1.6	95	26	56	7	29	5.77	+1.80	1.15	0.0	15	12	6	12	s.	New Subiaco Abbey
Texarkana	Miller	332	41	79.2	+0.2	101	26	58	7†	36	5.31	−1.68	1.77	0.0	6	13	6	6	s.	H. S. Brashear
Thornburg	Perry	650	3	73.4[a]		92[a]	25	50[a]	9	32[a]	9.98		3.45	0.0	11	17	5	8	sw.	Edward E. Holmes
Waldron	Scott	675	8								8.11		2.71	0.0	9	10	6	14	ne.	Pr. Cheves Bevill
Warren	Bradley	206	33	79.1	+0.3	97	3	59	15	31	5.65	+1.67	1.40	0.0	6	14	8	8	s.	W. L. Shide
Waters	Montgomery	800	3								6.10		2.82	0.0	6	..	..			J. R. Huddleston
Whitecliffs	Little River	290	23								7.10	+3.59	3.78	0.0	4	10	11	9		Nannie O. Schirmer
Wilson	Mississippi	237	2	75.4		95	30	53	7	26	3.49		0.55	0.0	11	19	5	6	s.	M. W. H. Collins
Wynne	Cross	250	19	76.6	−1.9	97	29	54	7	29	3.01	−0.54	0.67	0.0	7	11	7	12	s.	E. O. Allen
Yancopin	Desha	167	3								7.24		2.43	0.0	11	10	6	14		W. E. Barton
State Means and Extremes				76.3	−0.8	104	25†	43	16	37	6.50	+2.48	6.22	0.0	9	13	8	9	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] indicate number of days missing. [d]Also on other dates. ‡‡Post office addresses as follows:- Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.; Dam No 1, Judsonia, Ark.

Daily River Stages for June, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.0	8.2	13.7	17.5	17.2	16.5	15.3	14.0	13.5	12.0	11.5	10.5	9.5	9.0	8.8	9.2	10.7	11.4	11.1	11.0	16.2	19.4	22.2	21.4	20.0	18.5	17.4	16.7	16.3	15.7	
Dardanelle	do	20	9.3	12.7	13.2	15.0	17.2	17.0	16.0	14.4	12.9	12.0	10.8	9.2	8.9	7.9	7.2	6.7	6.0	5.8	7.9	9.4	9.8	10.3	15.2	18.1	20.2	20.0	18.7	17.2	16.0	15.2	14.1
Little Rock	do	23	9.9	10.0	13.0	14.7	15.7	17.5	17.4	16.8	15.7	14.4	13.4	11.4	10.6	9.7	8.8	7.8	7.5	7.4	8.4	9.4	10.8	13.0	16.6	18.6	19.8	19.5	18.4	17.6	16.0	15.3	
Pine Bluff	do	25	14.0	14.3	14.9	17.5	18.2	20.2	20.8	20.6	19.8	18.7	17.6	16.4	15.0	14.1	13.3	12.5	12.0	12.0	11.7	12.7	13.5	15.2	17.6	20.2	21.8	22.7	22.4	21.2	20.1	19.0	
Yancopin	do	29	33.9	34.0	34.0	34.1	34.3	34.6	34.8	34.9	35.0	35.2	35.4	35.5	35.7	35.9	36.2	36.4	36.6	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.8	36.8	36.6	36.4	36.2	35.9	35.5
Danville	Petit Jean	20	7.3	20.0	22.4	22.0	20.0	22.1	22.5	21.5	18.9	14.0	11.6	8.5	6.2	5.8	10.9	17.6	18.7	9.5	6.9	6.4	17.1	20.0	18.7	13.6	11.4	8.1	6.5	5.2	4.6	4.5	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	9.3	7.9	13.3	16.2	18.4	18.7	12.2	9.0	8.7	8.1	6.4	5.6	5.0	4.9	4.5	3.9	3.8	4.1	3.8	6.7	15.5	17.7	11.3	9.9	8.1	6.7	5.7	5.0	4.5	4.2	
Batesville	...do	23	16.7	15.3	17.1	23.6	21.4	20.6	20.1	17.4	14.8	15.9	13.5	12.2	11.3	11.0	10.6	10.1	9.6	9.6	9.8	11.9	16.1	26.6	21.8	17.4	15.6	13.7	12.3	11.3	10.6	10.1	
Newport	...do	26	22.6	22.8	23.6	23.9	25.8	26.9	27.7	27.8	27.3	26.8	26.5	25.8	25.0	24.2	23.3	22.5	21.5	20.6	19.7	19.2	20.4	23.6	26.1	25.9	25.0	23.9	22.6	21.1	19.7	18.3	
Dam No. 1	Little Red	..	8.0	8.6	10.0	14.0	12.0	10.0	9.6	8.4	8.0	7.8	7.6	7.4	7.2	6.0	5.9	5.7	5.5	5.3	5.1	6.3	17.5	20.0	12.0	7.6	7.0	6.4	6.0	5.6	5.4	5.2	
Georgetown	White	22	21.8	21.8	21.6	21.6	21.7	21.8	21.9	22.0	22.3	22.4	22.5	22.5	22.3	22.2	22.1	21.9	21.7	21.4	21.1	21.0	21.0	21.3	21.6	21.6	21.9	21.9	21.9	21.7	21.4	21.0	
Clarendon	...do	30	28.4	28.5	28.5	28.5	28.4	28.3	28.3	28.3	28.2	28.3	28.4	28.6	28.9	29.1	29.3	29.3	29.2	29.1	28.9	28.7	28.7	28.6	28.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4	
Gilbert	Bufialo	30	11.0	10.0	14.2	11.0	9.3	7.0	6.5	6.1	5.8	5.5	5.3	5.0	4.9	5.2	5.0	4.9	4.8	4.8	4.7	4.8	5.5	5.8	5.5	5.0	4.7	4.5	4.5	4.4	4.4	4.4	
Corning	Black	11	13.4	13.3	13.4	13.5	14.2	14.7	14.5	14.0	13.6	13.3	13.0	12.7	12.4	12.2	11.9	11.7	11.5	11.6	11.5	11.5	11.6	11.6	11.7	11.9	11.9	11.8	11.6	11.2	10.8	10.3	
Black Rock	...do	14	20.1	22.0	23.6	24.7	25.2	25.0	24.8	24.6	24.4	24.2	23.7	23.1	22.6	22.3	21.6	20.8	19.8	19.4	19.4	19.1	19.0	19.8	20.0	18.9	17.8	16.8	15.8	14.8	14.0	13.0	
Patterson	Cache	9	8.9	8.9	8.9	8.9	8.9	8.8	8.7	8.6	9.0	9.3	9.5	9.5	9.5	9.7	9.7	9.7	9.6	9.4	9.2	9.6	8.7	8.5	8.2	7.9	8.5	8.8	9.1	9.4	9.7	9.1	
Arkadelphia	Ouachita	18	2.2	9.2	13.2	5.8	4.0	8.6	13.6	7.0	4.3	3.8	3.3	3.3	1.0	2.8	3.2	4.3	5.0	3.5	3.5	2.8	11.8	11.0	8.0	4.8	4.2	3.7	3.3	2.0	2.1	1.7	
Camden	...do	30	16.7	14.0	15.3	21.3	23.4	21.0	20.6	23.9	26.4	25.8	24.6	21.6	17.9	15.0	12.6	13.1	15.0	16.8	17.0	15.4	13.4	13.0	19.2	25.4	27.9	28.4	27.6	26.0	22.1	17.7	14.2
Fulton	Red	28	10.9	11.6	12.0	11.3	11.4	11.4	11.1	10.4	10.0	9.8	10.0	10.7	10.6	10.4	10.3	10.3	10.3	10.7	10.4	11.3	14.3	14.9	14.7	14.5	16.5	16.4	15.3	14.2	12.8	11.6	
Springbank	...do	37	19.7	18.9	18.2	17.8	17.6	17.4	17.2	17.0	16.6	16.0	15.5	15.7	15.7	15.0	16.0	15.8	15.6	15.4	15.3	15.3	15.5	16.5	18.0	18.2	18.2	19.7	19.6	19.0	18.0	17.0	
Whitecliffs	Little	28	3.6	3.0	2.4	3.4	5.0	4.2	3.4	2.8	2.5	2.2	2.9	1.8	1.6	1.5	1.6	1.4	5.1	4.5	3.5	2.7	6.3	8.0	9.8	8.7	7.2	6.0	5.3	4.6	3.4	2.1	
Marked Tree	St. Francis	17	18.1	18.1	18.1	18.0	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.4	17.4	17.3	17.3	17.2	17.1	17.0	16.9	16.9	16.9	16.9	16.9	16.9	16.8	16.8	16.7	16.6	16.5	16.4	
Helena	Mississippi	44	41.1	41.5	41.8	42.2	42.6	43.1	43.6	44.0	44.8	45.3	45.7	46.3	46.8	47.4	47.8	48.0	48.0	48.0	47.8	47.5	47.1	46.6	46.0	45.2	44.4	43.6	42.8	42.0	41.3	40.7	

Daily Precipitation for June, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		.31		.21	.01		.94							1.34						.20	1.09											4.10
Arkadelphia	Ouachita		1.04		.08	.90									.50	1.32						3.20											7.04
Arkansas City	Mississippi													1.27	.69				.10	.32	1.06	1.75	.10										7.30
Arlberg	White		1.52	.58									.02		.05	.02			T.	.04	1.00	2.02	T.										4.41
Batesville	White	.16	.52	.36	.12		.08	.02						.10	T.	.33		T.	.12	.87	.95	3.95											7.76
Bee Branch	Arkansas	.42	.63	.05			.34										T.	.23	1.45	.51	1.84										.12		7.47
Bentonville ***	Arkansas	.97	1.58	.31		.42	.01					.01	.02	T.					.40	.21	.75	1.25	T.											7.01
Black Rock	White	.56	.25	2.50	.03			T.				.01		1.05																			10.39
Blytheville	Mississippi	2.45	.42	.24	.18		.15	.30						.08	.58	.04			3.25		2.35	.55									.28		6.20
Booneville	Arkansas	1.61	1.05		.14	.85							T.	.13	1.09			.05	.01	T.	.99												5.26
Brinkley	White		.89				.66								1.11	1.31					.61	.68											4.52
Calico Rock	White	.32	.63	.59	.07		.03								.66					.27	.55	1.40											4.41
Camden	Ouachita					.54									1.42	.82						1.41		.22									4.44
Center Point	Red				1.63	.03								.69	1.10	.39				T.	.72	3.05									.30		7.62
Clarendon	White		1.26		09		.58	.11							.31	.87					.85	1.67											5.74
Clinton	White	.13	.39	.53	.03	.13								.89	.05					.75	1.24	.74											4.88
Cold Springs	Arkansas	2.00		.40		1.90								.30	1.50					.20	1.70												8.00
Conway	Arkansas	.95	1.26		.15		1.01							.12	.78	.32		.06		.26	.27	2.11											7.29
Corning	White	1.69	.22	.61											.69				2.15		.31	2.37	.05										8.09
Dam No. 1	White	.87				.30								.15	.72					1.55	3.18												6.77
Danville	Arkansas	1.40	1.74		T.		6.22								.28	.73		T.				1.90											12.27
Dardanelle	Arkansas	.80	2.10		.18		.66								.54	.67		.03	.03		.11	2.20											7.32
Dumas	Mississippi	1.85			1.21		.90			T.				1.40	.60		.05	T.		.09	.54		1.53										8.17
Dutton	White	.57	.68	1.35	.13	.11	T								.50	T.	.02		.11	.49		1.67	.16								T.		6.79
El Dorado	Ouachita		T.			1.36	.54								.27	.20			.04			.02	1.75		.55						.24		4.97
England	Arkansas	2.35	1.69		.10	.06	1.18					.03	.45	.04	.91					.17	.41	.57								.28			8.27
Eureka Springs	White	.72	1.02	.20	.05	.04	.33						.03						.35	.96	.90	.78	.22											5.60
Fayetteville	White	.48	1.48	1.38	.11	.32	2.61							T.	.04				.31	.93	.54	.73										T.		8.93
Fort Smith ***	Arkansas	.90	.13	.11		.12							T.	.40	.64			T.	.14	.16	.52										.03		3.15
Freeman Sprgs.	Arkansas	.53	1.02	1.57	.05		.55					.02		T.	.63	.02			.04	.10	.48	.91												5.95
Fulton	Red					.58									1.60	.73						1.88		T									4.19
Georgetown	White	.11	1.46		.05		.24								.05	.78					2.09	.82											5.60
Gilbert	White	T.	.74	1.36	.01										.26					1.05	.15	.60									T.		4.17
Gravette	Arkansas	.98	1.90	.31	.08		.47						.57		.01		T.	.40	1.21	.68	1.61	.01											8.23
Harrison	White	.26	1.62	.10	.15		.23						.14					.11	.25	.73		.29											3.89
Helena	Mississippi		1.18		.64	.04	.50	.48			.06				.30	.32					.68	.56		.04									4.20
Higden	White	.08	1.61	T.			.32				09			.11	.38					.83	.07	1.91									.05		5.45
Hope	Red				.50	.10								.83	.58						.55	T.									.72		3.08
Hot Springs	Ouachita	1.29	3.41		.29	.01	1.81							.34	.74	.11				.36	.85	2.27									.09		14.57
Huttig	Ouachita						.82								.57		.07				.16	.78		.30									2.70
Index	Red					.50									1.13	.24					.04	.97											2.88
Jessieville	Ouachita	1.00		.30		2.30									1.56					.10	2.50												7.70
Jonesboro	White	1.06	.75	.77	.03		.42								.54	.09					1.53	1.80											6.99
Little Rock ***	Arkansas	1.44	.71		.09	.22	.48						T.	.24	.52					.07	1.62	.25									.07		5.71
Lurton	White		.28	1.25	.54	.31	.49	.61						1.23	.01					.21	1.32	.61	.01								.02		7.36
Lutherville	Arkansas	2.23	1.26	.71	.19	.38	.55							.45	.47			.31	.15	.29	.97	.31											8.27
Magnolia	Red				.11	.67								.12	.74					.37	1.39	.86									.60		4.86
Malvern	Ouachita		3.29		.14	.25	1.90								.25	.85					.08	2.70											9.46
Mammoth Spg.	White	1.50	.88	.58			.06							1.42				.74	.12	.52	.62	.52											6.96
Marianna	Mississippi	.21	.51				.41			.02					.53	.53					1.15	.14	.19								.01		3.69
Marked Tree	Mississippi	1.35	.58	.15			.56	.16						.21	.16	.48					.36	.63											4.65
Marshall	White	.11	2.62	.26	.04		.46							.60	T.						1.00												6.09
Mena	Ouachita		.93		.38										.73	1.18		T.		50	.50	T.	1.00										5.50
Mountain Home	White	1.50	1.90				.12							.60				.12	.20	2.28	1.85									T.	T.		8.57
Morrilton	Arkansas	2.20	1.80				.82						.53		.47						2.35	1.45											9.62
Mount Ida	Ouachita	.13	1.21		.15		1.45							.23	1.83						1.10	1.08											7.18
Newport	White	.18	.26	.19			.08	.05							.34	.10					.87	3.25											5.32
Oden	Ouachita		.44		.23	.09	.12							.53	1.87	.07				.04	.87	1.16									.02		5.44
Osceola	Mississippi		.20	.36			T.							.04	.70	.22				.71	1.05	.30											3.58
Ozark	Arkansas	2.90	1.81		.52	.36									.95		.29	1.45	.25	.07	1.00	.05											10.19
Paragould	Mississippi	2.92	.13	.25	1.18		.22	.02							1.02			.08	.94		.98	1.51											9.25
Patterson	White	.98	.46				.32								.98	.56				1.30	.40	1.25											5.35
Pindall	White	.14	1.51	.20	.07		.27					.03	.17					.07	.32	.56	.24										.06		3.64
Pine Bluff	Arkansas		4.63		.17	.39	1.70	T.							.50	.97					.02	1.10									.64		10.18
Pocahontas	White	1.75	1.02	.56			.08					.86	.16					.72		.70	.14	.91											6.90
Portland	Ouachita		.01				.36	.06						T.	.61	.47						.58											3.08
Prescott	Ouachita				2.91	.16									.78	.82						4.00										1.25		9.40
Princeton	Ouachita		1.35			2.21									.61	.64					1.80	2.95											9.05
Rison	Ouachita		2.10		.75	1.30	2.30							T.	.06			.06	1.12	.90	.94												9.50
Rogers	Arkansas	.39	1.60	.36	.19	.06	.65								.40						4.10	2.60									T.		6.38
Searcy	White		1.20	.05	.06		.18								.25	.27	T.				2.00	.95	T.	T.									8.59
Springbank	Red						.62	.06							.35	.94	.82			.06	.49													4.15
Story	Ouachita	1.23			.24	3.36								.23	.66					.43	2.05												7.49
Stuttgart	Arkansas	1.56		.26	.07	.50									.67	.10					.59	.31										.02		5.76
Subiaco	Arkansas	1.15	.85		.27	.22	.25						.40	.58	.68	.20	T.	.05	.10	.10	.59	.31												5.77
Texarkana	Red					.50	.18								1.67	.10					1.09	1.77										.08		5.31
Thornburg	Arkansas	1.10	2.17		.45	.04	.78						T.	.12	1.32	.08					.39	3.45										.41		9.98
Waldron	Arkansas	.91			.23	2.71								.43	1.67				.07	.42		1.26											8.11
Warren	Ouachita			.75	1.05	.35								1.40	1.10	T.					1.00											T.		5.65
Waters	Ouahita		.45		.28									.95	2.82						.20	1.40												6.10
Whitecliffs	Red					1.72									.78	.82						3.78												7.10
Wilson	Mississippi	.18	.36	.41		.33	.31					T.		.42	.55			.23	.03	.31	.36													3.49
Wynne	Mississippi		51	T.	T.		.56	.07						T.	.34	.67					.49	.37												3.01
Yancopin	Arkansas		2.43		.30	.40	1.30	.03						T.	1.17	.71		.05			.06	.08	T.	71										7.24

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.

* Precipitation included in the next following measurement.

Daily Temperatures for June, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	89	87	89	91	88	84	82	90	94	97	98	101	92	80	80	76	85	100	90	91	87	97	95	98	104	104	103	96	99	102		92.3
	Minimum	70	67	73	66	64	60	57	60	58	60	62	68	73	65	66	63	67	67	73	70	65	70	68	66	70	70	70	64	72	72		66.5
Batesville§§	Maximum	79	82	85	83	78	69	80	83	86	93	92	91	85	70	77	79	85	83	82	85	86	86	85	87	92	88	84	91	92	94		84.4
	Minimum	67	67	68	69	64	59	53	57	55	64	68	68	70	60	59	53	60	60	65	65	67	68	68	59	64	74	58	58	65	68		63.3
Bentonville	Maximum	76	83	83	78	74	74	80	83	82	89	89	88	78	65	74	72	77	87	77	82	79	80	82	86	91	87	85	88	88	87		81.5
	Minimum	64	64	65	62	60	59	56	60	60	67	69	69	63	58	53	60	63	62	65	66	62	60	58	60	71	70	65	58	71	68		62.9
Bee Branch	Maximum	86	84	85	86	79	74	80	81	87	91	93	92	90	79	75	75	85	89	88	86	85	87	88	88	94	95	90	90	92	92		86.2
	Minimum	69	65	72	66	64	58	53	57	57	65	68	69	70	60	57	57	63	62	65	68	65	64	62	62	65	77	62	63	69	70		64.1
Blytheville	Maximum	81	84	89	86	82	74	80	85	89	92	94	93	88	80	80	81	82	85	79	86	86	88	88	90	95	88	88	96	98	99		86.9
	Minimum	65	69	73	70	66	59	54	58	61	68	72	71	71	59	61	59	65	64	67	67	71	71	67	63	67	67	62	64	72	75		65.9
Booneville	Maximum	84	87	86	85	80	73	80	82	86	92	94	91	85	78	75	77	86	93	89	88	86	87	86	89	94	97	88	92	92	89		86.2
	Minimum	66	66	73	63	64	64	56	59	58	66	68	71	68	53	60	59	66	65	70	69	65	63	61	63	68	72	71	64	73	71		65.2
Brinkley	Maximum	86	88	90	87	82	76	78	84	88	91	92	93	88	74	77	79	87	89	87	85	86	87	87	92	94	92	86	93	94	95		86.9
	Minimum	69	68	75	70	67	60	55	57	59	69	69	70	70	62	61	58	63	65	65	72	70	71	68	62	68	78	62	65	70	72		66.3
Calico Rock§§	Maximum	84	83	86	80	78	71	84	85	88	91	97	97	87	70	78	88	89	86	80	87	90	89	88	90	98	89	86	92	95	94		86.7
	Minimum	67	67	67	68	63	61	54	56	57	60	61	69	71	60	60	56	60	59	62	65	68	63	61	61	62	74	59	58	66	69		62.8
Camden§§	Maximum	91	92	92	87	83	70	80	84	90	92	93	91	87	78	73	79	87	92	90	90	81	88	88	89	91	96	87	90	93	91		87.2
	Minimum	72	70	71	74	64	66	60	60	67	66	68	69	73	69	63	62	66	68	73	70	66	67	69	67	69	72	67	65	70	72		67.8
Center Point	Maximum	92	92	91	84	79	76	81	83	90	96	95	91	84	82	73	80	88	93	94	90	84	89	87	89	93	98	91	89	92	90		87.9
	Minimum	74	68	71	65	63	64	57	60	64	70	71	73	70	66	61	62	68	71	72	70	65	69	68	68	72	72	71	68	72	71		67.9
Conway	Maximum	87	88	89	87	81	75	80	82	89	94	94	93	88	77	76	77	87	88	89	89	87	87	88	90	96	94	87	93	94	95		87.4
	Minimum	68	67	74	68	68	60	55	60	60	68	71	72	74	63	59	61	65	65	68	71	67	70	66	65	68	71	64	64	72	74		66.6
Corning	Maximum	78	77	84	85	82	69	76	83	86	90	95	93	85	70	70	80	82	81	79	85	84	85	86	89	93	90	85	93	94	96		84.2
	Minimum	65	67	67	71	66	59	53	63	61	69	61	71	68	58	57	55	64	64	68	68	68	66	66	63	69	70	69	61	72	72		65.0
Dardanelle	Maximum	89	88	90	87	78	75	80	82	88	94	94	92	86	82	77	78	88	88	91	91	88	87	87	91	96	93	89	91	95	93		87.6
	Minimum	67	67	74	66	67	63	58	61	61	69	72	73	74	68	61	61	65	66	68	70	66	67	64	65	72	75	68	65	73	73		67.3
Dumas	Maximum	84	92	92	91	88	76	80	85	89	94	95	96	92	80	75	81	91	95	90	90	86	91	87	92	95	94	88	94	97	96		89 2
	Minimum	72	66	72	70	66	65	61	61	63	71	71	71	73	70	60	60	68	72	70	70	69	69	68	70	70	75	67	67	73	76		68.5
Dutton	Maximum	76	80	80	79	77	72	79	..	.	88	88	86	79	69	74	69	79	85	76	77	82	81	81	83	89	92	85	85	86	86		80.8
	Minimum	61	61	62	57	56	56	49	..	..	78	60	61	64	59	55	43	57	55	63	64	59	51	51	52	61	65	58	54	65	63		58.6
El Dorado	Maximum	92	93	94	87	83	79	80	86	88	93	93	94	92	78	75	79	89	94	95	89	78	90	88	90	94	97	89	93	94	94		88.7
	Minimum	75	72	74	76	65	67	63	62	64	71	71	73	72	69	64	64	68	73	74	72	67	69	72	70	73	75	68	69	73	75		70.0
England	Maximum	86	90	91	88	84	75	79	83	88	91	94	92	90	73	78	79	87	92	86	86	85	88	87	..	94	92	90	93	94	95		87.2
	Minimum	68	67	73	70	65	61	56	58	60	70	71	70	65	61	58	65	70	68	65	69	68	70	67	70	68	..	65	75	62	70	72	66.7
Eureka Springs	Maximum	81	82	82	82	77	75	76	84	82	89	90	89	81	71	77	73	77	86	82	82	79	81	84	85	90	89	87	89	88	88		82.6
	Minimum	63	64	65	61	65	70	74	59	60	69	67	69	68	56	54	57	61	59	63	65	63	61	60	59	71	71	62	58	71	69		63.8
Fayetteville	Maximum	82	84	83	81	78	75	80	83	82	91	89	90	85	74	76	73	80	87	86	86	81	81	85	84	90	90	89	89	90	89		83.8
	Minimum	62	63	64	60	62	58	56	58	57	67	68	69	68	57	58	61	64	62	65	64	62	57	57	58	70	74	64	57	57	67		62.2
Fort Smith	Maximum	80	91	87	87	81	74	80	82	88	93	94	93	81	72	76	75	84	92	88	88	83	85	85	91	93	98	87	91	92	91		86.1
	Minimum	65	65	68	66	68	65	61	62	63	69	73	74	68	61	61	64	67	65	69	66	66	64	64	66	71	75	71	66	76	74		67.1
Gravette	Maximum	81	84	84	82	78	74	81	83	81	89	90	90	75	71	74	72	76	88	85	81	78	78	83	85	91	90	86	87	87	87		82.4
	Minimum	62	62	63	60	60	60	54	58	60	65	65	71	61	56	53	61	62	64	64	64	62	55	55	59	70	70	72	59	71	67		62.2
Harrison	Maximum	82	84	84	83	70	72	82	86	87	92	96	94	81	76	78	87	84	90	78	85	88	83	86	90	95	92	88	92	94	92		85.7
	Minimum	66	62	65	61	59	54	52	55	55	62	65	65	65	56	55	52	60	57	56	64	63	56	56	55	64	73	58	55	68	65		60.0
Helena	Maximum	86	91	94	93	85	80	80	87	88	94	94	97	91	73	80	82	89	90	90	89	89	90	91	93	99	100	89	99	98	100		90.0
	Minimum	73	68	75	70	70	63	60	59	63	70	71	70	71	65	62	60	65	68	70	72	72	71	70	65	67	77	68	70	72	72		68.3
Hope	Maximum	93	94	94	90	86	78	80	83	94	94	96	95	93	89	73	83	92	96	93	93	83	91	89	93	95	99	87	92	98	94		90.3
	Minimum	73	70	71	65	65	65	58	58	58	58	71	72	71	67	62	60	65	69	73	70	66	67	69	67	70	72	71	71	72	72		67.3
Hot Springs	Maximum	88	89	89	88	82	73	82	85	89	92	94	92	87	74	76	78	87	94	86	89	84	87	88	90	93	93	89	93	94	88		87.1
	Minimum	65	66	71	66	63	62	55	58	59	69	69	70	72	62	62	58	64	67	69	68	65	67	65	64	68	74	68	64	70	71		65.7
Huttig	Maximum	94	96	95	94	92	85	..	91	89	95	95	94	93	90	91	87	90	100	..	85	83	87	89	91	94	99	98	98	95	96		92.4
	Minimum	73	72	73	75	75	66	..	63	65	71	72	71	72	69	64	64	71	85	..	70	68	71	70	69	69	68	71	71	72	74		70.5
Jonesboro	Maximum	81	84	86	84	77	72	73	81	88	90	94	94	90	75	75	79	85	85	78	85	85	89	86	89	93	85	82	93	95	95		84.9
	Minimum	64	67	65	72	66	58	54	58	60	70	73	72	73	59	64	58	64	63	66	67	69	70	72	67	70	75	63	62	71	72		66 1
Little Rock	Maximum	81	87	88	85	80	69	78	81	86	89	91	92	85	72	75	76	84	91	84	86	81	85	85	88	92	90	86	92	91	91		84.7
	Minimum	67	67	74	67	64	60	57	63	64	70	72	74	72	63	59	60	66	70	67	71	67	70	70	68	70	74	67	68	74	73		67.6
Lurton	Maximum	74	77	80	76	73	67	75	77	78	86	85	84	78	64	70	69	79	83	78	79	80	79	..	..	85	84	81	83	84	83		78.2
	Minimum	62	61	61	54	59	52	52	58	58	63	67	68	64	55	54	55	60	60	61	63	60	59	..	..	65	67	60	62	67	68		60.5
Lutherville	Maximum	80	83	84	83	79	73	79	81	83	88	90	88	82	72	75	73	82	86	84	85	81	83	84	85	90	90	84	90	90	89		83 2
	Minimum	65	65	69	65	65	60	54	59	59	65	71	71	68	60	58	60	63	63	65	66	63	63	63	63	67	75	67	63	73	71		64.6
Magnolia	Maximum	90	..	..	91	81	77	78	83	88	92	94	93	89	80	..	80	91	97	95	90	..	89	88	91	91	94	88	91	93	91		88.7
	Minimum	80	..	..	70	59	66	60	61	64	72	74	73	74	66	62	62	69	71	74	72	.	68	78	69	72	73	69	71	72	72		69.2
Malvern	Maximum	90	91	91	91	84	73	82	85	89	93	95	92	89	74	77	80	87	95	91	91	83	91	91	91	94	95	90	92	95	92		88.5
	Minimum	71	67	72	67	64	63	56	58	58	68	68	76	72	64	61	59	66	69	71	70	66	70	68	65	68	72	64	67	70	73		66.8
Mammoth Spg	Maximum	..	..	..	..	..	72	78	83	87	92	92	92	83	73	72	76	86	87	84	84	82	89	89	87	96	90	83	90	91	92		85.2
	Minimum	64	65	67	67	59	60	51	56	54	65	67	67	70	57	54	53	60	59	65	66	65	61	58	58	62	67	56	56	66	67		61.4
Marianna	Maximum	86	87	87	87	83	82	79	83	86	90	92	91	91	79	76	79	86	85	85	86	85	87	88	90	94	95	95	93	92	99		87.3
	Minimum	70	68	76	72	68	62	61	63	67	70	70	73	73	63	63	66	66	70	69	68	70	74	73	69	69	71	70	73	74	76		69 2
Marked Tree§§	Maximum	83	84	81	78	66	75	79	87	87	94	92	85	67	75	75	80	84	79	85	82	81	87	89	94	84	80	90	93	94	93		83.4
	Minimum	67	70	73	69	59	57	61	64	68	73	74	74	59	59	62	63	66	68	68	72	71	69	66	69	74	64	67	70	75	75		67.5
Marshall	Maximum	84	84	82	80	85	76	78	81	83	90	92	89	88	80	74	74	85	87	82	88	86	85	82	86	92	91	83	90	91	90		84.5
	Minimum	65	70	67	63	65	53	52	57	58	69	68	68	70	58	59	54	62	58	63	68	64	60	59	59	70	74	59	58	72	68		63.0
Mena	Maximum	89	87	86	83	79	73	80	82	88	92	93	92	87	72	69	77	86	92	88	87	83	83	84	89	92	96	88	89	92	88		85.5
	Minimum	72	66	72	62	62	62	55	57	55	67	68	68	69	62	59	62	63	70	71	68	65	62	60	65	65	70	69	64	71	69		64 9
Morrillton	Maximum	86	87	88	88	80	76	80	82	87	94	93	90	91	79	76	77	87	91	91	90	86	88	88	88	94	92	91	92	92	92		87.2
	Minimum	68	67	75	68	69	60	56	62	62	69	72	73	74	63	60	60	66	66	70	70	66	71	69	66	70	78	65	65	73	71		67.5
Mountain Home	Maximum	80	88	85	82	79	73	82	87	87	92	96	95	84	70	79	79	84	87	81	85	86	86	85	89	95	96	88	95	94	93		85.9
	Minimum	66	65	65	66	69	56	53	57	57	65	70	68	67	57	55	55	61	60	64	68	60	61	61	59	64	71	66	59	59	66		62.1
Mount Ida	Maximum	88	88	89	87	82	72	75	84	87	93	94	92	84	77	75	78	86	93	90	80	85	89	87	89	93	97	87	90	92	90		86.4
	Minimum	68	66	72	63	62	57	55	55	53	60	70	77	74	62	60	58	63	64	69	69	65	65	62	60	65	69	65	58	71	68		64.2
Newport	Maximum	82	88	90	82	84	75	78	85	92	95	97	89	92	79	82	79	88	87	85	84	89	93	92	93	97	95	91	95	99	93		88.3
	Minimum	68	68	73	70	67	59	55	60	61	70	72	73	74	62	60	58	65	63	66	70	67	70	67	66	70	72	63	67	72	74		66.7
Osceola	Maximum	81	79	82	87	85	83	66	78	83	85	92	92	93	89	68	79	82	83	80	81	87	85	85	87	89	90	95	85	92	94		84.7
	Minimum	69	67	71	68	72	64	60	56	60	64	68	74	70	73	58	60	63	65	64	66	68	72	71	68	67	67	65	63	68	74		66.5
Pine Bluff	Maximum	87	91	92	90	83	77	79	86	91	93	95	94	86	72	78	79	86	95	89	90	81	90	92	93	95	97	93	96	98	92		88.7
	Minimum	69	67	62	67	66	64	61	62	64	72	73	73	71	66	62	61	61	71	74	71	67	70	71	69	71	77	67	70	74	75		68.3
Pocahontas	Maximum	82	82	85	85	82	75	80	85	87	93	95	95	91	77	81	80	83	83	81	83	88	88	88	89	95	95	89	92	95	98		86.7
	Minimum	65	67	68	70	64	65	53	60	59	70	70	72	70	58	57	56	62	63	68	69	68	68	65	62	66	73	61	61	70	72		65.1
Portland	Maximum	94	97	96	92	97	84	80	85	93	96	97	98	95	87	75	85	90	96	97	93	87	90	84	92	97	99	89	97	100	98		92 0
	Minimum	72	70	72	75	67	68	64	63	65	70	71	71	72	69	65	60	70	69	74	69	69	72	70	70	70	74	67	70	73	74		69.5
Prescott	Maximum	92	93	93	88	84	76	80	84	90	92	94	92	93	81	73	81	87	94	93	91	83	89	88	91	95	98	94	92	96	90		88.9
	Minimum	74	69	70	73	69	64	57	60	60	66	74	71	71	67	62	63	68	70	74	67	66	68	68	67	69	71	69	64	70	74		67.8
Rison	Maximum	93	95	95	93	88	83	79	83	92	93	99	96	91	76	78	81	91	96	92	90	87	89	89	90	93	94	95	93	95	93		90.1
	Minimum	72	67	72	68	64	63	61	60	61	71	71	71	70	67	62	59	66	69	71	70	67	69	69	69	70	73	65	67	72	74		67.7
Rogers	Maximum	78	83	82	81	75	76	82	85	83	90	90	89	80	70	76	70	78	88	82	80	80	81	84	86	91	89	87	89	86	89		82.7
	Minimum	62	66	64	61	60	58	53	65	55	69	65	66	68	57	56	55	62	68	64	65	63	55	55	56	68	72	63	57	70	65		62.1
Searcy	Maximum	83	87	88	86	84	75	81	83	88	91	94	92	88	74	78	79	87	86	86	83	86	88	89	90	94	93	86	90	93	94		86 5
	Minimum	73	67	74	68	67	60	55	58	58	67	69	70	71	62	59	59	63	63	62	68	67	70	66	64	65	77	63	63	70	73		65.7
Stuttgart	Maximum	82	88	90	86	82	76	76	83	89	91	94	92	88	77	76	77	84	87	87	86	84	87	87	90	93	90	85	90	95	94		86.4
	Minimum	66	74	67	66	63	57	57	62	70	70	72	70	71	64	60	60	66	69	66	70	68	70	70	66	71	75	64	67	72	73		67.2
Subiaco	Maximum	84	88	89	84	81	72	80	82	87	91	93	90	84	76	76	77	85	85	89	90	84	86	85	90	94	95	87	91	93	93		86.0
	Minimum	64	67	70	64	61	62	56	59	61	66	70	71	69	62	62	69	64	65	67	69	65	64	62	64	68	75	68	62	74	72		65.7
Texarkana	Maximum	93	95	95	94	88	78	83	84	87	96	97	97	93	87	75	85	90	96	97	91	82	92	94	94	95	101	95	94	95	90		91.1
	Minimum	73	70	75	73	62	65	58	58	59	60	70	72	73	67	62	61	65	69	72	67	65	65	72	71	71	71	70	70	66	71		67.4
Thornburg	Maximum	82	84	87	82	79	..	78	80	82	91	90	87	84	72	75	74	85	88	88	87	84	84	86	85	92	90	85	88	90	89		84.4
	Minimum	65	69	72	64	61	..	58	52	50	66	64	66	71	60	57	52	63	60	64	66	64	64	60	57	66	70	58	56	71	67		62 5
Warren	Maximum	93	93	97	93	83	79	78	86	88	93	94	95	92	84	73	80	88	95	95	90	81	90	87	93	95	95	93	93	95	95		89.5
	Minimum	84	70	70	64	65	60	61	62	70	62	71	74	70	62	59	68	72	74	69	67	68	71	71	71	75	66	67	73	74	76		84.7
Wilson	Maximum	79	83	86	83	83	75	76	80	84	89	91	90	88	78	78	79	85	83	79	85	85	85	86	86	87	93	88	83	91	93	95	86.2
	Minimum	65	69	72	72	65	59	53	56	65	74	72	71	73	59	58	59	63	63	68	68	73	71	67	62	68	71	60	65	73	73		66.2
Wynne	Maximum	83	89	91	87	83	77	80	83	86	91	94	94	87	77	76	79	84	85	86	86	86	89	89	92	94	90	87	93	97	96		87.0
	Minimum	71	69	69	71	68	59	54	57	61	70	70	72	71	61	61	60	64	63	66	63	71	71	67	63	69	76	60	67	72	73		66.3

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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SEP 9 1927
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., JULY, 1927 No. 7

GENERAL SUMMARY

The weather in Arkansas during July was marked by temperatures slightly below normal and precipitation slightly above. The month opened with near seasonal temperatures prevailing and no unusual extremes occurred, daily means ranging from about 5° above to 9° below normal. This was the coolest July since 1918 when the temperature was the same as this month, but the highest, 104°, is unusually low for the July extreme, while the lowest, 49°, is practically normal.

There was but little rain during the first two weeks of the month, but beginning with the 14th showers were frequent and the latter half of the month was too wet. Cotton fields were cleaned the first of the month but the showers caused too rank a growth in some localities, however the close of the month found the crop blooming in all sections of the State and generally in good condition. No serious damage from weevil or worms occurred. Corn made good progress, especially in the hills, early corn being matured in many places, but in the lowlands the soil was too wet and progress and condition were unsatisfactory. All minor crops made satisfactory progress except where too wet. The lower Arkansas was above flood stage the first 8 days of the month. W.C.H.

TEMPERATURE

The mean temperature for July, as determined from the records of 56 stations, was 79.6° which is 0.4° below normal. Positive departures occurred at 7 southern stations, at five scattered stations north of the Arkansas River, while at other stations temperatures were normal or below. The highest monthly mean was 83.6° at Huttig, the lowest, 72.8° at Dutton. The highest temperature recorded during the month was 104° at Amity on the 11th. The lowest was 49° at Dutton on the 4th and Booneville on the 9th. The greatest daily range was 44° at Booneville on the 9th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 83 stations, was 4.25 inches which is 0.43 inch above normal. The greatest monthly total was 8.63 inches at Pindall, the least, 0.58 inch at Magnolia. The greatest amount for any 24 hour period was 4.90 inches at Harrison on the 30th. The average number of rainy days was 6.

Corrections June, 1927

Lutherville:--Mean temperature should be 73.9°, departure –1.9 .
Camden: -----Date highest temperature should be 26th.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 11; 2d, 11; 5th, 1; 6th. 3; 7th, 18; 8th. 4; 10th, 14; 11th, 3; 12th, 1; 13th, 11; 14th, 26; 15th, 32;16th, 14; 17th, 15; 18th, 14; 19th, 3; 20th, 16; 21st, 30; 22d, 29; 23d, 3; 24th, 1; 26th, 14; 27th, 17; 28th, 5; 29th, 18; 30th, 21; 31st, 5.
DENSE FOG:------4th, 1; 19th, 1; 31st, 1.
SOLAR HALOS:---1st, 1; 11th, 1; 14th, 1; 15th, 1; 18th 1; 19th, 1; 20th, 1.
LUNAR HALOS:---7th, 1; 12th, 1.

Hail Damage July, 1927

Place	Date	Time	Character	Width Path	Damage
Corning	26	6.20p.	Heavy Hail		From Success, a small town just northwest of Corning, northward to the Missouri line). Hail size of beans to eggs, $15.000.
Portland	27		Moderate Hail		Slight damage
Helena	27	1.00to 2.00p.	Moderate Hail		Slight damage

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	30.02	30.24	4	29.84	30	2,817	14	se.	12	.....	.....	72
Fort Smith.	30.00	30.19	4	29.82	30	4,252	44	nw.	18	81	58	80
Little Rock.	30.02	30.21	4	29.83	14	5,590	33	sw.	14	80	56	77
Memphis.	30.01	30.19	4	29.82	31	5,188	34	w.	30	73	55	84

COMPARATIVE DATA FOR JULY

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**80.0**		**116**		**40**		**3.82**		**15**	**11**	**5**	**8**
1891	76.5	−3.5	103	22	50	9	7.24	+3.42	13	8	10	10
1892	79.0	−1.0	104	19	52	4	3.58	−0.24	10	11	10	10
1893	80.9	+0.9	103	28	59	19	2.94	−0.88	17	11	3	6
1894	78.4	−1.6	108	1	51	24	3.98	+0.16	17	9	5	6
1895	78.9	−1.1	104	19	55	9	7.34	+3.52	12	10	9	12
1896	83.4	+3.4	110	31	52	9	1.61	−2.21	16	11	4	4
1897	82.4	+2.4	109	30	50	13	3.25	−0.57	16	11	4	5
1898	79.9	−0.1	105	22	50	11	4.25	+0.43	12	13	6	8
1899	79.0	−1.0	100	16	52	10	5.14	+1.32	15	11	5	8
1900	79.7	−0.3	102	3	51	28	4.46	+0.64	10	15	6	9
1901	83.7	+3.7	116	12	50	10	2.49	−1.33	15	13	3	6
1902	79.4	−0.6	105	16	50	21	4.49	+0.67	14	12	5	6
1903	79.6	−0.4	105	9	53	13	3.86	+0.04	13	12	6	9
1904	77.9	−2.1	104	20	49	24	4.43	+0.61	13	13	5	10
1905	76.7	−3.3	106	14	51	4	7.60	+3.78	10	13	8	13
1906	76.7	−3.3	99	22	48	3	5.96	+2.14	13	9	9	10
1907	81.4	+1.4	108	23	53	4	1.96	−1.86	21	8	2	4
1908	79.2	−0.8	103	16	48	4	3.00	−0.82	15	12	4	8
1909	81.9	+1.9	106	31	50	21	2.51	−1.31	19	9	3	5
1910	79.4	−0.6	105	29	41	18	5.46	+1.64	15	12	4	10
1911	78.4	−1.6	106	3	43	25	4.83	+0.01	9	14	8	11
1912	81.3	+1.3	104	25	56	1	2.82	−1.00	15	13	3	6
1913	81.5	+1.5	104	6	55	21	4.31	+0.49	13	14	4	8
1914	82.6	+2.6	107	14	54	31	2.69	−1.13	11	15	5	7
1915	77.1	−2.9	107	30	43	5	2.40	−1.42	20	7	4	5
1916	82.8	+2.8	106	19	55	9	2.09	−1.73	19	9	3	6
1917	79.6	−0.4	106	1	50	4	5.10	+1.28	15	9	7	8
1918	79.6	−0.4	111	25	49	1	1.53	−2.29	19	7	5	4
1919	81.2	+1.2	104	11	54	18	1.91	−1.91	19	8	4	5
1920	79.8	−0.2	105	24	52	9	4.22	+0.40	15	10	6	7
1921	82.0	+2.0	107	4	54	23	2.42	−1.40	19	8	4	6
1922	80.2	+0.2	106	31	48	5	4.12	+0.30	14	11	6	7
1923	79.9	−0.1	105	24	48	1	3.53	−0.29	16	9	6	6
1924	79.0	−1.0	110	23	40	1	2.35	−1.47	18	8	5	5
1925	81.8	+1.8	109	16	47	3	4.99	+1.17	11	11	9	10
1926	79.8	−0.2	109	4	42	15	3.55	−0.27	17	9	5	8
1927	79.6	−0.4	104	11	49	4	2.25	+0.43	17	9	5	6

Climatological Data for July, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	82.6	+2.5	104	11	60	4	36	1.33	−2.63	0.63	0.0	5	13	16	2	s.	G. C. Thrash
Arkadelphia	Clark	250	31								5.27	+1.52	2.30	0.0	6	26	2	3	s.	F. J. Carpenter
Arkansas City	Desha	145	40								1.97	−1.89	0.60	0.0	4	27	1	3		Carl R. Cutting
Arlberg	Stone	700	5								7.34		3.25	0.0	8	16	12	3		J. D. Reeves
Batesville	Independence	277	28	77.6	−2.2	98	11	57	5†	35	7.70	+4.43	2.86	0.0	12	17	4	10	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	35	79.2	−0.8	97	11†	57	24	34	4.03	+0.32	1.50	0.0	8	7	20	4	w.	J. E. Scanlan.
Bentonville	Benton	1303	22	75.6	−2.9	94	10	56	24	34	6.47	+2.16	3.44	0.0	7	19	7	5	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								4.31	−0.42	1.38	0.0	7	19	2	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	2	80.4[a]		100[a]	11	59[a]	24	36[a]	3.82		1.67	0.0	5	20[a]	6[a]	4[a]	s.	J. M. Brooks
Booneville	Logan	465	13	79.8	−1.3	101	7	49	9	44	4.17	+1.16	1.90	0.0	6	18	6	7	w.	F. H. Randolph
Brinkley	Monroe	205	40	79.8	−1.0	99	11	56	6	37	1.32	−2.77	0.72	0.0	3	17	11	3	sw.	R. J. Torry
Calico Rock	Izard	361	23	78.8	−0.7	101	10†	57	3†	40	7.47	+4.03	2.40	0.0	12	13	12	6	sw.	W. J. Copp
Camden	Ouachita	158	42	79.6	−1.4	97	17†	60	25	29	2.63	−1.28	0.78	0.0	8	12	11	8	sw.	A. B. Quarterman
Center Point	Howard	470	28	81.3	−0.5	99	17	64	25	28	1.36	−2.74	0.42	0.0	7	17	9	5	sw.	John C. Floyd
Clarendon	Monroe	200	23								2.33	−1.01	0.94	0.0	6	14	11	6	sw.	J. W. Bishop
Clinton	Van Buren	516	6								3.43		1.87	0.0	4	7[c]	20[c]	1[c]	w.	A. L. Stephens
Cold Springs	Scott	1250	1								2.46		1.70	0.0	3	8	18	5	sw.	Otto Parker
Conway	Faulkner	309	44	81.0	−0.6	99	27	59	24	34	1.13	−2.19	0.53	0.0	5	24	7	0	s.	E. E. Cordrey
Corning	Clay	293	34	79.0	+0.1	98	13	57	9	33	6.01	+2.54	2.81	0.0	7	21	6	4	sw.	Winfred D. Polk
Dam No. 1‡‡	White	190	4								5.16		1.17	0.0	7	21	8	2	sw.	J. O. Yingling
Danville	Yell	327	11								2.25	−0.89	1.09	0.0	4	19	7	5	e.	C. P. Evans
Dardanelle	Yell	330	41	81.0	−0.4	101	7	61	25	31	2.92	−0.61	0.78	0.0	8	16	15	0	se.	G. N. Goodier, Jr.
Dumas	Desha	162	21	81.6	0.0	100	7†	62	4†	34	4.25	+0.83	1.32	0.0	8	9	16	6	s.	Ben Johnson.
Dutton	Madison	1590	24	72.8	−2.7	94	7	49	4	40	6.46	+2.22	2.38	0.0	7	16	10	5	sw.	J. M Ricketts
El Dorado	Union	270	26	82.3	+0.8	100	18	65	5†	28	2.04	−1.23	0.87	0.0	6	10	15	6	sw.	J. J. Babb
England	Lonoke	229	20	80.6	−0.7	99	17	60	5†	33	2.20	−0.21	0.65	0.0	6	15	15	1	sw.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	77.2	−0.8	95	7†	56	24	33	6.59	+2.64	1.91	0.0	9	16	9	6	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	76.8	−1.2	95	7†	53	4†	38	7.27	+3.15	4.09	0.0	9	21	7	3	s.	University of Arkansas
Fort Smith	Sebastian	457	46	80.0	−1.5	99	7	64	3	28	7.25	+3.41	2.74	0.0	7	15	8	8	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								5.96		2.45	0.0	9	19	8	4	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								4.65	+1.24	3.06	0.0	5	17	7	7		T. J. Logan
Georgetown	White	200	15								2.36	−0.28	1.65	0.0	3	18	7	6	s.	W. R. Owens
Gilbert	Searcy	675	4								7.64		2.90	0.0	11	10	16	5		Ben F. Battenfield
Gravette	Benton	1250	30	76.0	−1.2	96	10	54	4	34	5.95	+1.76	1.60	0.0	6	18	10	3	sw	A. F. Stevens
Harrison	Boone	1052	26	76.6[b]		99[a]	28	53[b]	3†	41[b]	8.51	+4.19	4.90	0.0	8	18	8	5		G. L. Wright
Helena	Phillips	193	55	82.4	+1.1	101	11†	60	6	37	7.80	+4.00	3.04	0.0	7	14	6	11	sw.	James A. Burnett
Higden	Cleburne	446	9								5.28		2.35	0.0	7	15	14	2	w.	Geo. W Baker
Hope	Hempstead	377	56	81.8	+1.2	102	15	61	4	31	2.01	−2.51	0.70	0.0	6	22	4	5	s.	N. P. O' Neal
Huttig	Union	175	20	83.6[g]	+1.0	100[c]	7†	64[g]	5†	35[g]	2.68	−1.24	1.12	0.0	4	18[c]	5[c]	3[c]	se.	J. L. Collett
Index	Little River	275	2								2.10		1.03	0.0	6	15	2	14		H. D Sanderson
Jessieville	Garland	750	1								2.40		1.00	0.0	6	17	7	7	sw.	George Casey
Jonesboro	Craighead	345	32	79.8	−0.1	98	11	60	24	29	3.26	−0.30	1.20	0.0	6	27	2	2	se.	Benedictine Sisters
Junction ‡‡	Union	182	33	81.8	−0.1	99	21	62	3	31	4.32	+0.25	1.86	0.0	5	24[a]	5[a]	1[a]	sw.	J. A. Lowderback
Little Rock	Pulaski	357	48	80.6	−0.3	96	17	65	24	26	1.09	−2.90	0.42	0.0	5	17	9	5	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	74.4[b]		91[b]	7†	59[b]	3†	25[b]	5.99		2.70	0.0	11	17[b]	10[b]	2[b]	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	29											6.0						H. G. Lenhardt
Magnolia	Columbia	315	8	80.6[b]		98[b]	17†	62[b]	25	34[b]	0.58		0.25	0.0	3	11[b]	13[b]	5[b]	s.	State Agri. School
Malvern	Hot Springs	277	40	81.0	0.6	100	17	60	4	32	3.41	−0.04	0.90	0.0	9	21	7	3	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	76.4	−1.6	96	17	54	4	36	4.53	+0.96	1.28	0.0	9	13	7	11	n.	E. C. Bellamy
Marianna	Lee	235	15	80.8	+0.6	97	11	60	25	33	1.67	−2.03	0.62	0.0	5	24	7	0	s.	C. N. Houck
Marked Tree	Poinsett	229	22	78.8		98	10	60	23	31	4.47	+1.07	2.36	0.0	7	19	12	0	n	Charles Walton
Marshall	Searcy	1070	13	76.9	−1.9	97	10	55	3†	35	6.22	+2.95	2.60	0.0	10	14	10	7	sw.	A. J. Park
Mena	Polk	1186	39	75.6	−1.2	99	10	58	4	37	7.40	+3.35	2.50	0.0	6	14	10	7	se.	E. W. St. John
Morrilton	Conway	347	6	81.6		100	7†	60	24	31	1.09		0.62	0.0	3	15	11	5	sw.	John Cook
Mountain Home	Baxter	800	13	77.4[a]	+0.1	99[a]	10	57[a]	3†	36[a]	7.62	+3.20	2.73	0.0	8	13[a]	8[a]	9[a]	s.	B. S. Halbert
Mount Ida	Montgomery	650	28	79.0	−0.5	99	7†	55	3†	37	4.73	+1.21	3.30	0.0	7	17	7	7	s.	G. A. Whittington
Newport	Jackson	231	43	81.0	0.0	102	7	59	24	38	3.95	+0.79	1.13	0.0	6	19	6	6	n.	A. C. Wilkerson
Oden	Montgomery	800	1								7.75		3.96	0.0	9	12	15	4	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	80.6	+0.5	99	12†	60	25	30	2.57	−0.99	0.92	0.0	6	21	4	6	s.	June Thomason
Ozark	Franklin	450	31	79.4[c]	−2.4	100[c]	7	59[c]	6	32[c]	6.02	+2.67	2.02	0.0	8	21[c]	2[c]	5[c]	sw.	Isham Burrow
Paragould	Clay	301	1								5.62		1.60	0.0	5					W. R. Heagler
Patterson	Woodruff	196	11								5.99	+2.83	2.80	0.0	3	18	9	4	sw.	W. E Baker
Pindall	Searcy	1500	5								8.63		4.73	0.0	8	16	8	7	se.	W. W. Wood
Pine Bluff	Jefferson	215	40	82.8	+0.6	103	17	64	25	31	3.36	−0.16	1.35	0.0	6	21	6	4	s.	Miss Theresa Scheu
Pocahontas	Randolph	300	34	80.2	−1.5	99	10	57	6	38	5.65	+1.33	2.85	0.0	5	15	9	7	n.	Benedicitine Sisters
Portland	Ashley	122	21	82.6	+1.1	101	18†	63	25†	33	2.44	−2.06	1.08	0.0	7	11	17	3	sw.	W. E Edmiston
Prescott	Nevada	329	39	81.0	−0.7	97	17	61	25	30	4.69	+1.57	1.64	0.0	6	15	8	8	s	C. D. Calhoun
Princeton	Dallas	287	21								1.24	−3.15	0.55	0.0	3	21	2	8		Mrs. F. P. Coleman
Rison	Cleveland	243	26	81.6[b]	+0.8	98[b]	7†	61[b]	25	33[b]	2.90	−0.40	1.40	0.0	5	8[b]	11[b]	10[b]	sw.	Mrs M. V. Tisdal
Rogers	Benton	1385	36	75.8	−1.2	96	10	53	4†	38	6.87	+2.76	3.92	0.0	7	15	11	5	s	Carl A. Starck
Searcy	White	236	18	80.0	−0.7	99	7†	59	6†	37	2.11	−0.32	0.80	0.0	7	25	0	6	s.	J. T. Bell
Springbank ‡‡	Miller	240	20								6.96	+3.38	2.40	0.0	9	25	0	6		Miss Grace Field
Story	Montgomery	700	3								2.86		0.92	0.0	7	20	8	3	s.	S. C. Story
Stuttgart	Arkansas	228	40	79.8	−0.9	98	17	60	24	33	4.60	+0.72	1.68	0.0	8	17	13	1	sw.	Adam F Buerkle
Subiaco	Logan	1050	30	80.4	−0.9	100	7	60	24†	33	2.86	−0.52	1.50	0.0	4	6	14	11	s.	New Subiaco Abbey
Texarkana	Miller	332	41	82.4	+0.1	101	17†	63	4†	34	4.08	+0.66	2.20	0.0	6	17	9	5	s.	H. S. Brashear
Thornburg	Perry	650	3	77.0		98	7	52	24	37	1.35		0.33	0.0	7	11	14	6	sw.	Edward E. Holmes
Waldron	Scott	675	8								3.23		1.70	0.0	5	13	4	14	sw.	Dr. Cheves Bevill
Warren	Bradley	206	33	81.8	0.0	100	17†	63	4†	34	2.87	+0.44	1.78	0.0	5	20	9	2	s.	W. L Shide
Waters	Montgomery	800	3								4.65		1.99	0.0	4	18	7	6	sw.	J. R. Huddleston
Whitecliffs	Little River	290	23								2.59	+0.45	0.85	0.0	6	15	13	3	sw.	Nannie O. Schirmer
Wilson	Mississippi	237	2	78.8		96	11	57	24	34	4.74		1.54	0.0	7	25	5	1	sw.	M. W. H. Collins
Wynne	Cross	250	19	80.2	−0.8	99	11	56	6	38	2.36	−1.42	1.23	0.0	5	17	10	4	s.	E. O. Allen
Yancopin	Desha	167	3								3.40		2.96	0.0	4	19	9	3		W. E. Barton
State Means and Extremes				79.6	−0.4	104	11	49	4†	41	4.25	+0.43	4.90	0.0	6	17	9	5	sw.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means T. Less than 0.0 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R. F. D., Junction City, Ark.: Lutherville R. F. D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark

Daily River Stages for July, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.4	11.2	10.1	9.3	8.8	8.5	8.3	8.3	7.8	7.7	7.5	7.3	7.1	7.0	8.2	9.9	11.3	10.7	9.8	8.7	9.3	8.7	7.7	8.0	10.0	10.7	9.7	8.0	7.3	8.0	11.4
Dardanelle	do	20	13.8	11.9	9.0	7.7	6.8	6.4	6.0	5.9	5.7	5.5	5.3	5.1	4.8	4.7	4.9	6.0	6.4	8.2	8.6	7.5	5.9	5.2	5.0	4.8	4.5	6.0	7.7	7.7	7.1	5.5	5.7
Little Rock	do	23	14.4	13.5	11.8	9.6	7.9	6.7	6.0	5.5	5.1	5.0	4.7	4.5	4.3	4.0	3.8	3.7	4.8	6.5	7.5	8.2	7.4	6.5	5.6	5.8	5.4	4.6	4.5	6.3	7.1	6.5	4.9
Pine Bluff	do	25	18.2	17.5	16.6	14.8	13.4	12.5	11.6	11.4	11.0	10.8	10.7	10.6	10.3	10.0	9.6	9.4	9.5	10.5	11.9	12.8	11.9	11.5	10.7	10.1	9.9	9.6	9.5	9.6	10.1	10.6	9.7
Yancopin	do	29	35.1	34.8	34.4	33.9	33.2	32.3	31.1	29.9	28.7	27.4	26.1	24.9	23.8	22.7	21.5	20.5	19.4	18.5	18.4	18.9	19.0	19.0	18.3	17.1	16.1	15.6	14.9	14.0	13.8	15.2	16.2
Danville	Petit Jean	20	3.7	3.6	3.2	2.8	2.6	2.3	1.8	1.4	1.1	0.8	0.6	0.5	0.5	0.5	0.5	0.8	0.7	3.0	2.9	2.8	2.1	1.7	2.3	2.9	3.2	2.7	2.4	2.1	1.5	1.6	1.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	4.1	3.7	3.7	3.8	3.1	2.5	2.5	2.5	2.1	2.0	2.0	2.0	1.5	1.9	3.6	2.6	3.3	2.4	2.6	2.1	2.0	2.5	3.6	4.4	5.0	4.0	3.4	3.3	2.3	2.9	10.0
Batesville	...do	23	9.8	9.8	9.6	9.4	9.0	8.8	8.0	7.8	7.5	7.2	7.2	7.2	7.2	6.6	7.2	8.8	8.3	8.5	7.9	7.6	7.6	7.4	8.7	8.9	10.8	10.2	9.2	8.7	8.4	7.7	15.3
Newport	...do	26	16.9	15.5	13.6	11.8	11.1	10.4	9.4	8.6	7.8	7.5	6.9	6.6	6.0	5.9	5.8	6.7	7.5	7.4	6.9	6.8	6.2	6.0	6.0	6.8	7.0	8.3	7.9	7.0	6.7	6.5	7.8
Dam No. 1	Little Red	..	5.0	4.8	4.5	4.1	3.6	3.0	2.7	2.5	2.2	2.0	1.7	1.4	1.2	1.0	0.8	0.8	0.8	2.6	1.5	0.9	0.5	0.2	0.0	-0.8	-0.6	-0.5	-0.5	-0.8	-0.7	0.7	0.8
Georgetown	White	22	20.7	20.4	20.1	19.7	19.2	18.6	17.8	16.8	15.6	14.6	13.2	12.2	11.4	10.6	10.0	9.5	9.3	10.0	10.2	10.2	9.8	9.4	9.0	8.6	8.5	9.0	9.9	10.2	10.0	9.6	9.4
Clarendon	...do	30	28.3	28.2	28.0	27.7	27.5	27.2	27.0	26.7	26.4	25.9	25.4	24.8	24.2	23.4	22.5	21.5	20.6	19.7	19.1	18.7	18.3	17.9	17.3	16.6	16.0	15.6	15.5	15.7	15.9	16.0	15.9
Gilbert	Bufialo	30	4.4	5.2	4.8	4.4	4.3	4.1	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	4.2	5.2	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.3	4.1	4.0	4.0	4.0	4.0	4.0	8.1
Corning	Black	11	9.9	9.6	9.3	9.1	8.9	8.7	8.5	8.3	8.2	8.1	8.0	7.9	7.7	7.7	7.7	7.8	8.0	8.2	8.1	8.1	8.1	8.4	8.4	8.1	8.0	7.8	7.7	7.6	7.5	7.8	8.6
Black Rock	...do	14	12.0	11.1	10.6	10.0	9.3	8.3	7.7	7.5	7.3	7.0	6.8	6.6	6.5	6.5	6.1	7.9	7.3	6.5	6.2	6.0	6.0	5.9	5.9	5.8	5.3	5.8	5.7	5.7	5.5	6.0	8.0
Patterson	Cache	9	9.5	9.2	9.0	8.9	8.7	8.4	8.0	7.8	7.2	6.9	6.6	6.2	5.9	5.6	5.4	5.2	5.1	5.4	5.7	5.8	5.8	5.6	5.3	5.0	5.0	5.0	5.0	4.8	4.6	4.6	4.6
Arkadelphia	Ouachita	18	1.2	1.2	0.8	0.8	0.5	0.3	0.0	2.3	1.2	0.2	-0.2	-0.3	-0.4	-0.5	-0.5	-0.5	-0.3	-0.5	-0.6	-0.6	-0.6	0.2	0.5	3.0	1.0	0.8	1.0	0.8	0.7	0.5	0.2
Camden	...do	30	11.9	10.6	9.7	8.7	7.9	7.2	6.1	5.5	7.3	8.4	7.4	6.5	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.4	4.2	3.7	4.5	6.6	8.1	8.0	7.9	7.6	6.6	6.0	5.4
Fulton	Red	28	11.1	10.9	10.5	10.1	9.8	9.5	9.3	9.1	8.8	8.5	8.5	8.4	8.3	8.1	8.0	8.0	13.2	20.1	22.5	22.8	22.6	19.8	17.7	16.0	14.4	13.5	14 4	13.4	11.8	10.5	10.5
Springbank	...do	37	16.4	15.4	14.7	14.7	14.5	14.0	13.8	13.5	13.3	13.1	12.8	12.8	12.6	12.4	12.1	11.9	12.0	12.6	21.1	23.4	24.2	24.0	22.5	21.0	19.0	17.0	16.0	16.6	16.3	15.1	14.6
Whitecliffs	Little	28	1.2	1.6	1.5	1.6	1.2	1.3	1.1	1.0	1.0	1.0	1.0	0.8	0.7	0.7	0 6	0.8	1.1	8.2	11.0	12.6	11.8	10.7	8.7	7.0	4.7	3 5	4.0	3.1	3.1	2.6	1.0
Marked Tree	St. Francis	17	16.2	15.9	15.7	15.3	14.8	14.3	13.8	13.2	12.8	11.8	11.3	10.8	10.3	9.9	9.6	9.3	9.6	9 3	9.0	8.7	8.4	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.3
Helena	Mississippi	44	39.9	39.1	38.0	36.7	34.8	33.0	31.1	29.4	27.8	26.4	25.3	24.5	23.7	22.9	22.1	21.5	21.2	20.9	20.6	20.3	19.9	19.3	18.6	18.0	17.7	17.5	17.2	17.0	16.9	17.0	17.6
Arkansas City	do	48	43.9	43.7	43.4	43.1	42.7	42 2	41.5	40.7	39.7	38.1	36.8	35.6	34.3	33.0	31.4	30.4	29.4	28.4	27.5	27.0	26.5	26 0	25.5	24.5	24.0	23.0	22.3	21.8	21.3	20.8	20.3

Daily Precipitation for July, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita								.36							.63			.11				.12	.11										1.33
Arkadelphia	Ouachita	.74							2.30							.55							.45	.78								.45	5.27
Arkansas City	Mississippi								.55															.35									1.97
Ariberg	White	.69																3.25			.10	.30	.32				.35				.10	2.23	7.34
Batesville	White	.64	.56													.87	1.40	.26			.10	.04		.48			.01	.10		.38	2.86	7.70
Bee Branch	Arkansas	.10						.20			T.				.18	1.37		.22			T.	T.	.26								1.59	.20	4.03
Bentonville ***	Arkansas													2.47	.97		.03				T.	.04	.62							.72	1.62		6.47
Black Rock	White															.48	.34				.02	T.					1.25	.06		1.38	.78	4.31
Blytheville	Mississippi		T.	.14					T.							1.67		.42			.08	T.									.47	1.04	3.82
Booneville	Arkansas		.03												.70	1.45			T.								.04			.05	1.90		4.17
Brinkley	White															.48	.72	.12														T.	1.32
Calico Rock	White	.29	.12									.02			.60	.94	.59	.16				.07	.14					.01			2.40	2.13	7.47
Camden	Ouachita	.36		.75					.24							.19				.23			.07	.78								.01	2.63
Center Point	Red								.38							.42			.12				T.	.13			.01	.13		.17		1.36
Clarendon	White								.61							.06	.94	.08	T.									.04			.60	2.33
Clinton	White														.16	1 87							.07							1.33		3.43
Cold Springs	Arkansas															1.70			.01												.75		2.46
Conway	Arkansas															.47					.04	.04					.53				.05		1.13
Corning	White							.10								1.23	.43				1.15						.13			2.81	.16	6.01
Dam No. 1	White							.26							.79	.91		1.07										.47			.49	1.17		5.16
Danville	Arkansas	T.	T													.38	.60							1.09			T					.18	2.25
Dardanelle	Arkansas	.10	.78								T.					.61	.63		T.			.12	T.	.24						.03		.41	2.82
Dumas	Mississippi		.02					1.13				.07		.12	.03	.07						.57	.76								1.32	.35	4.25
Dutton	White														2.38	1.56					T.	.06	T.							.40	1.87		6.46
El Dorado	Ouachita	.04		.03					.87											.20			.85	.05								T.	2.04
England	Arkansas							.43							T.	9.	.65	.47				T.		.24							.38	.03	2.20
Eureka Springs	White													.61	1.91	.02		.10			.10	.40	1.10									6.59
Fayetteville	White										T.			.27	1.55	.06					.22	.04	.06							.50	1.85		7.27
Fort Smith ***	Arkansas	T.												.67	1.88	1.66			.48		T.	T.	.10				T.			.89	4.09	.09	7.25
Freeman Sprgs.	Arkansas	T	T.									.19			.35	2.46	.03		.12			.03	.13							.40	2.66		7.25
Fulton	Red	.20	T.						1.10								3.06						T.	.15	.14						.63	2.02	5.96
Georgetown	White								.62								1.65		T.													.09	4.65
Gilbert	White	.05	.25									.02			.64	.92	.46					.08	.97					.15			1.20	2.90	2.36
Gravette	Arkansas	.12									T.			.62	1.25	1.00			T		T.												7.64
Harrison	White																				.05	.38	.26							.05	4.90		5.95
Helena	Mississippi			1.44					1.68								.22	.14					.50									3.04	8.51
Higden	White														.11	2.35	.07				T.			.08		T.				.09	1.63	.95	7.80
Hope	Red	.04	T.					T							.15	.44	.03		.65			.70		T									5.28
Huttig	Ouachita	1.12							.48						.26					.82				.05								.03	2.01
Index	Red	.20	.28						.51								1.03																2.68
Jessieville	Ouachita	.10													.20	.30							1.00				.60	.20				2.10
Jonesboro	White																.67				.16	T.		.32				.01		.90	1.20	2.40
Junction	Ouachita							.78							.52				.35			.87									1.80	3.26
Little Rock ***	Arkansas	T.													.30	T.	.20	.08				T.	.42							T.	.14		4.32
Lurton	White										.10			.31	.46	2.04		.03			.05	.17	.09							.02	2.70	.02	1.09
Lutherville	Arkansas																																5.99
Magnolia	Red	.15	.25																			.18											0.58
Malvern	Ouachita	.05							.30							.65	.15		.10	.02			.75	.90								.49	3.41
Mammoth Spg.	White														.21	1.06					.21	.26	.09				19			1.28	1.11	.12	4 53
Marianna	Mississippi							.32								.39	.62		.11													.23		1.67
Marked Tree	Mississippi								.26								2.36	.40				.01		.36				.68				.40	4.47
Marshall	White	.08	T.								T.			T.	.57	1 47					.06	.23	.75			.20				.21	2.60	.05	6.22
Mena	Ouachita	T.														1.34	1.04			.10				2.50							.98	1.44	7.40
Morrillton	Arkansas															.62												.07			.40		1.09
Mountain Home	White	T.									T.			.75	1.75	.40					.18	.38	1.15							.28	2.73		7.62
Mount Ida	Ouachita														.06	.71						.05	.37	3.30							.08	17		4.73
Newport	White															.16	.71	.26										.82			1.13	.87	3.95
Oden	Ouachita	.07													.22	1.57			.07			.72	.62	3.96							.05	.47		7.75
Osceola	Mississippi		.75						.38							.07	.92	.39			T.										.06		2.57
Ozark	Arkansas										T.			.11	1.89	2.02					T.								.03	.57	1.40		6.02
Paragould	Mississippi						.14								T.		1.18					1 18									1.52	1.60		5.62
Patterson	White																2 80		2.45													.74	5.99
Pindall	White	.09													1.17	1.47					.04	.34	.37							.42	4.73		8.63
Pine Bluff	Arkansas		T.	.21					1.35							.01	.02						T.	.45							1.32	3.36
Pocahontas	White														.16	.80											.32			1.52	2.85		5.65
Portland	Ouachita			.45					.18								.02						.31	.09				1.08			.31	2.44
Prescott	Ouachita							1.64							.08	.32			.26			.91	1.48										4.69
Princeton	Ouachita						.55																	.29								.40	1.24
Rison	Ouachita								1.40						.40	.10						.20										.80	2.90
Rogers	Arkansas														.93	1.57					.05	.08	.32							.56	3.36		6.87
Searcy	White	.03							.30							.33	.47		.06									12	.80				2.11
Springbank	Red	28	.40	1.75					1.70					.12						.12			.06	2.40	.13								6.96
Story	Ouachita	.49														.92			.06				.48	.46				.26			.19		2.86
Stuttgart	Arkansas		.04					.76							.03	.39		.60				.28	1.68								.82		4.60
Subiaco	Arkansas													T.	.50	.85		T.	T.		T.		T.								.01	1.50	T.	2.86
Texarkana	Red	.70	.60						2.20					.08			.45				T.	.08	T.		.05									4.08
Thornburg	Arkansas	T.	T.					.21							.21	.33									.16		T.	T.	.31	.05		1 35
Wattron	Arkansas		T.											T.	.10	1.70			.27				17		T.					99		3.23
Warren	Ouachita		15					1.78							.10							1.62									.22	T.	3.87
Waters	Ouahita		.39													1.99							1 72								.55		4.65
Whitecliffs	Red						.18				.85					.22	.19						.68	.47									2.59
Wilson	Mississippi	.96						.38							.31	1.54	1.06						.02							T.	47		4.74
Wynne	Mississippi										.10					.09	.55	1 23						T.								.39	2.36
Yancopin	Arkansas		T.	T.							.96					.06	T						.42								T.	2.96	4.40

Precipitation is for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‡‡ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
* Precipitation included in the next following measurement.

Daily Temperatures for July, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	98	93	97	94	97	100	103	95	97	99	104	101	96	100	90	96	104	100	98	98	98	103	92	92	92	93	95	100	94	85	100	97.0
	Minimum	68	70	62	60	61	65	70	65	63	66	70	70	72	72	70	71	72	73	69	70	72	69	70	63	62	66	67	69	72	74	74	68.3
Batesville§§	Maximum	91	90	86	86	87	92	95	87	90	96	98	95	92	88	86	92	93	91	92	85	91	90	92	84	87	90	95	92	90	76	89	89.9
	Minimum	72	70	58	58	57	57	67	62	57	61	70	70	69	69	62	69	70	68	65	67	68	72	65	57	58	61	67	66	72	72	70	65.4
Bentonville	Maximum	84	84	84	85	87	91	91	84	90	94	91	90	85	78	82	90	86	87	90	81	88	82	78	80	85	88	90	91	77	81	87	85.8
	Minimum	66	64	58	58	62	63	68	60	56	68	68	72	68	68	68	69	69	65	68	73	70	63	59	56	60	66	67	68	70	69	64	65.3
Bee Branch	Maximum	90	90	89	87	91	94	96	89	92	95	97	95	95	91	86	94	94	90	92	92	88	91	87	84	90	93	96	97	92	82	93	91.4
	Minimum	68	72	58	61	60	60	67	67	61	63	70	72	71	73	68	70	72	73	67	69	68	72	67	57	59	63	68	67	71	72	69	66.9
Blytheville	Maximum	97	92	86	90	92	96	99	90	94	98	100	99	95	..	95	91	93	95	94	90	96	93	86	88	90	94	96	98	93	80	92	93.1
	Minimum	74	73	63	61	60	60	70	67	60	64	74	69	72	..	71	69	72	70	62	70	71	74	65	59	63	63	69	70	73	72	72	67.7
Booneville	Maximum	91	93	89	89	92	96	101	95	93	100	96	96	94	86	85	95	95	91	93	91	90	88	84	86	92	95	97	96	92	79	93	92.1
	Minimum	70	67	59	59	60	63	70	66	49	64	66	72	76	70	69	70	71	72	70	70	71	75	70	61	59	68	67	69	73	72	70	67.4
Brinkley	Maximum	92	92	87	86	89	93	96	89	91	93	99	95	93	94	92	90	97	93	93	90	94	94	85	85	88	94	96	96	94	92	93	92.1
	Minimum	70	71	63	60	59	56	68	64	61	61	73	74	71	73	70	72	71	73	67	68	69	71	71	57	60	60	69	66	72	74	73	67.4
Calico Rock§§	Maximum	93	88	88	88	91	97	98	89	94	101	101	100	95	87	82	96	91	92	95	83	89	91	82	85	91	91	98	98	96	77	92	91.6
	Minimum	68	69	57	59	57	59	61	62	57	61	70	71	73	70	70	70	71	69	69	69	69	71	65	58	60	61	67	67	72	72	70	65.9
Camden§§	Maximum	87	90	86	87	89	92	94	89	88	91	94	92	93	89	90	95	97	97	92	94	97	95	76	84	87	91	94	94	93	86	92	90.9
	Minimum	69	71	66	61	62	65	70	67	65	62	66	73	71	72	70	75	70	71	66	67	72	68	69	68	60	62	67	68	71	74	75	68.2
Center Point	Maximum	88	87	88	88	90	95	97	94	92	95	92	92	92	90	90	96	99	96	92	92	96	98	79	86	92	96	96	96	93	85	97	92.3
	Minimum	70	70	68	66	66	70	73	70	69	68	70	74	72	74	70	73	71	72	70	73	75	70	71	65	64	68	69	70	72	74	73	70.3
Conway	Maximum	93	92	89	88	91	96	98	89	92	96	98	97	96	91	90	95	96	94	96	96	90	92	86	88	90	96	99	96	96	85	95	93.1
	Minimum	71	71	63	62	61	63	69	67	63	65	71	73	74	75	72	72	74	74	68	72	70	72	72	59	61	65	65	69	73	74	72	68.8
Corning	Maximum	92	91	88	89	92	93	95	88	90	96	96	91	98	92	83	88	85	92	92	85	85	90	92	85	87	91	95	94	92	84	88	90.4
	Minimum	74	74	60	58	59	61	72	65	57	65	65	72	74	66	71	70	72	70	67	66	67	74	71	64	64	62	67	70	74	71	71	67.5
Dardanelle	Maximum	91	88	87	88	91	94	101	87	91	97	99	96	95	93	80	96	97	93	94	90	88	90	87	86	89	97	99	99	96	83	93	92.1
	Minimum	71	71	63	63	63	65	72	69	65	66	72	76	76	73	71	72	73	76	70	71	72	73	71	62	61	70	70	72	76	74	72	70.0
Dumas	Maximum	96	91	89	89	90	96	100	89	88	94	98	98	95	94	90	98	97	97	100	97	100	98	86	85	90	94	98	98	96	95	96	94.1
	Minimum	71	74	68	62	62	62	69	65	65	62	70	74	72	74	72	75	72	76	68	67	72	70	70	64	62	64	69	68	72	74	74	69.0
Dutton	Maximum	88	86	85	85	89	94	86	89	91	91	90	87	74	75	87	88	86	89	78	85	84	79	81	81	87	89	88	79	72	86	85	85.1
	Minimum	63	58	50	49	51	55	69	59	59	51	58	65	68	64	64	64	64	60	61	63	68	66	59	52	51	57	59	60	68	67	72	60.5
El Dorado	Maximum	90	88	89	89	93	95	97	90	90	93	95	95	92	93	97	99	100	91	96	99	95	90	82	89	93	95	98	95	94	94	96.3
	Minimum	75	72	70	66	65	69	73	68	66	65	71	74	73	74	74	74	74	77	76	70	71	71	73	70	65	66	72	71	73	75	77	71.3
England	Maximum	91	92	89	88	93	95	97	88	90	93	98	93	94	93	98	94	99	93	93	94	96	95	92	85	91	90	96	95	94	90	94	93.0
	Minimum	70	72	63	61	60	62	70	62	63	64	75	73	65	72	70	72	74	75	63	71	72	70	72	60	60	63	68	70	73	74	74	68.1
Eureka Springs	Maximum	87	88	88	89	89	92	95	89	90	95	92	92	88	76	81	90	90	90	93	89	87	85	80	82	85	89	91	91	82	79	88	87.8
	Minimum	70	64	59	73	63	68	74	61	57	71	71	71	69	66	67	69	69	64	69	70	69	67	61	56	59	69	68	72	69	69	65	66.7
Fayetteville	Maximum	88	85	86	91	89	93	95	91	91	95	93	93	88	76	78	90	89	89	93	88	87	87	80	83	85	90	92	91	87	82	90	88.3
	Minimum	69	62	58	53	62	64	72	58	53	66	67	72	70	66	67	70	70	63	67	69	71	71	62	57	58	66	67	68	69	71	67	65.3
Fort Smith	Maximum	86	90	90	87	91	95	99	89	93	97	94	94	93	76	84	95	93	86	91	84	91	85	83	84	89	92	95	94	82	81	92	89.5
	Minimum	72	71	64	65	66	68	74	71	65	69	72	75	68	70	70	72	74	70	72	74	74	73	69	66	65	72	72	73	73	72	71	70.4
Gravette	Maximum	80	89	85	86	86	92	92	89	90	96	93	91	85	77	82	90	87	86	91	87	87	84	79	82	86	89	90	90	84	82	90	87.0
	Minimum	67	63	56	54	62	62	72	60	56	64	62	70	68	67	67	71	74	63	67	70	71	66	60	57	60	66	67	67	69	70	65	64.9
Harrison	Maximum	92	86	87	88	92	97	95	92	94	98	97	97	94	78	82	95	..	87	93	82	91	87	80	82	91	94	94	99	95	80	95	90.5
	Minimum	65	65	53	55	60	58	58	55	53	60	72	69	68	67	66	..	..	63	64	68	66	66	61	53	54	63	65	65	71	68	65	62.6
Helena	Maximum	90	94	94	90	92	97	98	90	94	97	101	98	96	97	96	97	101	96	98	96	98	97	88	89	95	97	96	98	98	93	96	95.2
	Minimum	72	70	67	64	65	60	69	65	65	63	75	77	75	75	74	73	75	76	69	67	71	73	72	61	62	65	69	68	72	73	72	69.5
Hope	Maximum	89	92	87	88	90	96	97	89	89	94	94	95	89	93	102	97	100	100	96	96	99	98	79	88	92	99	98	99	98	88	98	93.9
	Minimum	71	72	65	61	62	66	74	68	64	66	70	74	74	74	73	72	72	69	69	71	73	69	72	68	62	70	71	72	73	74	73	69.8
Huttig	Maximum	96	95	97	93	93	98	100	..	99	..	99	100	99	98	94	..	..	100	98	97	99	99	.	..	98	97	96	97	96	97	..	97.4
	Minimum	70	72	70	65	64	67	73	.	65	..	64	73	74	72	73	..	..	72	70	78	75	70	..	..	65	65	70	68	71	74	..	70.0
Jonesboro	Maximum	93	89	86	84	91	94	97	87	91	97	98	96	94	92	87	90	90	91	92	87	92	92	79	88	88	91	96	95	92	78	90	90.5
	Minimum	73	71	63	64	63	65	73	75	62	66	70	75	74	72	72	70	73	70	74	68	72	74	66	60	62	65	65	72	74	71	71	69.2
Junction	Maximum	94	93	92	93	95	97	96	94	93	94	96	98	98	95	94	96	97	98	96	98	99	96	91	87	89	93	96	96	94	95	97	94.8
	Minimum	66	67	62	63	63	67	68	65	64	66	65	67	70	72	70	71	72	73	72	74	73	70	69	67	66	67	72	73	72	74	72	68.8
Little Rock	Maximum	89	89	87	86	90	92	95	86	91	94	95	91	91	88	87	91	96	91	92	90	91	90	82	84	88	89	92	92	90	82	92	89.8
	Minimum	71	72	68	68	68	70	72	71	68	68	73	75	74	74	72	73	74	77	73	76	72	72	69	65	66	68	72	73	73	73	73	71.3
Lurton	Maximum	..	81	80	..	84	88	91	81	85	89	91	88	86	79	75	87	85	83	86	78	81	81	76	77	81	84	88	88	83	71	84	84.1
	Minimum	..	65	59	..	63	63	70	61	63	67	72	73	66	65	65	67	69	68	66	68	67	66	62	59	60	66	68	68	69	66	64	65.8
Magnolia	Maximum	87	87	85	88	89	92	93	88	88	94	92	..	94	89	90	94	98	97	96	95	96	94	..	92	89	95	95	97	98	90	95	92.3
	Minimum	70	70	67	64	67	69	73	68	65	68	70	..	72	72	73	75	71	63	63	68	73	69	..	69	62	63	68	69	71	74	..	68.8
Malvern	Maximum	91	94	90	91	93	95	98	93	93	95	97	94	95	91	89	96	100	95	97	95	96	95	83	88	92	93	96	96	94	88	94	93.5
	Minimum	71	72	65	60	65	63	68	68	62	65	70	72	72	72	71	72	73	73	69	69	71	69	70	62	61	64	67	70	72	73	74	68.5
Mammoth Spg	Maximum	93	90	91	88	86	90	94	88	85	93	94	95	92	88	83	90	96	91	92	87	85	86	84	86	85	88	90	93	89	84	89	89.2
	Minimum	67	68	55	54	56	55	65	62	56	60	66	70	66	67	67	68	69	65	64	69	66	67	62	55	57	61	66	64	68	71	68	65.7
Marianna	Maximum	94	91	89	88	89	95	95	87	90	96	97	95	92	93	90	95	95	85	95	90	92	95	92	87	89	89	94	94	95	94	89	92.1
	Minimum	74	74	68	67	66	63	70	68	66	65	64	75	74	75	73	73	72	71	70	71	74	73	73	61	60	64	70	70	72	75	74	69.8
Marked Tree§§	Maximum	87	85	79	88	92	89	84	79	85	98	96	93	93	92	90	94	91	92	92	94	91	88	85	88	82	93	95	89	86	88	87	89.1
	Minimum	73	67	65	63	61	61	69	64	65	72	73	72	73	70	70	70	72	68	70	72	76	66	60	61	64	68	70	72	74	72	69	68.5
Marshall	Maximum	90	87	85	85	88	93	93	92	90	97	95	96	92	88	82	91	87	90	91	89	87	86	82	80	86	87	93	92	89	84	88	89.7
	Minimum	66	67	55	55	56	61	73	61	59	62	67	68	75	68	68	69	70	65	64	69	70	68	65	55	56	64	69	67	73	69	67	65.1
Mena	Maximum	88	88	88	88	92	95	98	93	94	99	96	96	93	86	83	93	95	90	93	90	91	89	82	81	89	91	93	92	84	79	90	90.3
	Minimum	69	69	61	58	60	62	71	65	59	62	68	68	73	70	68	68	71	73	67	68	70	72	68	62	62	67	68	70	72	70	68	67.0
Morrillton	Maximum	91	92	90	89	93	97	100	91	94	96	99	97	93	89	86	99	97	93	94	90	89	94	88	86	92	97	100	98	93	82	96	93.0
	Minimum	71	72	67	64	62	65	71	69	67	66	76	74	74	75	72	72	75	75	72	72	70	73	72	60	62	66	70	70	73	74	75	70.1
Mountain Home	Maximum	93	86	87	88	91	95	96	88	91	99	96	98	93	82	84	94	96	90	94	93	88	89	83	82	87	90	95	94	89	79	.	89.8
	Minimum	66	67	57	58	58	59	68	65	57	63	71	70	69	68	69	67	69	67	66	70	68	62	58	65	58	63	66	66	72	71	.	65.1
Mount Ida	Maximum	92	93	89	89	92	95	99	97	94	99	96	94	92	85	95	99	95	94	91	95	95	86	86	89	92	93	94	91	79	91	92	92.3
	Minimum	69	69	56	55	55	63	66	65	56	62	64	69	72	73	71	68	69	71	68	67	66	69	69	60	57	65	64	66	72	70	70	65.6
Newport	Maximum	98	97	94	93	93	97	102	96	96	99	98	99	96	91	88	96	92	90	91	87	88	97	91	89	90	93	94	97	94	89	94	93.1
	Minimum	72	71	63	62	62	61	70	69	61	61	75	74	74	72	72	71	72	72	71	72	71	73	67	59	62	64	70	70	72	72	71	68.6
Osceola	Maximum	96	90	90	89	90	89	93	95	88	90	96	99	99	96	95	91	85	93	92	92	89	96	92	82	88	90	94	98	98	95	9	92.3
	Minimum	75	73	73	63	63	63	65	72	68	64	66	71	72	73	70	70	63	65	72	68	71	71	75	67	64	64	71	72	71	7	68.8
Ozar	Maximum	..	90	91	..	..	95	100	95	92	97	94	95	94	90	82	87	95	95	93	86	92	90	85	85	89	93	96	95	89	78	7	90.8
	Minimum	..	70	60	..	..	59	69	68	62	65	64	67	68	66	64	70	70	70	71	71	74	74	67	63	60	69	69	70	75	72	7	67.9
Pine Bluff	Maximum	94	93	92	92	96	97	98	90	94	93	98	95	95	95	92	98	103	95	99	96	98	97	85	89	93	94	98	98	96	89	95	94.7
	Minimum	72	74	67	66	65	66	73	67	67	67	74	76	73	74	72	74	74	77	72	71	75	71	72	65	64	66	70	71	74	76	74	70.9
Pocahontas	Maximum	94	93	90	90	90	95	98	94	92	99	98	98	95	89	88	94	92	93	94	91	91	94	90	89	91	93	97	96	95	81	91	92.7
	Minimum	72	72	65	62	60	57	70	77	62	67	70	72	72	69	70	69	72	69	65	70	68	73	65	58	62	62	67	69	69	71	71	67.6
Portland	Maximum	98	96	89	88	93	97	100	93	92	97	99	99	99	100	96	100	100	101	97	100	101	101	82	84	94	96	98	95	97	96	95	95.9
	Minimum	70	74	69	65	66	66	70	67	67	64	67	70	71	71	73	74	70	75	69	68	73	70	72	69	63	63	70	67	71	72	70	69.4
Prescott	Maximum	89	92	94	89	91	95	96	92	93	95	94	94	92	90	89	94	97	96	92	93	95	96	90	86	88	91	94	93	93	94	92	92.6
	Minimum	69	71	73	74	63	65	69	68	64	66	67	71	72	75	70	71	70	72	70	68	72	66	72	69	61	68	66	69	71	73	72	69.3
Rison	Maximum	91	92	88	89	92	95	98	95	90	..	96	96	95	93	91	96	..	98	95	95	98	94	86	90	94	92	97	97	97	96	95	93.5
	Minimum	69	73	64	64	64	83	71	66	65	..	64	74	72	70	72	74	..	71	70	69	72	70	73	64	61	64	68	69	72	74	74	69.5
Rogers	Maximum	88	86	87	88	89	93	94	87	91	96	92	93	85	78	81	90	89	89	92	85	88	83	81	83	88	89	93	92	84	89	88	88.1
	Minimum	68	62	56	53	57	60	70	59	53	62	63	63	69	66	68	65	69	66	65	70	70	62	62	54	56	65	64	65	68	69	65	65.4
Searcy	Maximum	93	92	89	89	90	96	99	89	91	97	99	96	95	93	90	94	96	92	93	91	92	92	85	86	91	94	94	94	91	85	96	92.3
	Minimum	70	71	65	62	60	59	67	66	64	63	71	71	71	71	70	71	72	73	68	70	70	71	70	59	60	62	69	68	71	73	70	67.7
Stuttgart	Maximum	91	89	87	86	88	94	95	86	87	91	95	94	93	92	90	93	98	92	93	92	95	95	85	83	87	91	95	94	95	88	92	91.1
	Minimum	71	72	62	63	63	61	67	65	63	64	73	75	73	72	70	72	73	74	69	67	70	70	70	60	62	64	70	68	73	72	72	68.4
Subiaco	Maximum	91	93	90	89	91	96	100	92	92	98	96	97	97	89	82	95	95	91	94	88	92	90	85	87	91	95	99	99	91	81	92	92.2
	Minimum	70	70	61	61	62	65	72	66	62	65	73	74	77	69	69	70	73	74	70	70	70	74	69	69	68	69	70	74	72	71	72	68.7
Texarkana	Maximum	90	92	93	92	96	97	99	99	96	95	97	95	93	93	96	99	101	101	99	99	100	101	90	91	95	97	97	98	96	86	101	95.9
	Minimum	68	68	65	63	63	65	73	65	65	65	68	73	72	74	77	71	71	74	69	68	74	71	71	68	62	63	67	68	68	70	73	68.8
Thornburg	Maximum	88	88	87	87	90	94	98	86	89	95	96	93	91	86	86	95	95	92	93	90	88	90	83	84	88	92	96	94	92	79	92	90.2
	Minimum	66	68	53	53	53	57	67	59	55	58	72	71	75	71	69	67	67	70	61	64	65	68	64	52	53	60	62	63	70	70	71	63.7
Warren	Maximum	92	92	88	89	95	97	97	98	91	94	95	95	95	90	97	100	100	96	97	96	94	90	89	88	92	96	96	95	94	92	94.0
	Minimum	71	67	64	63	67	76	67	61	64	72	75	73	73	72	74	73	77	69	68	75	70	70	66	63	65	70	69	69	74	69	67	69.5
Wilson	Maximum	92	89	85	84	87	92	91	86	88	95	96	95	93	93	87	87	92	90	90	90	93	91	81	85	87	90	93	93	92	88	88	89.8
	Minimum	74	72	63	62	60	58	70	66	62	67	71	71	73	73	67	70	72	71	67	69	69	74	65	57	61	61	69	69	72	72	72	67.7
Wynne	Maximum	94	93	90	89	92	94	97	90	91	95	99	95	96	94	91	90	96	93	92	89	95	92	87	87	89	94	96	96	96	86	92	92.6
	Minimum	72	71	61	61	59	56	69	65	61	61	70	74	73	74	70	73	73	73	67	71	71	72	69	58	63	60	70	68	72	72	73	67.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U.S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

OL. XXXII LITTLE ROCK, ARK., AUGUST, 1927 No. 8

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas uring August were the positive precipitation and the negative mperature departures, this being the coldest August since 915 and also the wettest. As is often the case, when the temerature is low the rainfall is correspondingly high, and in this espect August was true to form. During the past 37 years ut two Augusts have had lower mean temperatures. In August, 1891, the mean temperature was 76.4°, and in August, 915, the mean was 74.7°. August, 1927, with a mean of 76.6° eing the next coolest. Daily means were above normal on n average of only six days. The precipitation of August, 1911, 914, and 1915, was heavier than the past month, these being he only Augusts on record with heavier rainfall. Showers were f almost daily occurrence, rainfall being recorded at one or nore stations every day except the 20th, 21st, and 25th.

Although the weather was too cool for cotton and the rainall too heavy, causing rank growth, still the crop made fairly ood progress over most of the State. Considerable shedding as reported at the close of the month and while weevil were umerous in some localities, infested areas were not large. The ains were favorable for hill corn and for hay crops. Early corn as matured at the close of the month and late corn making atisfactory progress. Minor crops were generally in satisfactory condition.

The rains brought flood stages at points on the Black, White, Petit Jean, and Arkansas rivers. Flood stages prevailed only a day or two on the upper rivers, but water running through the breaks in the levees along the lower rivers inundated 60,000 acres of land and did serious damage to crops in these areas.

W.C.H.

TEMPERATURE

The mean temperature for August, as determined from the records of 56 stations, was 76.6° which is 3.1° below normal, Hope and Texarkana being the only stations showing positive departures. The highest monthly mean was 82.0° at Hope and Texarkana, the lowest, 70.5° at Dutton. The highest temperature recorded during the month was 105 at Texarkana on the 1st. The lowest was 43° at Dutton on the 21st. The greatest daily range was 41° at Thornburg on the 26th.

PRECIPITATION

The average precipitation, during August at 82 stations was 6.01 inches which is 2.32 inches above normal. Several southern stations and a few northern stations showed negative departures, but for the most part positive prevailed. The greatest monthly total was 12.74 inches measured at Higden, the least, 0.48 inch at Whitecliffs. The average number of rainy days was 10.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 15; 2d, 29; 3d, 24; 4th, 28; 5th, 38; 6th. 17; 7th, 14; 8th, 22; 9th, 25; 10th, 21; 11th, 9; 12th, 4; 13th, 13; 14th, 26; 15th, 30; 16th, 31; 17th, 26; 18th, 6; 19th, 1; 22d, 1; 23d, 6; 24th, 1; 25th, 1; 27th, 3; 28th, 24; 29th, 14; 30th, 4; 31st, 1.

DENSE FOG:------4th, 3; 11th, 4; 12th, 2; 18th, 1; 25th, 1; 28th, 1; 29th, 1; 30th, 1; 31st, 1.

LUNAR HALOS:---11th, 1.

SOLAR HALOS:---3d, 1; 25th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.04	30.24	26	29.73	7	2,727	18	w.	16	.....	.....	47
Fort Smith.	29.98	30.21	26	29.72	16	4,613	53	nw.	17	88	67	76
Little Rock.	30 00	30.22	23	29.78	16	4,449	37	nw.	23	36	70	64
Memphis.	30.00	30.22	26	29.79	17	3,902	36	nw	17	82	67	73

COMPARATIVE DATA FOR AUGUST

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.7**		**115**		**39**		**3.69**		**15**	**10**	**6**	**7**
1891	76.4	−3.3	108	17	39	24	2.75	−0.94	21	8	2	5
1892	78.3	−1.4	106	6	47	31	4.39	+0.70	13	11	7	9
1893	77.3	−2.4	102	8	48	30	3.08	−0.61	18	9	4	5
1894	78.1	−1.6	104	14	48	5	4.63	+0.94	12	11	8	8
1895	79.4	−0.3	102	19	55	1	2.64	−1.05	18	9	4	4
1896	82.6	+2.9	112	6	48	29	2.32	−1.37	17	9	5	5
1897	79.6	−0.1	111	4	45	17	2.59	−1.10	17	10	4	5
1898	79.4	−0.3	108	21	54	12	4.35	+0.66	13	13	5	7
1899	82.2	+2.5	112	12	54	12	2.04	−1.65	19	9	3	4
1900	81.1	+1.4	108	21	57	2	2.95	−0.74	16	12	3	5
1901	80.5	+0.8	109	3	52	7	2.95	−0.74	14	13	4	6
1902	80.7	+1.0	108	4	51	7	2.55	−1.14	19	9	3	4
1903	78.7	−1.0	105	4	47	31	4.34	+0.65	15	12	4	8
1904	78 1	−1.6	105	25	46	27	2.81	−0.88	16	12	3	6
1905	79.1	−0.6	103	25	51	28	3.73	+0.04	18	10	3	6
1906	77.9	−1.8	100	19	42	28	4.92	+1.23	14	10	7	10
1907	82.0	+2.3	113	10	54	4	2.92	−0.77	16	10	5	6
1908	79.3	−0.4	103	6	52	26	4.48	+0.79	15	10	6	8
1909	82.4	+2.7	111	17	47	30	1.27	−2.42	20	8	3	4
1910	79.2	−0.5	104	3	43	27	3.92	+0.23	13	12	6	8
1911	78.0	−1.7	107	9	45	30	8.19	+4.50	11	11	9	12
1912	78.7	−1.0	105	27	45	4	3.30	−0.39	15	10	6	7
1913	82.1	+2.4	107	7	46	23	1.62	−2.07	20	10	1	3
1914	78.5	−1.2	104	3	57	6	6.81	+3.12	8	11	12	12
1915	74.7	−5.0	102	8	40	31	10.44	+6.75	9	9	13	11
1916	81.8	+2.1	107	13	46	24	2.63	−1.06	17	9	5	5
1917	77.1	−2.6	104	16	43	25	4.10	+0.41	16	7	8	8
1918	82 9	+3.2	115	4	52	14	3.90	+0.21	15	9	7	7
1919	80.6	+0.9	113	5	55	19	4.29	+0.60	16	8	7	7
1920	76.8	−2.9	102	6	46	4	4 08	+0 39	13	9	9	8
1921	81.5	+1.8	106	5	56	8	5.46	+1 77	15	9	7	8
1922	80 4	+0.7	111	23	51	27	1.90	−1.79	18	8	5	5
1923	81.9	+2.2	109	4	49	24	2.43	−1.26	18	8	5	4
1924	82.2	+2.5	108	3	43	15	2.46	−1.29	20	8	3	5
1925	80.3	+0.6	108	19	47	1	1.81	−1.88	22	7	2	4
1926	80.7	+1.0	110	6	47	25	5.50	+1.81	14	10	7	10
1927	76.6	−3.1	105	1	43	21	6.01	+2.32	12	10	9	10

Corrections July .1927

Rison:--Number partly cloudy days should be 10b, cloudy 11b.

Climatological Data for August, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	80.0	0.0	103	14	55	26†	37	1.93	−2.63	0.99	0.0	3	9	19	3	s.	G. C. Thrash.
Arkadelphia	Clark	250	31								5.21	+0.69	1.07	0.0	10	24	1	6	ne.	F. J. Carpenter
Arkansas City	Desha	145	43								7.41	+3.47	2.02	0.0	9	18	7	6		Carl R Cutting
Arlberg	Stone	700	5								10.45		1.80	0.0	10	11	12	8		J D. Reeves
Batesville	Independence	277	28	73.8	−5.7	91	8	50	27	31	9.84	+5.59	2.24	0.0	13	13	2	16	ne.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	35	75.4	−4.0	94	8	52	27	29	6.73	+2.86	2.70	0.0	12	4	11	16	s.	J. E. Scanlan.
Bentonville	Benton	1303	22	72.7	−3.8	91	7	53	21	28	7.75	+3.71	2.74	0.0	16	6	15	10	se.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								5.66	+1.31	1.90	0.0	9	17	2	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	2	76.0[b]		95[b]	1	52[b]	27	33[b]	5.24		1.67	0.0	7	15[b]	7[b]	7[b]	sw.	J. M. Brooks
Booneville	Logan	465	13	77.4	−3.7	98	8	51	20	37	9.96	+6.97	4.56	0.0	8	11	12	8	e.	F. H. Randolph
Brinkley	Monroe	205	40	76.4	−3.8	95	8	50	27	31	6.83	+3.31	2.06	0.0	10	11	14	6	nw.	R. J. Torry
Calico Rock	Izard	361	23	75.2	−3.7	95	8	52	27	34	8.85	−3.75	1.68	0.0	15	6	18	7	sw	W. J. Copp
Camden	Ouachita	158	42	78.6	−3.6	99	16	55	20†	34	3.69	+0.43	2.55	0.0	7	11	12	8	ne.	A. B. Quarterman
Center Point	Howard	470	28	81.4	0.0	104	16	58	20	32	1.65	−1.70	0.75	0.0	7	11	14	6	se.	John C. Floyd
Clarendon	Monroe	200	23								8.58	+4.37	2.25	0.0	13	12	5	14	e.	J. W. Bishop
Clinton	Van Buren	516	6								12.27		3.57	0.0	11	0	21	10	w.	A. L. Stephens
Cold Springs	Scott	1250	1								6.59		3.70	0.0	5	9	17	5	sw.	Otto Parker
Conway	Faulkner	309	44	77.1	−4.3	95	8†	55	20†	27	5.84	+2.33	1.90	0.0	10	14	14	3	e.	E. E. Cordrey.
Corning	Clay	293	34	74.4	−3.7	91	6†	50	27	32	4.09	−0.45	2.02	0.0	8	16	10	5	nw.	Winfred D. Polk
Dam No. 1 ‡‡	White	190	4								10.38		2.21	0.0	10	17	3	11	nw.	J. O. Yingling
Danville	Yell	327	11								5.98	+2.45	2.60	0.0	7	5	18	8	e.	C P. Evans
Dardanelle	Yell	330	41	77.1	−2.9	97	13	57	20†	27	6.84	+3.11	2.03	0.0	12	8	20	3	se.	G N. Goodier, Jr.
Dumas	Desha	162	21	79.4	−1.2	102	14	55	26	30	9.07	+5.11	2.97	0.0	12	5	15	11	s.	Ben Johnson.
Dutton	Madison	1590	24	70.5	−4.2	89	8	43	21	35	4.38	−0.07	1.61	0.0	10	9	17	5	s.	J. M Ricketts
El Dorado	Union	270	26	80.8	−0.3	101	16	58	26	31	2.90	−0.42	0.85	0.0	9	3	19	9	w.	J. J. Babb
England	Lonoke	229	20	78.5[e]	−1.8	96[e]	23	52[e]	28	34[e]	7.71	+3.11	2.70	0.0	13	9[e]	8[e]	9[e]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	73.3	−4.7	90	7†	52	21	30	5.50	+0.38	1.37	0.0	14	4	18	9	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	73.6	−4.0	91	15	51	21	31	6.83	+2.62	1.89	0.0	13	14	16	1	s.	University of Arkansas
Fort Smith	Sebastian	457	46	77.2	−3.3	97	16	58	21	27	4.95	+1.27	1.79	0.0	12	9	11	11	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								5.41		1.96	0.0	13	15	7	9	ne.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								4.16	+1.24	2.57	0.0	6	20	6	5		T. J. Logan
Georgetown	White	200	15								8.52	+4.30	2.12	0.0	13	14	2	15	s.	W. R Owens.
Gilbert	Searcy	675	4								8.08		2.38	0.0	13	7	11	13		Ben F. Batteufield
Gravette	Benton	1250	30	73.4	−3.8	91	7†	52	21	28	8.51	+4.53	2.93	0.0	11	12	13	6	sw.	A. F. Stevens
Harrison	Boone	1052	26	74.6		100	14	49	21†	39	8.33	+4.61	3.92	0.0	12	12	11	8		G. L. Wright
Helena	Phillips	193	55	79.0	−1.6	99	8	54	27	33	4.40	+0.56	1.20	0.0	15	7	9	15	n.	James A. Burnett
Higden	Cleburne	445	9								12.73		3.59	0.0	13	7	17	7	w.	Geo. W Baker
Hope	Hempstead	377	56	82.0	+0.6	104	14	55	20	27	3.18	−0.42	2.65	0.0	3	24	1	6	s.	N. P. O' Neal
Hot Springs	Garland	600	34	79.5	−0.9	102	6	56	21†	33	6.70	+2.80	1.56	0.0	8	20	5	6		G. C. Bolton
Index	Little River	275	2								1.17		0.50	0.0	5	18	1	12		H. D Sanderson
Jessieville	Garland	750	1								7.50		1.50	0.0	10	17	5	9	sw.	George Casey
Jonesboro	Craighead	345	32	75.2	−4.7	93	8	54	29	31	6.98	+3.44	2.82	0.0	10	26	2	3	se.	Benedictine Sisters
Junction ‡‡	Union	182	33																	J. A. Lowderback.
Little Rock	Pulaski	357	48	76.6	−3.2	93	8	60	28	23	8.81	+5.16	1.73	0.0	15	10	9	12	s	U. S. Weather Bureau
Lurton	Newton	2100	2	70.6		87	13	55	21†	25	5.62		2.13	0.6	16	15	6	10	n.	I. C. Sutton
Lutherville ‡‡	Johnson	775	29	75.0	−3.8	97	8	55	21	27	6.99	+2.82	2.65	0.0	8	14	8	9	e.	H. G. Lenhardt
Magnolia	Columbia	315	8	79.8		98	1†	58	21	30	4.93		2.30	0.0	5	8	16	7	sw.	State Agri. School
Malvern	Hot Springs	277	40	78.6	−1.1	98	8†	53	26	32	4.42	+0.77	1.60	0.0	14	17	9	5	s.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	22	72.8	−4.4	91	6†	49	27	31	3.46	−0.98	1.08	0.0	12	10	6	15	nw.	E. C. Bellamy
Marianna	Lee	235	15	76.6	+2.8	94	7†	54	27	26	6.11	+3.50	1.29	0.0	13	12	16	3	s.	C. N. Houck
Marked Tree	Poinsett	229	22	73.0		92	12	52	26	29	4.55	+0.58	1.24	0.0	10	11	16	4	se.	Charles Walton
Marshall	Searcy	1070	13	73.6	−5.1	92	13	50	26†	27	9.30	+4.50	1.80	0.0	14	10	10	11	s.	A. J. Park
Mena	Polk	1185	39	77.2	−2.2	97	16	54	21	32	1.78	−3.12	0.90	0.0	7	19	7	5	ne.	E. W. St. John
Morrilton	Conway	347	6	77.5		93	8†	57	27	33	8.30		2.61	0.0	9	11	12	8	se.	John Cook
Mountain Home	Baxter	800	13	73.8	−4.0	94	13	51	25†	34	7.66	+3.76	2.15	0.0	11	6	5	20	w.	B. S. Halbert
Mount Ida	Montgomery	650	28	77.2	−2.1	100	16	50	26	37	4.12	+0.39	1.96	0.0	4	13	11	7	sw.	G. A. Whittington
Newport	Jackson	231	43	77.2	−2.6	97	13	55	25†	30	6.30	+2.82	2.32	0.0	13	10	19	2	n.	A. C. Wilkerson
Oden	Montgomery	800	1								4.83		1.89	0.0	12	9	14	8	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	75.8[a]	−3.2	98[a]	12†	54[a]	21	31[a]	9.57	+6.74	4.00	0.0	8	15[a]	2[a]	13[a]	n.	June Thomason
Ozark	Franklin	396	31	76.5	−5.0	97	8	55	21	31	7.80	+3.74	3.33	0.0	9	18	3	10	se.	Isham Burrow
Paragould	Clay	301	1								3.49		0.82	0.0	9	16[c]	9[c]	3[c]		W. K. Heagler
Patterson	Woodruff	196	11								5.45	+2.72	1.23	0.0	12	15	5	11	s.	W. E Baker
Pindall	Searcy	1500	5								6.84		2.63	0.0	12	4	12	15	se.	W. W. Wood
Pine Bluff	Jefferson	215	40	80.4	−1.0	100	7†	57	27	32	3.46	+0.12	0.75	0.0	11	15	7	9	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	34	75.6	−5.4	93	1†	53	25	35	7.45	+2.87	2.02	0.0	9	7	16	8	n.	Benedicitine Sisters
Portland	Ashley	122	21	80.2	−0.9	101	17	54	26†	36	2.81	−1.16	1.70	0.0	4	2	22	7	w.	W. E. Edmiston
Prescott	Nevada	329	39	79.7	−1.5	101	16	57	20†	31	4.70	+1.32	1.62	0.0	7	16	3	12	e.	C. D Calhoun
Princeton	Dallas	287	21								2.52	−0.82	1.20	0.0	5	20	0	11		Mrs. F. P. Coleman
Rison	Cleveland	243	26	79.3	−1.7	100	8	54	26	30	2.51	−0.86	1.18	0.0	5	0	11	20	nw.	Mrs M. V. Tisdal
Rogers	Benton	1385	36	73.0	−4.0	91	7†	50	21	32	6.89	+3.23	1.95	0.0	15	10	11	10	s.	Carl A. Starck
Searcy	White	236	18	76.3	−3.6	95	14	53	27	28	8.05	+4.82	1.70	0.0	14	18	0	13	s.	J. T. Bell
Springbank ‡‡	Miller	240	20								4.27	+0.08	2.22	0.0	5	24	0	7		Miss Grace Field
Story	Montgomery	700	3								3.81		1.26	0.0	8	13	8	10	s.	S. C. Story
Stuttgart	Arkansas	228	40	76.8	−3.5	95	7†	52	27	29	5.46	+1.88	1.54	0.0	11	14	13	4	ne.	Adam F Buerkle
Subiaco	Logan	1050	30	76.7	−4.1	97	7†	55	21†	30	8.80	+4.92	5.20	0.0	12	10	11	10	s	New Subiaco Abbey
Texarkana	Miller	332	41	82.0	+0.1	105	1	58	20	38	2.78	−0.42	1.18	0.0	6	15	10	6	s.	H S. Brashear
Thornburg	Perry	650	3	75.1		96	8	46	26	41	9.62		3.93	0.0	15	10	15	8	sw.	Edward E. Holmes
Waldron	Scott	675	8								4.45		1.41	0.0	9	10	5	16	nw.	Dr. Cheves Bevill
Warren	Bradley	206	33	79.5	−1.6	98	2	56	25†	31	2.06	−2.13	0.55	0.0	6	11	14	6	s.	W. L Shide
Waters	Montgomery	800	3								2.33		0.98	0.0	3	14	11	6	sw	J. R. Huddleston.
Whitecliffs	Little River	290	23								0.84	−2.57	0.84	0.0	1	16	6	9	sw.	Nannie O. Schirmer
Wilson	Mississippi	237	2	74.3		92	13	49	26†	32	4.82		1.09	0.0	10	20	6	5	nw.	M. W. H. Collins
Wynne	Cross	250	19	77.0	−2.8	97	8	50	27	34	4.57	+0.59	2.00	0.0	10	13	6	12	s.	E. O. Allen
Yancopin	Desha	167	3								8.48		1.69	0.0	15	12	6	13		W. E. Barton
State Means and Extremes				76.6	−3.1	105	1	43	21	41	6.01	+2.32	5.20	0.0	10	12	10	9	s	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means T. Less than 0 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡P office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R.F.D., Junction City, Ark.: Lutherville R.F.D. No 1 Lamar, Ark.: Springbank, Doddridge, A

Daily River Stages for August, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.2	13.2	14.0	14.6	17.2	20.5	21.3	19.3	19.2	19.9	20.3	20.3	19.5	18.4	15.5	13.5	14.3	17.1	18.3	19.3	20.2	19.7	17.7	15.3	14.8	13.6	13.0	12.3	15.6	15.2	15
Dardanelle	do	20	8.7	10.6	11.1	11.9	15.2	16.7	19.7	20.0	19.6	19.4	19.7	19.9	19.6	17.8	16.5	14.3	12.1	12.1	14.9	16.5	17.4	18.4	17.6	15.7	14.2	12.5	11.4	11.3	11.3	13.0	13
Little Rock	do	23	4.5	6.6	9.9	10.7	11.8	14.4	16.3	18.2	18.8	18.7	18.6	18.8	19.0	18.7	17.8	16.6	14.8	12.4	12.0	14.4	15.6	16.5	17.4	16.5	15.0	13.8	12.3	10.9	10.4	11.2	12
Pine Bluff	do	25	8.9	8.7	10.7	13.8	14.8	16.2	17.8	19.7	21.1	21.4	21.3	21.3	21.6	21.6	21.3	20.4	19.4	17.4	15.6	16.2	17.8	18.7	19.5	20.0	19.9	17.8	16.7	15.8	14.4	14.0	15
Yancopin	do	29	15.5	14.4	13.9	16.1	19.0	20.8	22.0	23.5	24.7	25.5	25.8	25.9	25.9	26.1	26.2	26.2	26.0	25.5	24.6	23.9	24.4	25.4	25.8	26.3	26.6	26.4	25.6	24.9	23.9	23.0	22
Dunville	Petit Jean	20	1.4	3.8	4.5	3.8	3.8	4.9	5.4	4.4	6.7	17.4	20.2	20.0	15.7	12.1	8.7	9.5	8.2	7.6	6.4	6.3	5.4	5.2	4.6	4.6	4.3	4.1	3.8	3.8	17.6	18.7	16

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	7.5	7.8	11.9	9 1	8.5	9.7	8.4	6.9	10.0	9.6	8.7	9.7	7.3	7.4	8 8	11.2	14.0	24.5	19.9	16.3	13.5	9.3	7.5	6.5	5.8	5.4	5.0	4.6	4.4	4.3	3.9
Batesville	...do	23	14.8	12.9	16.7	17.7	15.9	16.0	16.0	14.1	17.0	16.8	15.7	16.2	15.0	13.8	15.0	17.8	21.5	27.3	29.3	25.9	22.6	18.5	15.6	13.	12.3	11.5	11.0	10.5	10.2	10.5	9.8
Newport	...do	26	13.5	13.8	13.2	16.8	17.5	17.1	17.2	16.8	16.9	18.7	18.9	18.4	18.4	17.3	16.3	17.5	20.2	23.1	25.4	27.1	27.4	26.7	25 2	23.6	21.8	20.0	18.2	16.6	14.0	15.0	11.4
Dam No. 1	Little Red	...	2.2	2.8	3.0	3.0	5.0	7.4	11.0	8.9	9.1	13.7	11.8	9.0	6.8	4 9	4.0	5.4	8.6	17.0	13.0	7.2	5.8	5.5	5.2	4.8	4.6	4.1	4.2	4.0	3.8	7.0	5.0
Georgetown	White	22	10.0	13.0	14.7	15.8	16.3	16.7	17 5	18.1	18.3	18.7	19.3	19.5	19.4	19.4	19.4	19.4	19.7	20.1	20.6	20 8	21.0	21.6	21.9	22.0	21.9	21.7	21.2	20.9	20.6	20.4	19 8
Clarendon	...do	30	15.6	15.7	16.9	18.1	19.0	19.7	20.6	21.1	21 6	22.1	22.5	22.8	23.2	23 5	24.0	24.4	24.5	25.1	25.2	25.4	25.5	25.7	25.9	26.2	26.5	26.8	27.1	27.4	27.6	27.9	27.9
Gilbert	Buffalo	30	6.2	4.9	5.5	5.6	7.4	7.6	6.5	5.4	6 9	5.8	5 8	5.6	5.5	5.3	5.2	5.1	5.9	8.5	8 0	6.2	5.4	5.0	4 9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	3.2
Corning	Black	11	9.1	8.9	8.4	8 2	8 5	8.7	8.6	8.4	8.4	8.6	8.7	8.6	8.3	8.3	10.0	11.3	11.9	12.1	12.0	11.6	11.1	10.5	9 9	9.3	8.9	8.6	8 3	8.1	7.9	7.8	7.7
Black Rock	...do	14	7.8	6.9	6.2	6.4	6.4	6.1	5.9	7.3	8.0	8.0	8.5	9.5	9.0	8.3	10.5	11.7	12.8	14.2	15.6	14.6	14.3	14.5	13.7	13.3	12.9	12.0	11.0	9.8	8.5	7.5	6.9	6.0
Patterson	Cache	9	4.7	4.8	4.9	5.0	5.1	5.4	5.9	8.5	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	7.9	7.9	7.9	7.9	8.2	8.2	8.1	7.9	7 8	7.4	7.0	6.7
Arkadelphia	Ouachita	18	0.7	0.7	0.7	0.7	2 4	1.6	1.2	1.0	0.7	0.7	2.6	2.5	1.3	0.8	0.0	0 0	-0 1	-0 3	-0 4	-0 4	-0 6	-0 6	-0 7	-0 7	-0 7	-0 7	-0 7	-0 7	1.2	0 8	0.0
Camden	...do	30	4.8	4.7	5.0	5.0	5.3	6.6	7.4	8.3	7.2	6.9	6.5	6.2	8.0	7.7	7.0	5.7	5.0	5.0	4 5	4.2	4.2	4 2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	4.2	5.1
Fulton	Red	28	10.0	9.6	14.6	16.0	14.9	13 5	13.5	12.3	11.9	11.4	11.0	10.9	10.8	11.5	11.3	11.0	10.3	9 7	9.4	9.3	9.3	9.3	9.1	9.4	9.5	9 3	8.9	8.6	8.5	8.1	8.3
Springbank	...do	37	14.0	13.6	13.6	16.2	19.2	19.2	18.2	16.6	16.4	15.9	15.7	15.3	14 7	14.4	14.2	13.6	14.5	14.0	13.5	13.2	13.0	12.7	12.5	12.3	12.3	12.5	12.2	12.0	11.8	11.6	11.4
Whitecliffs	Little	28	1.0	1.0	1.5	4.1	3.6	3.7	2.7	2.1	2.0	1.8	1.7	1.8	1.6	1.4	1 4	1.4	1.4	1.2	1.0	1.0	0.8	0.6	0.8	0.6	0 6	0 6	0.6	0 6	0 6	0.6	0.6
Marked Tree	St. Francis	17	6.2	6.2	6.2	6.3	6.4	6.4	6.4	6.4	6.5	6.8	6.6	6.8	6.8	6.7	6.6	6.4	5.3	6 3	6.3	6.3	6.3	6.4	6.5	6.6	6.7	6.7	6.7	6.7	6.6	6.5	6.2
Helena	Mississippi	44	18.1	18.2	17.8	17.3	16.7	16.1	15.8	15.5	16.2	16.6	17.0	17.2	17.4	17.6	17.8	18.0	18.7	20.0	21.2	22.1	22.6	22.6	22.3	22.0	21.5	21.1	20.6	19.9	19.1	18 4	17.6
Arkansas City	do	48	20.8	21.3	22.2	21.8	21.7	22 1	22.6	22.8	23.4	24.1	25.0	25.8	26.9	27.3	26 8	26.8	27.0	27.4	27.7	28.3	28.9	29.4	29.8	30.3	30.8	31.2	30.2	29.5	29.0	28.1	27 2

Daily Precipitation for August, 1927

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita					.32				.62																			.99				1.93
Arkadelphia	Ouachita	.13	.10	.24		.09	.80		1.27	.95		1.07					.63	.20											.96	.77			5.41
Arkansas City	Mississippi				.71	.51	.80					.58			.90	1.46	.73													2.02	.60	7.41
Arlberg	White		1 74		.75	1.72	.10			.92	.33		T.		.04	2.12	.12	1.76	T.										1.80				10.45
Batesville	White			.16	.06	.01	.18		.96	2.24						2.70	T.	.71	.10										1.22	.71			9.84
Bee Branch	Arkansas		.07		.80	.50	.12			1.16	T.			.06								.09				T	.66		.01			6.22
Bentonville ***	Arkansas	.48	.02	2.26		.01	T.	.04	.02	.06	.08				.14	.14	1.96	.78	.01				1.08						.05	.37			7.77
Black Rock	White	.23		.41	.31	.02			1.90	.21					.75		T.	1.55											.28				5.66
Blytheville	Mississippi			.29					1.48	1.67						47		.10	.30	.93													5.24
Booneville	Arkansas		.42	T.		.90				4.56	.71							.37										12	2.83	T.			9.96
Brinkley	White			.31	.52	.02	.04	2 00		.70		.28				.58	1.05													1.22	T.			6 85
Calico Rock	White		.03	1.55	1.35	.61	.07	T.		.61	T.	.02			.01	.89	1.68	.75	.03	.01														8.85
Camden	Ouachita			.02			2.55			.05	.29					.02		.03											.20	.56	.02		3.69
Center Point	Red		.05			.75				.44		.17			.26	2.25	.05	1.03		.02				.01										1.65
Clarendon	White				.05	.58	.09	2 05		.48		.21				3.00	.50	.32											.19					8.58
Clinton	White			.91	.44	1.08	3.57		1.19	.05						T.													T.	T.			12.27
Cold Springs	Arkansas		.15			1.61			1.07	T.	.06				.19		.92	.59	.06														6.59
Conway	Arkansas		1. 16		1.90	.73	.07				.11	.31				.92	.59	.06															5.84
Corning	White			.04	.26				.51	.48						2.02		.28	.21	.31													4.69
Dam No. 1	White		1.80	.23		.75	.58		1 77	.67	T.				.82	T.	2.21												.35	1.20			10.38
Danville	Arkansas			.55		T.	.30			2.60		.90				T.	T.												.90	.35			5.98
Dardanelle	Arkansas		.30	2.08		.63	.16			1.53	.10	.75			T.		T.	.20	.10										.76	.16			6.84
Dumas	Mississippi		.90		.38	2.47	.18	.07		.06	.78				T.	.88	.31												.10	2.97	.14		9.07
Dutton	White		T.		.61	1 61	.06		T.	.18	.31					.15		.69											.96	.03			4.58
El Dorado	Ouachita		.35			.01	.44	.27		.31	.07																		.10	.49	T.	.86	2 90
England	Arkansas			T.		2 16	.27			.38	.04	.38		T.	.06	1.03	.09	.22						.03					31	2.70	.01		7.71
Eureka Springs	White	.40	.02	1.29	.05	.40	.02	.02			.10				10		.04	.98	.02										.69				5.50
Fayetteville	White	.12	.05	.55	.56		.05		T.	.06	1.38		T.		16	.82	T.	1.39	T.					1.37				.03	.90				6.82
Fort Smith ***	Arkansas		.47	.33	.07	.19	T.		1.70	.09	.82					.04	T.	.26	.03					.26									4.96
Freeman Sprgs.	Arkansas			.09	1.96	.63	.06			1.07	.03	.08						.18						.16		T.	41	47	.04				5.11
Fulton	Red		2.57			.07		.10		.65	.07		T.			2.66	08	2.12						.15				.27	.68	T.			6.99
Georgetown	White			.04	.28	.06	.14	1.95		.54	.40	.16			T.	.05	.45	.15	2.15	.02													4.16
Gilbert	White		T	2 38	.15	.12	1.43	T		.98	.04	.06				.07		2.12	.09					.83				.03	.98				8.52
Gravette	Arkansas	.34	.08	2.93					.13		.14				.80	1 79	.28	3.92						.15						.17	.58			8.08
Harrison	White	.08		.18	.24	.57				.44		.82			.04														.03	.02	1.20			6.51
Helena	Mississippi		.06		.04	.04		.51	.30	.22	08	.94				.50	.10	.29	.10	.06				T					.05	3.59			8.33
Higden	White		1.40		.71	1.24	1.04			2.65	.09	.02		.05	T	.34	.46	1.10	T.										.03				4.40
Hope	Red	T.	2 65		T.		.31																			T.	.22					12.74
Hot Springs	Ouachita	.40	1.15	.56	1.56				.58			1.56				T.								T					.86	.03			3.18
Huttig	Ouachita																																6.70
Index	Red		.50																										.44		.02		1.17
Jessieville	Ouachita	1.00	.10		.30	.40			1.25	70	1.50						.60							.15				.15					7.50
Jonesboro	White			.29	1.71	.20				2.82					.36	28	.16	.82	.03									1.50					6.98
Little Rock ***	Arkansas	.41	T.	1.73	T.	1.38	.01		48	.16	11	.69			.03	1.60	43	.30						.94					.28				8.81
Lurton	White	.01	.02		2.13	12	.02		.02	.62	.12	.01		.05		11		.05		.01				.56				.47	.07	T.			5.62
Lutherville	Arkansas		T.		2.65	.27				1.86	.16	.37				.30	T.	.37										.83	.04	T.			6.99
Magnolia	White					2.30	05																					1.01					7.85
Malvern	Red	.30				.20	.12	02		.44	.05	1.60					26	.50										2.20					6.90
Mammoth Spg.	Ouachita	.03	.03							.04					1.08	T.	11	1.06										.20	.55	.03			1.78
Marianna	White		.16	.20	.04	.04		.40	.24	.04		1.03				.37	.10	.40						.06					.03				3 46
Marked Tree	Mississippi	.45	.88	.14	.02		1.29		.13	.15						.12	.10	.47	.21	.11					.08				.82				6 11
Marshall	Mississippi			.43	1.24	.40				1.00						.12	.10	.47											T.	.47			4.55
Mena	White	.08	1.25	.15	1.05	1 10	.03		.07	1.29	.13	.05				1.80	.70	1.50						10					T.	T.			9 30
Morrillton	Ouachita			T.			.90			.04								.01										.05	.70	.07	.01		1.78
Mountain Home	White		.45		2.61	.43				2.10		16			.33	1.10								.10					.72				8.30
Mount Ida	Ouachita		1.05	.15	.19			T.	1.05		.10				28	.25	.80	2.15						.28					1.36	T			7.66
Newport	White		18							1.70	.30																	1.96					4.12
Oden	Ouachita			.33	14	.04	.16	.05	.17	2.32					.18	.37		1.34		.19				.02				.03	1.89	.02			6.30
Osceola	White		.03		.98	.22	.24			1.17	.04				.14			.05											T.				4.83
Ozark	Ouachita			.46	1.80				1.80	4.09					.10		.10	.36	.95									1.07					9.57
Paragould	Mississippi		.26		1.22	1.05				3 33	.17	.22						.33						.15				T.		T.	.07		7.80
Patterson	Arkansas	.01		.02	.53				.70	.40					.82			.53	T.	.41										.66	.21		3.49
Pindall	White			.74	.15		.11	.31		.65		.05			.06	1 23	.05	1.22															5.45
Pine Bluff	Arkansas	.17	.12	.07	.60	.25			1.95		.10				.07	.13	.67	2.63						.12					.13				6.84
Pocahontas	White			T.	T.	.52	.33			.16	.14	.75			.08		.03	.57											.70	.01			3.16
Portland	Ouachita		.16	.50	.65			1.05	.48	.70								2.02	.12														7.43
Prescott	Ouachita		.77	T.				.22							1 75														.12	1.70			2.81
Princeton	Ouachita		1.62			1.60				.13	.15						T.												.80	.41	.02		4.70
Rison	Ouachita	.35								.40	.30	1.20																					2.52
Rogers	Arkansas	.22	.02	1.33		.52	.03		.32		.22				.45	.04	.07	1.95	.01					.27	T.				.65					2.51
Searcy	White			.62	.28	.22	60	.26		.75	1.70	.02			.05	.74	.04	.95						.98				T.	.61	.12				6.89
Springbank	Red		2.22				T.				1.30	T.	.40				.22													1.00	.82			8.05
Story	Ouachita	.16	.06							1.26	.49	.16																	.98	.48			4.27
Stuttgart	Arkansas		.07			.37	.78		.35		11				.28	1.54		.16	.01					.16					.63	1.16			3.81
Subiaco	Arkansas		.25	.03	.37	.10	.01			5 20	1.32	.12		T.					.08						.40	.10			1 15	.01			5.45
Texarkana	Red		.60				T.			.12	1.18						.91	.17	.02								T.	.89	.03				8.80
Thornburg	Arkansas		.32	.47	3 98	.87	.03		.15	.69	.10	.97						.28		.05				.02					.38				2.78
Waldron	Arkansas		.19			.64					1.41	.54						.07						.44				.34	.56				9.62
Warren	Ouachita	.40								.22	T.		.55	T.	.40													.42	T.				4.45
Waters	Ouahita					.38				.97																		.98					2.06
Whitecliffs	Red			.84											.08		.20	.32	.40										T.				2.33
Wilson	Mississippi			.81	1.09	.41			.50	.84		.43				.40		2.00	.09	T.									.10	.51				0.84
Wynne	Mississippi				.70	.25		.04	.05						.01	T.		1.69		.06									.07	.98	.66	.07		4.82
Yancopin	Arkansas				1.01	.11	.34	1.05	.50	.41	T.	1.05	.47																					4.57

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‖ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measurement.

Daily Temperatures for August, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	94	96	96	100	101	100	100	102	93	91	98	102	100	103	101	96	98	94	96	100	94	95	95	88	79	86	78	76	74	88	83	93.5
	Minimum	63	70	68	70	70	70	72	76	70	73	70	72	70	75	70	64	68	60	66	68	57	60	63	71	62	55	55	58	60	68	70	66.6
Batesville§§	Maximum	89	84	80	81	84	87	86	91	79	86	90	90	90	88	88	85	83	85	79	82	81	86	86	79	80	80	81	80	74	80	88	83.9
	Minimum	66	66	69	67	62	68	71	74	70	67	69	68	70	70	69	72	69	61	62	51	57	58	61	63	52	51	50	55	63	64	62	63.8
Bentonville	Maximum	88	82	76	83	86	85	91	89	78	79	86	88	89	90	85	90	80	75	74	76	79	85	80	76	78	75	68	68	77	80	82	81.2
	Minimum	67	68	66	67	68	69	74	70	68	67	66	67	72	69	70	67	65	61	59	56	53	57	62	59	61	57	58	56	64	66	61	64.2
Bee Branch	Maximum	92	86	89	87	79	87	92	94	92	84	92	92	91	93	92	90	87	85	81	84	84	88	86	81	79	78	77	75	76	77	86	85.7
	Minimum	69	70	71	67	71	72	70	74	69	68	68	68	71	73	70	72	67	61	61	56	56	59	61	63	55	53	52	61	63	67	62	65.2
Blytheville	Maximum	95	91	77	82	90	92	88	94	88	89	92	95	95	90	93	92	84	86	80	80	84	86	89	79	83	82	84	..	..	90	94	87.7
	Minimum	71	68	63	63	63	65	70	73	71	70	72	69	70	71	71	70	69	63	62	56	54	55	65	59	56	54	52	..	..	57	64	64 3
Booneville	Maximum	91	86	94	94	89	90	95	98	93	83	90	94	91	95	96	97	93	84	81	88	85	91	86	83	79	80	73	75	78	84	87	87.8
	Minimum	71	70	70	74	70	71	75	74	70	72	70	70	74	73	72	73	69	62	60	51	53	60	66	67	65	56	58	59	64	67	68	66.9
Brinkley	Maximum	94	93	89	85	84	88	93	95	93	87	91	93	93	92	90	89	87	87	80	81	83	85	87	80	81	81	81	80	79	82	88	86.8
	Minimum	71	70	70	71	70	71	72	74	70	70	72	69	72	76	72	73	70	65	65	57	55	56	59	66	54	53	50	64	61	63	68	66 1
Calico Rock§§	Maximum	88	80	79	81	84	93	89	95	83	85	92	93	93	90	86	87	86	87	81	85	84	92	84	80	82	81	80	83	76	84	88	85.5
	Minimum	69	69	70	66	66	68	73	73	71	70	70	68	69	70	72	70	69	63	60	57	59	58	61	62	54	53	52	56	63	65	65	64.9
Camden§§	Maximum	95	90	94	97	95	93	95	95	91	89	92	95	95	97	97	99	93	92	84	85	88	91	93	87	82	87	81	77	78	95	90	90.7
	Minimum	72	69	72	72	73	70	72	73	72	72	72	71	73	75	73	72	73	62	62	55	56	57	60	62	60	55	55	57	61	64	70	66.5
Center Point	Maximum	98	93	96	98	97	95	98	98	91	93	97	94	96	101	102	104	96	95	87	89	92	93	94	90	81	87	79	86	81	98	92	93.3
	Minimum	75	71	73	75	73	72	74	75	72	73	71	70	74	75	76	74	73	63	61	58	63	65	69	70	65	60	64	62	65	69	72	69.4
Conway	Maximum	94	89	91	89	80	91	93	95	85	87	91	95	93	94	91	91	84	87	81	82	85	88	89	80	82	82	78	70	81	78	88	86.6
	Minimum	72	73	72	70	72	73	73	75	70	70	71	71	71	76	72	73	71	65	65	59	60	63	64	66	58	55	55	63	64	68	67	67.6
Corning	Maximum	89	87	77	80	89	91	84	89	84	87	90	90	88	87	90	85	83	83	78	80	81	84	85	78	81	82	82	85	85	87	91	84.9
	Minimum	70	67	61	66	64	71	72	67	71	67	67	71	72	68	71	68	68	63	62	56	55	57	61	57	51	52	50	57	68	68	62	63.9
Dardanelle	Maximum	92	91	92	88	86	92	93	92	87	83	87	92	97	90	92	92	88	88	80	84	83	87	84	80	80	79	76	72	80	77	86	86.1
	Minimum	73	72	65	65	75	73	75	77	70	73	71	71	75	76	72	76	70	64	63	57	58	65	67	68	64	57	59	61	63	69	67	68.1
Dumas	Maximum	96	94	95	95	84	92	94	98	92	94	94	100	100	102	100	100	95	91	84	84	87	89	92	80	84	85	83	73	77	84	90	90.6
	Minimum	72	75	72	74	74	70	71	75	71	70	69	73	73	73	72	75	75	68	67	59	58	59	62	69	58	55	59	62	65	65	72	68.1
Dutton	Maximum	84	80	88	84	84	86	88	89	79	78	84	85	87	85	86	86	81	78	74	76	78	83	83	79	77	75	67	64	77	81	83	80.9
	Minimum	62	62	65	68	68	65	68	70	66	66	60	61	67	65	66	89	64	57	57	57	43	50	50	58	53	49	50	54	57	60	55	60.1
El Dorado	Maximum	94	92	94	97	94	95	95	97	93	92	94	94	95	98	98	101	97	94	90	86	89	92	93	89	84	89	82	79	82	94	89	92.0
	Minimum	75	72	75	76	75	73	73	75	72	73	71	74	75	77	77	75	77	68	65	60	61	61	64	71	63	58	61	62	59	70	70	69 7
England	Maximum	95	90	92	..	90	88	95	95	92	88	93	94	93	93	93	93	88	89	82	83	85	89	96	..	..	..	..	83	81	81	90	88.9
	Minimum	72	70	72	..	70	73	72	76	70	70	70	70	73	76	71	75	70	65	64	57	58	60	62	..	..	..	..	52	64	70	70	68 1
Eureka Springs	Maximum	88	83	79	84	85	86	90	89	79	79	90	88	89	89	86	90	83	79	77	78	82	86	81	78	82	80	70	71	81	82	87	82.9
	Minimum	67	66	67	67	68	69	69	69	67	67	65	66	74	68	67	69	67	62	58	55	52	57	65	58	60	53	56	56	63	66	61	63 7
Fayetteville	Maximum	84	84	84	83	88	84	82	88	87	82	89	89	88	87	91	88	85	78	75	78	80	85	86	79	80	77	71	75	81	80	87	83.1
	Minimum	67	68	66	68	67	68	73	74	68	68	63	67	73	76	64	67	65	62	58	53	51	54	65	59	61	55	56	67	57	66	60	64.1
Fort Smith	Maximum	89	79	88	86	94	88	96	96	85	81	89	95	92	96	91	97	86	82	78	81	83	90	84	82	76	77	68	70	77	83	86	85.3
	Minimum	74	72	72	73	74	73	76	69	71	73	70	73	75	77	75	75	69	67	64	61	58	64	69	68	66	62	59	59	65	68	69	69.0
Gravette	Maximum	88	86	87	85	87	84	91	89	87	80	87	90	89	91	85	91	86	75	75	76	80	86	78	78	77	72	67	68	78	81	84	82.5
	Minimum	66	69	64	65	68	68	71	71	61	67	62	68	72	68	69	68	67	62	58	53	52	68	65	58	62	62	57	65	62	66	61	64.4
Harrison	Maximum	91	86	85	91	80	96	96	97	87	79	95	96	98	100	90	87	87	82	82	85	88	93	85	83	86	84	76	81	78	86	91	87.8
	Minimum	65	64	65	65	65	68	69	67	68	67	64	63	71	68	62	66	66	57	54	52	49	56	61	60	51	49	50	58	60	67	59	61.5
Helena	Maximum	92	95	96	90	86	86	97	99	90	93	93	96	97	96	96	64	94	90	83	84	85	89	92	89	84	83	85	84	81	86	93	90.8
	Minimum	72	72	72	75	72	71	72	73	70	72	72	70	72	76	74	74	71	70	67	58	56	56	60	68	57	57	54	63	62	68	72	67.7
Hope	Maximum	101	94	98	99	102	98	101	101	93	95	97	95	99	104	103	103	97	97	95	92	93	96	97	90	83	88	79	89	84	100	92	95.3
	Minimum	74	70	73	76	75	72	74	76	71	71	72	72	75	76	72	73	75	62	63	55	60	60	65	70	62	56	60	60	64	70	73	68.6
Hot Springs	Maximum	96	93	97	99	98	102	100	99	92	84	89	95	97	101	99	100	92	91	89	90	89	92	90	86	84	82	82	79	77	82	89	91.5
	Minimum	78	73	70	71	70	88	84	82	61	61	62	69	71	72	70	79	79	62	59	62	56	60	62	61	70	62	63	59	60	62	56	67.5
Jonesboro	Maximum	90	88	75	76	86	89	83	93	92	88	90	91	92	86	87	87	85	85	78	78	80	84	86	88	80	77	77	82	88	85	89	85.0
	Minimum	72	70	64	66	64	65	74	74	70	70	71	72	69	69	68	71	68	65	66	58	55	57	60	61	62	61	55	57	54	67	69	65.3
Little Rock	Maximum	93	87	89	88	79	85	93	93	82	86	89	91	93	92	92	88	82	87	78	80	81	86	87	79	80	79	77	68	79	78	87	84.8
	Minimum	72	74	72	71	69	72	72	70	70	71	71	73	73	76	71	74	71	69	64	62	64	65	67	63	61	62	62	60	64	70	70	68.5
Lurton	Maximum	81	79	81	81	72	85	86	86	76	75	84	83	87	85	84	81	78	78	71	75	76	82	76	74	76	75	68	62	72	77	82	78.3
	Minimum	69	68	67	66	69	66	70	65	67	66	64	66	69	67	66	70	63	59	57	56	55	57	63	59	56	56	56	55	55	64	63	62.9
Lutherville	Maximum	87	82	90	86	81	92	92	97	83	82	88	90	94	93	89	91	83	82	78	80	82	86	80	79	78	77	73	67	78	79	85	84.0
	Minimum	70	70	70	70	73	71	74	75	69	70	68	69	73	74	71	73	60	63	60	56	55	60	64	65	60	57	57	60	62	66	65	66 1
Magnolia	Maximum	98	92	94	95	97	95	94	97	92	88	91	92	94	96	97	98	92	92	86	88	87	91	92	87	82	87	82	83	80	93	88	91.0
	Minimum	74	70	73	74	73	72	72	75	73	71	74	70	74	75	74	74	74	64	60	59	58	61	64	71	63	59	60	60	64	69	71	68.5
Malvern	Maximum	94	92	96	92	89	90	97	98	92	92	94	95	95	98	96	96	89	91	91	86	88	91	91	86	89	83	78	72	78	81	91	90.0
	Minimum	72	70	71	74	73	70	71	75	70	73	68	70	72	75	73	72	74	63	64	56	58	59	61	69	59	53	55	59	62	69	70	67.1
Mammoth Spg	Maximum	89	85	77	82	86	91	87	89	85	82	91	90	90	90	86	82	80	84	81	78	76	86	82	80	78	76	78	84	78	82	88	83.6
	Minimum	66	64	67	64	64	67	68	67	69	67	67	65	67	67	69	68	68	60	59	55	55	55	59	57	50	50	49	53	60	65	57	61.9
Marianna	Maximum	92	89	87	87	83	83	94	94	88	87	89	90	90	90	90	85	86	87	81	79	82	83	86	82	79	79	80	80	80	82	87	85.5
	Minimum	73	74	72	72	71	73	72	72	70	73	71	71	74	74	73	75	70	68	67	60	59	58	62	66	56	56	54	63	62	69	70	67.7
Marked Tree§§	Maximum	83	74	70	82	84	85	84	74	85	90	84	92	88	77	76	85	85	77	71	81	82	87	75	80	80	81	84	70	85	84	91	81.5
	Minimum	67	69	66	64	77	73	73	70	69	71	69	70	74	71	73	68	65	64	58	55	55	59	61	53	54	52	55	60	63	63	63	64.6
Marshall	Maximum	87	84	84	82	79	86	88	90	89	79	86	87	92	88	85	86	86	83	79	78	81	85	82	76	73	74	76	75	78	80	84	82.6
	Minimum	66	66	69	67	71	69	75	71	70	69	69	65	75	72	71	69	67	59	57	54	54	60	67	63	53	50	50	63	63	68	62	64 6
Mena	Maximum	87	81	92	91	87	88	94	95	87	87	91	93	92	96	95	97	90	84	80	84	86	91	84	84	78	83	74	82	81	86	87	87.3
	Minimum	71	69	70	72	71	69	74	74	70	70	67	68	73	74	72	71	71	61	63	56	54	61	65	68	63	60	60	57	66	67	70	67.0
Morrillton	Maximum	92	89	92	90	88	92	92	93	89	85	92	93	88	93	91	91	86	89	85	85	87	91	89	81	82	80	77	66	79	78	88	86.8
	Minimum	73	73	72	71	73	74	74	76	71	72	72	72	74	77	70	74	71	66	65	60	61	63	66	66	60	58	57	61	61	65	67	68.2
Mountain Home	Maximum	89	79	78	84	85	90	88	91	82	83	89	92	94	88	85	88	84	84	79	81	84	89	82	79	81	82	78	83	75	85	89	84.5
	Minimum	66	67	69	65	65	70	71	68	70	67	66	65	65	68	70	71	67	59	58	55	54	55	62	58	51	51	51	61	63	67	60	63.1
Mount Ida	Maximum	90	86	95	93	90	90	97	98	88	89	92	98	94	99	95	100	87	90	85	87	89	94	85	86	79	85	62	76	74	88	89	89.2
	Minimum	70	68	68	71	72	69	71	77	70	72	66	67	70	74	73	70	71	58	59	52	52	57	60	67	60	50	52	55	64	66	70	65.2
Newport	Maximum	91	90	79	80	88	87	89	94	90	92	94	95	97	93	91	89	89	90	83	85	86	88	89	83	85	85	84	85	75	84	92	87.8
	Minimum	70	70	70	68	67	71	74	73	71	69	71	70	73	75	72	74	69	65	63	59	59	60	63	64	55	56	55	63	65	68	65	66.7
Osceola	Maximum	90	91	92	75	79	88	86	90	91	89	91	93	90	93	91	89	87	87	77	81	82	86	89	78	81	83	86	89	74	89	..	86 2
	Minimum	71	75	70	69	64	65	71	68	71	70	72	70	73	71	73	72	69	65	63	57	54	56	61	64	55	56	55	58	63	64	..	65.5
Ozark	Maximum	92	86	90	90	88	88	95	97	85	83	90	92	93	93	94	96	89	87	82	85	85	89	83	82	80	88	64	62	73	76	81	85 7
	Minimum	72	74	71	71	73	72	75	74	68	72	67	68	70	75	74	76	65	64	61	58	55	62	69	67	65	57	61	59	59	66	66	67.3
Pine Bluff	Maximum	95	90	96	90	85	91	100	100	94	91	94	94	96	98	96	94	94	94	85	90	87	93	96	88	90	89	87	73	80	84	92	91.2
	Minimum	74	74	74	77	72	72	72	78	74	74	70	73	74	77	74	75	75	68	67	60	63	62	64	68	62	60	57	62	65	70	73	69.7
Pocahontas	Maximum	93	91	76	80	89	93	83	93	84	90	93	92	92	89	92	87	85	86	82	91	84	84	88	81	83	84	84	85	82	88	93	87.0
	Minimum	70	68	62	64	65	71	71	70	70	70	70	69	72	69	72	75	68	62	60	56	55	56	60	59	53	55	55	56	62	68	61	64.3
Portland	Maximum	96	95	96	98	90	97	99	99	93	93	96	99	98	100	98	100	101	93	89	87	90	91	97	87	86	85	85	77	80	87	89	92.6
	Minimum	73	70	74	73	76	72	71	74	74	73	72	70	72	74	75	73	73	70	67	58	55	55	58	71	59	54	54	60	64	69	70	67.8
Prescott	Maximum	96	92	93	97	94	95	96	97	92	94	94	95	96	98	99	101	94	93	87	88	89	91	92	87	88	86	84	82	78	90	92	91.9
	Minimum	74	71	69	72	76	71	72	73	72	72	74	73	71	73	75	74	72	65	63	57	59	60	63	65	61	60	57	60	61	63	64	67.5
Rison	Maximum	96	97	97	94	87	92	99	100	98	91	91	95	96	91	95	98	90	90	91	85	86	88	92	85	84	84	83	80	81	83	86	90.5
	Minimum	72	74	74	74	73	71	71	76	71	72	70	71	72	75	74	73	74	66	64	58	60	59	63	70	58	54	55	61	64	69	73	68.1
Rogers	Maximum	88	83	80	86	86	87	91	90	84	86	88	89	90	90	83	91	86	77	75	78	82	86	78	78	79	75	68	68	79	78	84	82.7
	Minimum	66	66	66	66	66	67	71	72	67	65	63	65	72	66	68	70	66	61	58	55	50	54	63	60	61	53	57	58	62	65	60	63 2
Searcy	Maximum	93	88	87	84	79	87	92	93	88	84	91	94	94	95	90	89	89	88	79	81	84	86	86	80	82	82	80	78	75	79	89	86.0
	Minimum	71	70	71	69	72	72	72	74	70	69	71	70	72	74	71	74	69	64	63	58	58	61	62	64	54	56	53	64	64	68	66	66.6
Stuttgart	Maximum	93	91	91	88	84	87	95	95	87	88	90	93	93	94	91	89	88	88	81	82	83	87	89	81	81	80	79	78	81	82	88	87.0
	Minimum	71	72	71	72	71	70	71	73	70	70	69	71	71	73	70	73	71	65	64	58	57	58	60	67	55	54	52	62	63	68	70	66.5
Subiaco	Maximum	89	84	92	89	89	90	97	97	91	83	89	92	95	94	94	96	87	86	82	83	84	90	81	83	79	81	73	70	79	84	88	86.8
	Minimum	71	72	70	72	72	71	73	76	69	70	68	69	73	73	71	73	69	64	62	57	55	60	65	66	62	55	56	58	61	66	66	66.6
Texarkana	Maximum	105	97	98	101	102	100	101	103	95	92	99	96	98	102	103	104	97	98	92	92	94	98	100	94	84	91	82	82	90	92	100	96.2
	Minimum	74	70	73	74	74	73	74	73	70	68	73	69	70	73	73	73	74	60	60	58	59	63	66	70	63	59	60	60	63	67	68	67.9
Thornburg	Maximum	94	82	93	88	81	87	93	96	83	86	88	80	92	92	93	92	82	87	79	81	82	88	87	81	82	87	77	87	77	82	88	86.0
	Minimum	65	67	67	71	71	70	72	72	68	70	70	63	71	74	68	70	69	58	61	51	52	63	62	63	54	46	49	67	61	63	63	64.2
Warren	Maximum	96	98	95	95	93	92	97	97	97	91	91	96	94	97	95	96	94	90	90	84	84	89	91	85	83	84	81	75	80	87	88	90.5
	Minimum	72	75	74	74	70	73	74	75	70	76	71	72	76	74	72	74	68	64	59	59	60	61	69	65	56	56	62	59	70	74	70	68.5
Wilson	Maximum	91	89	80	79	87	88	87	91	87	88	89	91	92	88	88	88	85	85	77	78	78	83	87	81	78	78	81	84	83	85	90	85.0
	Minimum	69	65	65	65	64	69	70	73	70	71	70	67	72	72	72	70	69	63	62	55	52	54	57	62	52	49	49	60	60	63	62	63.6
Wynne	Maximum	91	90	86	93	87	88	94	97	88	90	94	95	95	95	90	91	88	88	80	83	85	86	90	81	82	83	84	85	84	87	90	88.4
	Minimum	69	69	70	69	66	72	73	73	71	69	72	68	73	75	72	73	69	66	64	56	55	55	59	64	55	54	50	60	60	67	65	65.6

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

1.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., SEPTEMBER, 1927 No. 9

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GENERAL SUMMARY

September was practically a normal month with regard to precipitation while the temperature averaged 1.7° above normal. Temperatures were almost uniformly above normal until the last decade when a moderate cool wave brought the lowest for the month on the 21st and 22d, but there was a re-action to warmer weather by the 25th and the closing days were warm. There were light to moderate showers at numerous stations during the first six days of the month, at scattered stations from the 18th to the 26th, and from the 27th to the close of the month rains exceeding an inch occurred throughout the State. Most streams were at moderately low stages throughout the month, the Ouachita at Arkadelphia being below zero the entire month. The weather was generally favorable for cotton and picking and ginning were proceeding rapidly until halted by the rains of the 27th. There was some weevil and worm damage, leaves being stripped in some fields. The weather was favorable for cutting hay, harvesting rice, and gathering corn, but too dry for late crops. The apple crop was gathered during the month, the yield being small.

Four tornadoes were reported in the State on the 29th. At Rudy, Crawford County, a tornado of moderate intensity occurred at 9:20 a. m., moving from southwest to northeast over a path 300 feet wide, injuring 16 persons and doing property damage estimated at $75,000.

A tornado moving from southwest to northeast over a path about 400 feet wide struck French, Fulton County, about 1:00 p. m. of the 29th killing one, injuring three, and doing slight property damage.

Two tornadoes occurred near Lurton, Newton County, on the night of the 29th. The first occurred about 1-2 mile north of Lurton at 10:00 p. m., the second two miles south at 10:30 p. m. Timber was destroyed in the paths and the storm north of Lurton destroyed a home and school building, but no one was injured. The general direction of movement was from sw to ne.

W. C. H.

TEMPERATURE

The mean temperature for the month of September, as determined from the records of 56 stations, was 75.9° which is 1.7° above normal, Dutton, Fayetteville, Ozark, and Rison being the only stations showing negative departures. The highest monthly mean was 80.0° at Pine Bluff, the lowest 70.6° at Bentonville, a difference of 9.4° between the northwestern and southeastern sections of the State. The highest temperature recorded was 105° at Pine Bluff on the 17th, the lowest, 32° at Dutton on the 21st. Maxima occurred in most sections on about the 12th or 17th and minima on the 21st or the 22nd. The greatest daily range was 45° at Thornburg on the 22nd and Warren on the 18th.

PRECIPITATION

The average precipitation for the 82 station was 3.37 inches which is only 0.06 inch below normal. Amounts were unevenly distributed, monthly totals ranging from 0.75 inch at Morrilton to 11.96 inches at Dutton. The greatest amount measured in any 24 hour period was 1.83 inches at Dutton on the 30th. The average number of rainy days was 6.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 13; 2d, 23; 3d, 23; 4th, 22; 5th, 29; 6th, 11; 7th, 3; 8th, 2; 9th, 1; 13th, 3; 17th, 5; 18th, 29; 19th, 2; 23d, 2; 24th, 1; 25th, 1; 26th, 12; 27th, 32; 28th, 21; 29th, 38; 30th, 37.

DENSE FOG:---1st, 1; 4th, 1; 5th, 3; 6th, 5; 7th, 1; 9th, 1; 11th, 1; 14th, 3; 15th, 1; 26th, 1; 27th, 1.

SOLAR HALOS:---19th, 1.

STRAIGHT BLOW:---Northwestern section 29th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Pressure, Sea-level: Highest	Pressure, Sea-level: Date	Pressure, Sea-level: Lowest	Pressure, Sea-level: Date	Wind: Total movement miles	Wind: Maximum velocity	Wind: Direction	Wind: Date	Relative humidity: 7 a. m.	Relative humidity: 7 p. m.	Percentage of sunshine
Bentonville	29.91	30.29	21	29.52	29	2,775	20	s.	29	.....	.....	67
Fort Smith	29.97	30.3	22	29.52	29	4,347	34	sw.	29	85	61	81
Little Rock	29.99	30.28	22	29.65	29	4,185	40	s.	30	83	67	71
Memphis	30.00	30.26	23	29.69	29	3,640	28	sw.	28	75	61	76

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature: Monthly average	Temperature: Departure	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Precipitation: Average	Precipitation: Departure	Number of days: Clear	Number of days: Partly cloudy	Number of days: Cloudy	Number of days: Precip. .01 or more
Means-Extremes	74.2		113		26		3.43		17	7	6	6
1891	73.4	−0.8	102	24	40	4	0.94	−2.49	22	6	2	2
1892	70.8	−3.4	96	10	32	14	2.14	−1.29	23	4	3	3
1893	74.0	−0.2	103	14	36	26	3.75	+0.32	19	5	6	5
1894	73.1	−1.1	100	6	38	25	3.56	+0.13	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	−2.07	19	7	4	4
1896	73.3	−0.9	106	17	35	29	3.25	−0.18	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	−2.83	21	7	2	2
1898	77.2	+3.0	104	2	40	7	7.35	+3.92	15	6	9	8
1899	71.9	−2.3	109	8	28	29	1.21	−2.22	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.82	12	12	6	7
1901	72.6	−1.6	101	8	32	18	3.08	−0.35	18	8	4	4
1902	68.4	−5.8	99	8	30	13	5.06	+1.63	15	8	7	7
1903	70.7	−3.5	102	15	34	17	2.47	−0.96	18	7	5	5
1904	75.4	+1.2	101	19	37	15	2.46	−0.97	15	9	6	5
1905	74.2	0.0	100	1	44	4	3.90	+0.47	16	7	7	7
1906	75.7	+1.5	100	1	47	30	6.24	+2.81	11	9	10	10
1907	73.9	−0.3	106	7	38	29	2.22	−1.21	19	8	3	4
1908	73.4	−0.8	101	7	29	28	4.00	+0.57	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2.84	−0.59	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	−1.02	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.24	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	−1.03	18	8	4	4
1913	71.7	−2.5	108	4	33	21	10.10	+6.67	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	−0.24	16	9	5	5
1915	74.9	+0.7	100	19	34	22	1.43	−2.00	16	8	6	3
1916	72.5	−1.7	102	4	30	30	3.40	−0.03	19	6	5	6
1917	71.8	−2.4	99	1	37	29	1.76	−1.67	18	7	5	4
1918	67.3	−6.9	107	15	29	21	4.63	+1.20	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	−0.71	15	8	7	4
1920	74.9	+0.7	100	15	30	30	3.56	+0.13	17	6	7	6
1921	79.6	+5.4	101	2	35	30	3.38	−0.05	14	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	−2.18	22	5	3	3
1923	73.6	−1.2	98	11	45	23	5.56	+2.13	12	7	11	9
1924	69.7	−5.5	103	7*	29	30	3.99	0.56	17	5	8	7
1925	80.5	+5.3	113	6	47	12	5.96	+2.53	16	7	7	7
1926	76.8	+2.6	101	13	40	26	3.99	+0.56	14	8	8	7
1927	75.9	+1.7	105	17	32	21	3.37	−0.06	16	8	6	6

Corrections August, 1927

Arkadelphia:---Precipitation 28th should be 0.96; total 5.41; departure from normal −0.89.

Climatological Data for September, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (melted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Days with thunder	Observers
Amity	Clark	700	32	78.0	+3.8	103	16	45	22	38	0.85	−2.45	0.35	0.0	4	5	22		s.	G. C. Thrash
Arkadelphia	Clark	250	31								2.52	+0.29	0.89	0.0	6	3	4		s.	F. J. Carpenter
Arkansas City	Desha	145	43								4.52	+1.60	2.65	0.0	4	3	23			Carl R. Cuming
Ariberg	Stone	700	5								2.65		2.11	0.0	4	14	12			J. D. Reeves
Batesville	Independence	277	28	74.0	+1.0	98	17	39	21†	31	3.58	−0.27	1.35	0.0	6	17	5	19	s.	Mrs. Lena L. Teter
Bee Branch	Van Buren	700	35	75.0	+0.6	98	10†	42	21†	30	2.40	−0.72	1.03	0.0	5	9	13	6	s.	J. E. Seaman
Bentonville	Benton	1303	22	70.6	−1.7	91	15	38	21	32	4.88	+0.91	1.41	0.0	8	15	5	9	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								4.09	+0.85	1.92	0.0	5	16	1	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	2	77.2[a]	....	102[a]	16	41[a]	22	30[a]	3.28		1.12	0.0	7	20[a]	3	5[a]	s.	J. M. Brooks
Booneville	Logan	465	13	75.6	0.0	98	11†	42	22	42	1.65	−1.53	0.80	0.0	7	16	11	3	s.	F. R. Randolph
Brinkley	Monroe	205	40	76.1	+1.5	99	16	49	22	38	1.42	−1.81	0.70	0.0	5	17	11	3	se.	R. J. Terry
Calico Rock	Izard	361	23	75.2	+3.4	100	17	38	21	40	2.67	−0.90	0.84	0.0	5	15	11	4	s.	W. J. Copp
Camden	Ouachita	158	42	76.5	+1.1	100	17	46	22	33	7.06	+3.49	1.93	0.0	4	16	5	5	se.	A. B. Quarterman
Center Point	Howard	470	28	78.9	+2.2	101	11†	51	22	37	2.19	−1.45	0.75	0.0	11	17	5	5	s.	John C. Boyd
Clarendon	Monroe	200	23								5.40	+1.80	2.42	0.0	6	16	8	5	se.	W. W. Cleveland
Clinton	Van Buren	516	6								7.2		3.44	0.0	7	3	22			A. L. Stephens
Cold Springs	Scott	1250	1								1.96		0.81	0.0	5	19	11	5	sw.	Otto Parker
Conway	Faulkner	369	44	76.3	+1.3	98	17	46	21†	32	3.23	−0.28	1.20	0.0	7	7	8	5	s.	W. H. Conway
Corning	Clay	293	34	76.8	+4.4	101	17	47	21†	42	2.77	−0.95	1.15	0.0	5	19	7	3	se.	Winfred D. Polk
Dam No. 1	White	190	4								3.38		1.22	0.0	6	5	1	3	sw.	J. O. Yingling
Danville	Yell	327	11								1.98	−0.97	1.50	0.0	5	2	23	5	s.	C. D. Evans
Dardanelle	Yell	336	41	76.4	+2.0	96	17	48	22	30	1.50	−1.60	0.50	0.0	5	17	9	4	se.	G. N. Goodier, Jr.
Dumas	Desha	162	21	78.2	+2.6	100	17	50	22	33	2.84	−0.86	1.50	0.0	8	9	17	4	s.	Ben Johnson
Dutton	Madison	1590	24	68.1	−0.6	92	17	39	21	39	11.96	+7.96	4.83	0.0	5	17	9	4	s.	J. M. Pickens
El Dorado	Union	270	26	75.8	+2.4	100	17	47	22	39	1.74	−1.12	1.07	0.0	5	4	20	6	s.	J. J. Bach
England	Lonoke	229	20	76.8	+1.7	99	17	47	22	34	2.81	−0.89	0.92	0.0	8	17	7	5	s.	Dr. R. M. Hardin
Eureka Springs	Carroll	1465	27	73.1	+1.3	98	15	40	21	34	5.25	+1.20	1.72	0.0	7	15	11	5	s.	Geo. W. Nicholas
Fayetteville	Washington	1451	50	71.9	−0.5	93	5†	39	21	39	4.14	+0.96	1.46	0.0	9	18	9	4	s.	University of Arkansas
Fort Smith	Sebastian	457	46	75.7	+1.7	99	16	49	22	32	3.00	−0.17	2.04	0.0	4	15	9	7	se.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								4.38		2.72	0.0	5	21	5	5	se.	H. R. McCuiston
Fulton	Hempstead	289	41								3.89	−1.45	1.75	0.6	5	17	7	5		[illegible]
Georgetown	White	200	15								1.64	−2.57	1.18	0.0	5	8	1	13		W. R. Owens
Gilbert	Searcy	675	4								3.19		1.75	0.0	8	16	10	4		Ben F. Butterfield
Gravette	Benton	1250	39	71.0	−0.2	96	16†	43	21	36	3.59	+0.39	1.20	0.0	5	17	7	5	se.	A. F. Stevens
Helena	Phillips	193	55	78.0	+3.2	100	12†	45	22†	35	2.97	−0.16	1.24	0.0	9	13	2	11	s.	James A. Bennett
Higden	Cleburne	435	9								3.61		2.00	0.0	9	3	19	6	s.	Geo. W. Baker
Hope	Hempstead	377	56	79.2	+3.2	102	17†	50	22	38	5.22	+5.23	2.22	0.0	7	19	5	6	s.	N. P. O'Neal
Hot Springs	Garland	600	36	77.2	+1.8	99	17	46	21	33	2.56	−0.66	1.51	0.0	5	2	3	6		G. C. Barton
Index	Little River	275	2								3.05		1.50	0.0	6	13	9	5		B. D. Sanderson
Jessieville	Garland	750	1								3.80		1.80	0.0	5	19	6	5		[illegible]
Jonesboro	Craighead	345	32	76.0	+1.7	95	12†	42	21	35	2.40	−1.25	1.08	0.0	5	21	5	5	se.	[illegible] Sisters
Junction ‡‡	Union	182	33	78.0	+2.4	101	17	45	22	38	2.66	+0.50	1.75	0.0	5	21	3	6		J. E. Lowder[illegible]
Lambrook	Phillips	155	4	74.6		97	11†	41	19	38	3.18		1.25	0.0	5	22	3	5		Mr. J. C. W[illegible]
Little Rock	Pulaski	357	48	76.6	+2.5	97	17	51	22	24	1.37	−1.89	0.57	0.0	7	15	8	7	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	72.5		94[b]	17	44	21	22	6.11		3.50	0.0	7	18	8	4	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	25	74.8	+1.2	99	17	44	21	32	4.67	+1.32	2.24	0.0	9	18	6	6	s.	H. G. Feather[illegible]
Magnolia	Columbia	305	8	76.8[b]		99	17	48	22	32	2.58		1.40	0.0	5	7	9	5	s.	State Agri. School
Malvern	Hot Springs	277	40	76.9	+2.6	100	16[b]	45	22	36	2.63	−0.55	0.98	0.0	6	21	6	3	s.	Mrs. W. C. Matthews
Mammoth Spring	Fulton	693	23	72.4	+1.0	96	16†	37	21	42	3.76	+2.[illegible]	1.56	0.0	6	15	10	6	s.	[illegible]
Marianna	Lee	235	15	76.2	+3.2	98	15	35	22	34	1.54	−1.[illegible]	0.63	0.0	6	15	7	4	s.	C. N. Jones
Marked Tree	Poinsett	229	22	73.8		98	15	41	20	36	1.73	−0.71	0.86	0.0	6	18	10	2	se.	Charles Walton
Marshall	Searcy	1070	13	73.4	+0.9	94	12†	35	21	36	3.82	−0.06	0.93	0.0	5	12	11	4	s.	A. [illegible]
Mena	Polk	1185	39	79.7	+5.9	95	14	44	23	34	2.50	+1.25	1.25	0.0	8	22	10	8	s.	E. W. St[illegible]
Morrillton	Conway	347	6	77.0		101	18	49	22	31	0.75		0.50	0.0	3	15	1	5	se.	John Cook
Mountain Home	Baxter	806	13	72.2	+1.2	98	15	40	21	41	4.86	+3.74	1.48	0.0	2	15	5	10	W.	[illegible]
Mount Ida	Montgomery	650	28	75.0	+2.1	100	17†	43	22	41	2.06	−0.14	1.10	0.0	5	16	10	5	s.	C. V. Wilkinson
Newport	Jackson	231	43	78.0	+4.2	101	16†	45	21	37	2.91	−0.87	1.48	0.0	7	13	9	5	s.	A. C. Wilkinson
Oden	Montgomery	860	1								3.69		2.52	0.0	6	12	12	7	s.	Arthur S. Dorman
Osceola	Mississippi	240	29	77.0	+3.5	103	18	43	22	37	2.79	−0.1[illegible]	1.07	0.0	5	8	5	7	s.	Jim Thompson
Ozark	Franklin	336	31	71.0[c]	+2.1	95[c]	17	48[c]	22[c]	31[c]	4.80	+1.01	2.15	0.0	8	17[a]	2	10[a]	se.	Isham Farrow
Paragould	Greene	301	1								0.[illegible]		1.47	0.0	6					W. B. Beasley
Patterson	Woodruff	196	11								1.11	−1.65	0.65	0.0	4	25	1	4		W. E. [illegible]
Pindall	Searcy	1500	5								4.77		1.44	0.0	5	21	7	3	sw.	W. W. Wood
Pine Bluff	Jefferson	215	40	80.0	+6.9	105	17	48	22	41	3.02	−0.59	0.88	0.0	6	22	4	5		Miss [illegible] Cohen
Pocahontas	Randolph	300	31	76.2	+1.4	101	17	39	22	37	0.57	−0.01	1.35	0.0	5	14	7	9		[illegible] Sisters
Portland	Ashley	122	21	77.8	+1.4	99	12†	46	22	33	3.66	+0.85	1.24	0.0	5	10	11	7		W. E. [illegible]
Prescott	Nevada	329	30	77.4	+1.6	100	17	47	22	30	1.58	+1.58	1.58	0.0	7	16	5	9		C. J. [illegible]
Princeton	Dallas	287	21								6.23	+2.90	1.92	0.0	4	13	2	11		Mrs. F. J. Cheatham
Rison	Cleveland	243	26	75.0	−0.8	96	15†	47	22	31	3.39	+0.02	1.20	0.0	5	12	5	14	w.	Mrs. T. N. Lisle
Rogers	Benton	1385	36	71.3	+0.2	91	16	37	21	38	4.31	+0.[illegible]	2.35	0.0	7	20	3	5	s.	Carl A. Starck
Searcy	White	236	18	76.0	+2.6	98	10†	42	22	38	1.90	−1.39	0.91	0.0	5	23	3	4	s.	J. T. Bell
Springbank ‡‡	Miller	240	20								2.90	0.38	1.52	0.0	5	23	0	7		Miss Grace Field
Story	Montgomery	700	3								1.59		0.61	0.0	6	19	6	5	s.	S. C. Story
Stuttgart	Arkansas	228	40	76.6	+1.8	97	11†	45	22	31	2.46	−0.98	0.91	0.0	5	17	9	4	se.	Adam F. Baerkle
Subiaco	Logan	1050	30	76.0	+2.4	99	17	49	21†	37	1.81	−1.35	0.70	0.0	7	5	19	15	s.	New Subiaco Abbey
Texarkana	Miller	332	41	78.7	+1.9	103	17	47	22	40	5.53	−2.60	2.48	0.0	6	15	6	9	s.	U. S. Brashear
Thornburg	Perry	650	3	73.3		97	8†	49	22	45	1.58		0.80	0.0	5	18	8	4	se.	Harvard E. Holmes
Waldron	Scott	675	8								1.56		0.76	0.0	6	8	10	12	sw.	Dr. Chester Bevill
Warren	Bradley	206	33	77.0		99	17†	47	21	45	8.13	+3.95	1.75	0.0	8	18	9	4	s.	W. L. Shipp
Waters	Montgomery	800	3								1.66		0.84	0.0	5	15	7	8	sw.	J. R. Hightower
Whitecliffs	Little River	290	23								2.32	−0.67	0.72	0.0	4	17	5	7	se.	Nannie C. Scrimmer
Wilson	Mississippi	237	2	75.2		98	17	39	21	36	1.48		0.73	0.0	5	23	5	2	s.	M. W. H. Collins
Wynne	Cross	250	19	77.2	+3.4	100	16	41	22†	40	1.87	−1.56	0.95	0.0	6	18	6	6	s.	E. O. Allen
Yancopin	Desha	167	3								5.07		2.20	0.0	7	29	3	7		W. E. Barton
State Means and Extremes				75.9	+1.7	105	17	32	21	45	3.87	−0.06	4.83	0.0	6	16	8	6		

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. †Less than 0.[illegible] inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [illegible] indicate number of days missing. [illegible] Also on other dates. ‡‡P[illegible] office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R.F.D., Junction City, Ark.: Lutherville R.F.D. No. 1 [illegible] Springbank, Doddridge, Ar[illegible]

Daily River Stages for September, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	18.3	13.3	13.2	12.4	11.2	10.2	9.5	9.0	8.8	8.[illegible]	8.7	9.8	9.8	9.3	8.5	7.8	7.5	7.0	6.8	6.7	6.5	6.3	6.2	6.3	6.0	6.1	6.3	7.0	10.8	12.2	
Dardanelle	do	20	13.2	11.3	11.0	10.8	10.2	8.9	7.8	6.9	6.7	6.5	6.0	5.8	6.7	7.0	6.9	6.4	5.9	5.6	5.1	4.8	4.7	4.5	4.3	4.2	4.2	4.0	4.0	4.8	5.2	6.7	
Little Rock	do	23	12.9	12.8	11.4	10.7	10.5	9.8	8.7	7.7	6.8	6.3	5.7	5.5	5.3	5.4	6.5	6.2	5.8	5.0	4.5	4.0	3.7	3.5	3.2	3.1	2.9	2.9	2.7	2.9	3.2	3.8	
Pine Bluff	do	25	16.1	16.3	15.8	14.9	14.4	14.0	13.3	12.4	11.5	10.7	10.2	9.8	9.6	9.3	9.8	10.4	10.1	9.6	9.1	8.6	8.1	7.8	7.7	7.5	7.4	7.3	7.1	7.0	7.1	7.4	
Yancopin	do	20	23.3	23.7	23.8	23.3	22.4	21.8	21.2	20.4	19.2	18.1	17.1	16.3	15.7	15.2	14.7	14.9	15.3	15.0	14.3	13.5	12.7	12.0	11.5	11.2	10.8	10.4	10.2	10.0	10.1	9.9	
Danville	Petit Jean	20	12.4	8.3	7.2	6.5	6.3	5.8	5.7	5.5	5.1	4.6	4.3	3.8	3.4	2.3	2.2	2.1	1.9	1.8	1.8	1.8	3.8	3.4	3.1	2.8	2.6	2.2	2.1	2.1	2.1	1.8	1.8

Daily River Stages—Concluded

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	5.4	5.1	5.2	5.3	5.3	4.7	2.0	2.5	2.1	2.4	2.4	1.9	1.9	1.4	1.9	1.8	1.6	1.5	1.6	1.5	1.2	1.6	1.4	1.3	1.3	1.1	1.5	1.2	1.1	6.7	6.4	6.8
Batesville	do	23	9.2	8.8	8.8	8.7	9.1	8.6	8.0	7.5	7.8	7.5	7.8	7.6	7.1	7.0	6.6	7.0	6.8	6.7	6.6	6.5	6.5	6.3	6.5	6.6	6.3	6.2	6.2	6.2	6.6	6.5	6.6
Newport	do	26	10.8	9.1	8.6	8.0	7.8	7.7	7.1	6.6	6.1	5.9	5.6	5.9	5.7	5.4	5.0	4.7	4.7	4.7	4.6	4.4	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Dam No. 1	Little Red		5.0	4.4	4.1	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6
Georgetown	do	22	19.5	18.6	17.6	16.6	15.8	15.1	14.3	13.6	12.9	12.3	11.9	11.4	10.8	10.3	9.9	9.4	8.9	8.7	8.3	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.2	6.0	5.9	5.8
Clarendon	do	20	27.8	27.6	27.1	27.2	26.8	26.4	25.9	25.4	24.7	24.2	23.6	23.0	22.4	21.9	21.4	20.9	20.4	19.9	19.7	18.6	17.5	16.5	15.7	15.0	14.4	13.8	13.3	12.8	12.3	11.8	11.4
Gilbert	Buffalo	30	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Conway	Cadron	14	7.6	7.5	7.4	7.2	7.3	7.3	7.4	7.4	7.5	7.1	7.1	7.0	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8
Black Rock	do	13	6.0	5.8	5.8	5.7	5.7	5.6	5.5	5.5	5.4	5.5	5.5	5.4	5.3	5.0	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0
Patterson	Cache	9	6.5	6.2	6.0	5.6	5.4	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9
Arkadelphia	Ouachita	18	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Camden	do	30	5.3	5.0	4.8	4.7	4.7	4.6	4.9	5.0	5.1	5.1	4.9	4.9	4.7	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2
Felton	Red	28	8.8	8.9	8.7	8.6	8.4	8.1	8.0	8.0	8.1	8.3	8.3	8.4	8.0	7.7	7.7	7.7	7.6	7.5	7.3	7.2	7.2	7.2	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.4
Springbank	do	37	11.2	11.2	11.2	11.0	11.0	10.7	10.4	10.3	10.3	10.3	10.3	10.3	10.2	10.0	9.6	9.2	8.9	8.7	8.5	8.3	8.2	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3
Whitecliffs	Little	28	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.0	0.9	0.9	0.8	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Marked Tree	St. Francis	17	6.0	5.8	5.6	5.5	5.2	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.8	3.6	3.5	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.8
Helena	Mississippi	44	17.2	16.7	16.3	15.9	15.5	15.1	14.8	14.7	14.7	14.6	14.6	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7
Arkansas City	do	48	25.4	25.7	25.0	24.4	24.0	23.5	22.8	22.5	21.5	20.0	19.0	18.0	17.5	16.8	15.8	15.0	14.4	13.8	13.4	13.2	13.2	14.0	13.8	13.4	12.8	12.2	11.6	11.0	10.6	10.2	9.8

Daily Precipitation for September, 1927

Stations	Drainage basin	Day of month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																		.26											.15	.14		6.77
Arkadelphia	Ouachita								.25											.89											.85		2.93
Arkansas City	Mississippi		.36																	2.65													4.52
Arlberg	White																									.21	1.3						5.65
Batesville	White				.31	T.														T.						1.2	.18	.21	2.13			5.63
Bee Branch	Arkansas			.14		.32													T.						.20	.38	.71	1.85			2.1
Bentonville ***	Arkansas	.16																		.02						.29	.03	.40	1.33			3.7
Black Rock	White		.08			.42														.48							.60	.05	1.32			4.03
Blytheville	Mississippi					.05	.09		.38										T.				.03		.10		.05	.80				5.28
Bonnerdale	Arkansas	T.	.11					.03												.11							.70	.40				1.95
Bradley	White			.15	.05										T.					T.				T.	T.		.84		.5	.68		1.82
Calico Rock	White		.60	T.	T.	T.																					1.15	.81				2.67
Camden	Ouachita		.70																	.35													7.16
Center Point	Red	.0	.01	.05	.14		.08						.07							.18	.10					.25	.54	.75					2.33
Clarendon	White		2.12				.01																				1.95					5.03
Colgate	White		.13		.37	.06																											1.44
Cotton	White					.25			.01																	3.44	.06			2.98			1.96
Cold Springs	Arkansas					.14														.22							.03						1.93
Corning	White		.02			.04	.38																			11	.93	.11	.50				2.57
Dam No. 1	White																			.16	1.15	.22	.84										1.98
Danville	Arkansas		T.		.22														T.							1.22	.97	.12	.15	.05			2.53
Dardanelle	Arkansas					.41														.50													1.91
Delaware	Mississippi	T.	T.	T.		.15	T.					T.		T.						.10						.06	.03	.05	.34	.22	T.		11.96
Delight	Ouachita		T.		T.																			T.	.15								1.74
El Dorado	Ouachita	.08																	.92	.02						1.97	.56	1.15	1.85			11.96
Emmet	Arkansas	.29	.12																.12								1.07	.54					1.74
Fairfield Bay	White	.07																		.67	.01												2.81
Fayetteville	White	.04			.58														T.							.52		1.72	.20	1.70	.90		6.11
Forrest City	Arkansas	.85		1.38		1.75	.20													.72						1.72	.20	1.70	.90				7.70
Fort Smith ***	Arkansas				.55	T.	.55													T.													1.10
Freeman Spgs.	Arkansas		.8		1.1	T.	.7																										2.6
Fulton	Red				.02																												1.6
Georgetown	White				.01																												2.3
Gilbert	White		.01																T.														2.3
Gravette	Arkansas		.25																														2.0
Helena	Mississippi		.01	.02	.01	.05													.05					T.		.62	2.39	.7		.1			6.14
Hoxie	White		.07	.09	.02															1.47						1.60	2.03	.3	.05				8.22
Hoxie	Red	.2	.22																							1.81		T.					2.83
Hot Springs	Ouachita					.05														1.31							2.41						3.72
Huttig	Ouachita						.20																				1.50	.55					2.57
Judsonia	Red		.90	.15	.02															.25						.77							2.90
Jessieville	Ouachita		1.00								1.50															.2	1.01	.5	1.18				2.91
Jonesboro	White					.05													.10														5.19
Lambrook	White		.81	.10		.17														.87							1.32						1.67
Little Rock	Arkansas		.2	.35	T.														T.					T.	T.	.02	.25	.35	.2	.13			1.47
Lurton	White		T.																	.02						.03	.02	1.27	.03	1.17	.50			6.11
Lynchburg	Arkansas		.14																	.10					.07	.10		T.	.35	.9	1.08	2.25		4.97
Magazine	Red	.2																		.90							1.50	.98	.02				2.39
Malvern	Ouachita			.1	.02																					.18	.53	.60	2.2	1.08			2.54
Marianna	White					.07														.46							.15	.28					5.76
Marked Tree	Mississippi		.0	.2	.07	.07																					.86	.07	.04				1.33
Marshall	White				.07	.08																	T.	T.		.50	.16	1.23	1.93				3.82
Mena	Ouachita	T.	.65	.02	.08	.0			.1															T.		.1	.2	.03	.08				2.31
Morrilton	Arkansas																		T.								1.7	.60					2.55
Mountain Home	White																										.11	.38	.37				4.80
Mountain Home	Ouachita					.15													1.10								.21	.37					2.66
Newport	White			.02	.22															.61						1.48	.56	.33	.52				2.90
Oden	Ouachita	.04	.68	.9															T.	2.02			T.			.33	.11	T.	T.				3.69
Osceola	Mississippi				.71	.71																				1.07	.30	.20					2.79
Ozark	Arkansas																		T.														4.00
Parkdale	Mississippi					1.01	.20																.12	.01		2.15	.00	.24	1.45				3.96
Patterson	White				.25															.12							.55	.02	.47				1.41
Pindall	White																										.65	.07	.15				4.77
Pine Bluff	Arkansas		.12	.52	.01		.88	.01	.13											.15						.07		T.					3.57
Pocahontas	White																									.65	.80	1.35	.2	1.05			3.60
Portland	Ouachita	.04	.71				.26												1.16									1.20					4.25
Prescott	Ouachita		.13	.74					.15											.44							.7		.36				6.23
Princeton	Ouachita						1.11													1.30	T.						1 .00	1.02	T.				5.50
Rison	Ouachita					1.09														.65						.90	.39		.25				4.41
Rogers	White	T.																		.02						1.23	.30	1.0	1.17				4.02
Searcy	White																									.12	.91	.20	.47				1.90
Springbank	Red		.03	T.	.05		.85	T.						T.		T.				.29						1 .32	.50						2.32
Star City	Ouachita		.05																	.16						.25	.80	.07	.16				1.54
Stuttgart	Arkansas		.86																	.19							.01	48		11			1.84
Subiaco	Arkansas		.58																				.03	.07		T.	.70	.19	.33				6.33
Texarkana	Red			.20	.40	T.	T.	.52												.83							2.48	.90					1.81
Thornburg	Arkansas		T.		T.															1.7					T.	.08	.20	.80	.37				5.58
Waldron	Arkansas	.48	T.	.08		T.																				.94	.17		.70				1.36
Warren	Ouachita	.85		1.38		1.75	.20																			1.75	1.00		.10				8.55
Waters	Ouahita	.32																		1.15							.81		.33	11			1.69
Whitecliffs	Red					T.	.66													.72								.72	.22				2.32
Wilson	Mississippi		.02																	.56							.73	.03	.14				1.45
Wynne	Mississippi			.21		.05														.36							.95	.27	.03				1.81
Yancopin	Arkansas			.22			.71	.01												2.20							.47	1.38	.02				5.00

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‡ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
* Precipitation included in the next following measurement.

Daily Temperatures for September, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	75	84	92	94	93	98	96	97	98	102	101	101	99	98	101	102	102	102	93	90	87	83	80	78	86	88	91	81	84	88		92.2
	Minimum	68	67	67	66	68	65	67	67	67	68	68	69	69	68	68	70	70	72	62	53	50	45	50	59	57	57	59	62	67	67		63.7
Batesville§§	Maximum	91	90	88	93	88	90	90	92	94	95	96	94	94	93	95	96	98	88	76	76	71	73	76	76	87	83	79	77	82	86		86.9
	Minimum	63	66	70	67	68	68	67	67	68	67	66	66	65	68	66	66	67	69	53	45	39	39	44	49	57	54	57	63	65	66		61.2
Bentonville	Maximum	83	82	87	89	89	87	89	88	89	89	90	91	89	90	91	90	91	77	72	61	68	75	68	58	75	70	59	70	80	83		80.3
	Minimum	63	66	64	67	68	68	70	68	67	67	65	67	68	69	66	66	66	55	48	42	38	43	53	55	57	56	51	49	64	64		60.3
Bee Branch	Maximum	91	87	89	92	90	91	91	93	94	98	97	95	95	95	96	98	98	92	79	80	74	82	76	71	82	87	77	75	80	86		87.7
	Minimum	63	68	70	65	69	66	68	67	68	68	68	67	66	68	67	68	68	70	57	46	42	42	45	57	60	57	63	57	64	66		62.3
Blytheville	Maximum	97	92	93	93	94	93	92	96	93	98	98	100	99	99	101	102	100	94	78	79	73	76	79	..	85	88	87	79	83	89		90.7
	Minimum	65	67	72	71	70	69	69	69	69	71	71	68	70	71	73	70	69	70	53	47	42	41	43	..	49	58	62	68	67	67		63.8
Booneville	Maximum	86	88	91	93	93	93	92	94	94	95	98	97	95	96	96	97	98	94	79	81	76	84	76	68	84	90	74	72	86	89		88.3
	Minimum	69	66	65	69	69	67	68	68	68	66	66	68	69	68	68	67	69	68	58	48	43	42	53	58	60	60	55	53	67	75		63.0
Brinkley	Maximum	93	92	88	91	88	91	91	93	93	94	95	94	94	95	95	99	98	92	76	82	72	76	80	82	84	89	86	79	85	91		88.6
	Minimum	65	69	71	68	69	65	68	66	68	68	69	67	67	70	68	68	67	69	59	47	44	39	42	58	59	64	62	68	68	75		63.6
Calico Rock§§	Maximum	91	93	91	95	94	94	94	95	97	98	99	99	97	97	99	99	100	88	79	75	74	79	77	75	84	92	78	80	83	87		89.4
	Minimum	63	64	69	70	69	68	68	68	68	68	67	66	68	68	66	68	67	69	52	45	38	39	42	51	57	53	53	59	60	66		61.0
Camden§§	Maximum	93	85	94	94	92	93	93	93	94	96	98	98	94	96	97	96	96	94	99	100	98	76	83	76	79	80	81	84	91	85	74	88	92	89.8
	Minimum	68	67	66	67	68	67	68	67	65	66	67	67	64	67	66	67	59	69	55	53	53	46	48	52	55	58	65	65	65	72		63.2
Center Point	Maximum	90	90	96	94	95	95	94	95	99	98	101	98	95	96	97	101	101	101	78	88	79	83	81	81	86	97	82	77	85	90		91.2
	Minimum	70	67	71	69	70	67	69	70	70	72	71	73	72	71	70	73	78	72	62	54	53	51	53	59	62	65	67	58	65	73		66.6
Conway	Maximum	92	88	88	93	94	91	91	93	95	96	95	97	95	96	95	96	98	92	76	81	73	78	80	70	83	87	78	78	84	88		88.0
	Minimum	66	71	69	69	71	69	69	69	70	70	69	70	70	71	70	70	71	73	56	51	46	46	49	60	59	59	59	59	66	72		62.6
Corning	Maximum	93	93	89	94	90	90	92	92	94	94	96	99	100	99	98	100	101	90	90	71	72	75	84	86	82	86	84	81	81	85		90.1
	Minimum	63	64	71	68	68	68	70	72	72	72	71	74	68	73	70	71	70	70	48	46	37	37	61	64	61	59	65	64	64	66		64.1
Dardanelle	Maximum	88	83	93	91	90	89	90	92	93	94	94	96	93	93	94	96	95	90	78	82	73	76	78	77	85	84	79	74	82	91		87.1
	Minimum	68	71	68	71	72	71	72	71	70	69	69	71	72	72	71	71	71	71	61	51	48	46	53	60	60	61	66	57	68	71		65.8
Dumas	Maximum	94	91	91	94	95	94	94	95	95	96	99	99	97	95	98	99	100	100	74	83	76	78	80	83	86	87	89	88	85	91		91.9
	Minimum	68	70	69	70	72	68	69	69	68	71	70	70	72	72	70	73	68	70	61	54	51	45	49	58	56	61	65	65	68	71		65.6
Dutton	Maximum	82	86	85	86	87	87	87	86	85	89	91	90	85	85	90	91	92	83	72	72	69	74	69	61	78	77	69	68	76	79		81.0
	Minimum	55	61	57	61	62	60	63	64	59	63	56	58	61	60	59	59	59	62	49	39	32	35	43	50	49	53	57	51	61	62		55.2
El Dorado	Maximum	89	89	94	93	96	88	94	94	95	96	99	98	95	98	97	99	100	98	78	84	77	82	82	83	87	92	88	76	89	93		90.5
	Minimum	71	70	69	72	73	70	70	70	69	71	72	72	72	70	70	73	73	74	58	55	55	47	51	52	59	60	65	68	70	73		66.5
England	Maximum	93	90	86	92	91	93	92	94	94	95	96	98	95	94	96	98	99	94	76	83	73	78	80	80	84	86	82	80	86	89		87.9
	Minimum	66	68	70	68	71	66	68	70	70	—	—	70	73	70	70	70	70	70	61	51	47	44	48	56	55	62	63	68	70	68		64.1
Eureka Springs	Maximum	81	88	90	91	91	89	91	92	92	94	95	93	92	91	98	95	94	83	78	72	74	78	69	61	76	76	65	75	81	84		84.2
	Minimum	61	66	67	67	67	69	69	69	67	67	66	69	70	70	67	67	68	61	48	51	40	44	66	55	54	59	54	49	69	64		62.0
Fayetteville	Maximum	84	88	90	91	94	87	90	89	92	93	93	91	91	90	94	94	93	90	77	70	71	79	75	69	78	77	65	71	83	84		84.2
	Minimum	62	65	63	65	65	65	67	68	64	68	68	65	65	64	64	65	65	64	49	46	36	40	52	54	53	58	53	49	65	65		59.6
Fort Smith	Maximum	81	86	91	92	92	92	91	90	91	93	96	95	94	95	94	96	95	87	77	75	74	81	72	65	82	84	68	69	86	84		85.7
	Minimum	71	69	68	72	72	70	72	73	72	71	70	71	73	72	73	72	72	65	58	54	50	49	57	59	59	63	53	52	69	70		65.7
Gravette	Maximum	84	89	88	89	91	87	89	90	90	91	92	92	90	90	92	93	93	85	74	70	70	78	80	66	76	67	69	67	82	85		82.4
	Minimum	64	67	63	65	67	66	68	69	67	64	63	67	69	69	67	67	65	61	46	47	34	44	52	54	54	54	51	44	47	61	64	59.5
Helena	Maximum	97	91	88	93	91	91	94	96	96	98	98	100	100	96	96	99	99	96	77	80	75	73	80	84	85	88	89	79	86	92		90.5
	Minimum	66	71	70	70	71	66	69	69	69	70	72	70	72	72	71	74	70	69	54	53	48	45	45	51	57	65	64	68	68	75		65.5
Hope	Maximum	95	85	98	98	97	96	98	100	101	98	102	102	101	102	100	101	104	104	79	88	80	85	87	84	91	94	84	71	96	96		93.9
	Minimum	69	68	68	73	71	67	68	68	68	65	68	68	70	70	67	69	70	71	56	54	52	47	51	51	62	61	67	69	67	70		64.5
Hot Springs	Maximum	90	89	89	92	91	95	94	95	94	96	95	94	94	94	95	99	98	93	79	86	85	81	79	79	84	89	83	83	83	89		89.6
	Minimum	72	74	67	67	66	62	61	68	68	72	69	67	68	69	68	71	69	72	62	62	62	62	46	53	51	56	59	62	62	67		64.8
Jonesboro	Maximum	92	90	88	88	89	91	91	91	92	90	91	97	96	94	96	97	97	89	76	77	71	73	78	77	87	87	78	77	88	88		87.0
	Minimum	72	68	69	70	69	68	70	72	72	69	72	74	70	72	74	73	74	75	56	49	42	42	43	50	60	59	61	63	67	69		61.9
Lambrook	Maximum	91	89	86	91	92	92	9	92	95	95	97	97	96	94	95	97	97	71	72	74	72	75	77	81	78	84	84	74	83	87		86.6
	Minimum	62	65	69	69	70	66	68	67	66	70	69	68	70	69	69	70	59	66	41	43	59	42	44	53	56	51	67	69	67	72		62.7
Little Rock	Maximum	89	87	85	89	87	90	90	91	91	93	95	94	93	92	93	96	97	91	74	79	72	75	74	76	81	84	80	74	83	87		86.1
	Minimum	71	71	70	70	72	67	71	73	73	73	74	74	73	73	73	74	74	68	61	56	53	51	54	61	61	64	66	59	67	69		67.2
Lurton	Maximum	82	80	85	84	86	86	83	85	89	88	90	89	87	87	88	90	91	..	..	..	..	..	..	..	..	65	66	69	74	79		82.9
	Minimum	65	67	65	68	68	66	66	63	68	69	70	72	68	68	69	69	72	61	52	50	41	46	52	48	57	59	69	53	63	62		61.9
Lutherville	Maximum	86	79	89	90	92	90	93	95	94	97	98	97	99	97	94	99	97	94	83	81	78	73	75	72	67	83	85	71	68	85		86.4
	Minimum	67	69	66	69	68	67	69	70	69	71	68	70	72	70	70	68	71	65	58	55	43	45	51	58	58	64	61	52	55	66		61.3
Magnolia	Maximum	88	85	91	92	90	92	91	90	91	92	95	97	95	95	96	96	99	95	86	89	75	80	81	81	88	..	91	71	..	93		89.2
	Minimum	71	69	69	69	73	68	69	68	66	68	63	70	70	68	68	67	73	71	55	52	53	48	59	59	55	..	66	64	..	68		64.1
Malvern	Maximum	93	85	90	94	93	93	94	95	96	98	98	99	96	95	96	100	100	95	78	87	78	83	80	82	84	88	84	76	84	90		89.9
	Minimum	67	68	67	67	70	65	67	67	67	68	68	68	68	68	67	69	68	72	63	51	50	45	50	54	56	60	63	65	68	71		63.9
Mammoth Spg	Maximum	89	90	90	90	90	90	93	90	94	93	94	95	94	93	94	96	96	87	80	78	80	73	73	76	77	85	74	75	80	82		86.3
	Minimum	59	63	66	64	65	66	69	65	64	65	63	63	62	65	63	64	64	50	50	44	37	37	41	57	52	52	61	59	62	65		58.5
Marianna	Maximum	90	86	85	86	87	88	89	90	90	93	93	94	94	93	94	94	94	94	94	80	73	73	75	79	84	85	84	78	83	86		86.8
	Minimum	68	71	70	71	70	67	70	70	70	70	71	70	73	74	72	73	70	73	56	53	49	45	47	55	62	61	64	68	68	74		65.6
Marked Tree§§	Maximum	90	89	86	84	90	82	83	84	90	96	93	92	93	91	98	97	88	69	76	69	69	68	82	82	87	76	77	80	88	89		84.6
	Minimum	65	68	70	69	68	68	69	69	70	70	68	69	70	71	70	68	69	56	47	41	42	43	46	49	59	61	65	68	71	70		63.0
Marshall	Maximum	87	88	89	89	89	88	90	90	91	93	93	94	93	92	93	94	93	94	85	82	74	69	77	77	72	81	87	74	79	81	90	85.8
	Minimum	69	66	65	67	66	65	70	67	64	65	63	65	65	69	66	64	64	64	52	43	35	48	55	57	55	53	63	57	66	62		61.1
Mena	Maximum	82	81	87	85	85	90	92	90	91	92	94	93	93	95	93	93	92	91	87	84	84	83	86	70	84	89	80	71	80	87		86.7
	Minimum	67	64	66	65	68	65	67	67	66	65	67	65	66	66	67	67	68	68	61	61	53	53	44	52	57	55	59	55	65	73		62.7
Morrilton	Maximum	91	87	94	92	96	94	93	94	96	98	99	98	95	96	95	99	101	95	80	83	76	80	77	70	84	87	74	76	84	87		89.0
	Minimum	66	70	70	70	71	69	70	71	72	71	70	70	70	72	70	70	72	73	63	52	50	46	50	56	59	59	62	59	58	71		65.1
Mountain Home	Maximum	90	91	92	..	..	..	..	..	..	..	..	98	97	96	96	98	98	85	79	70	73	80	78	70	83	90	81	79	87	78		85.9
	Minimum	60	67	65	..	..	..	..	..	..	..	..	65	65	67	66	65	66	67	54	45	36	36	44	58	56	52	55	63	66	67		58.5
Mount Ida	Maximum	85	86	94	93	92	93	92	93	95	98	98	97	95	95	95	99	100	100	78	85	79	81	82	69	84	88	77	79	83	88		88.1
	Minimum	65	64	63	64	63	64	65	65	63	63	63	66	66	66	64	64	65	68	58	47	46	40	47	57	53	53	63	58	67	70		60.9
Newport	Maximum	95	93	93	93	91	94	95	97	97	98	99	99	100	97	100	101	101	93	88	85	78	81	81	79	86	88	82	81	85	92		91.1
	Minimum	66	69	70	69	69	70	70	69	71	71	71	70	70	72	71	71	70	72	55	48	43	44	46	58	60	59	63	66	68	69		64.7
Osceola	Maximum	93	96	91	94	93	93	93	91	94	92	98	99	99	99	100	101	102	103	75	83	82	74	77	81	83	85	86	86	79	82		90.1
	Minimum	65	66	65	68	69	71	70	71	70	71	72	71	70	72	73	73	72	70	57	57	49	43	46	44	48	52	59	69	69	69		64.1
Ozark	Maximum	79	78	96	94	88	85	85	86	86	87	88	90	..	94	96	97	98	91	80	76	80	73	65	70	88	72	71	85	89	82		82.4
	Minimum	69	70	65	68	70	69	69	71	70	67	68	68	..	71	70	69	70	70	58	49	46	44	56	60	63	61	58	44	67	67		63.7
Pine Bluff	Maximum	96	90	93	95	95	95	92	96	100	100	103	102	99	98	101	102	105	102	82	91	82	85	89	86	89	90	86	75	87	92		93.3
	Minimum	70	69	70	71	72	67	69	70	71	71	72	72	72	72	72	75	73	71	60	50	53	48	51	60	60	67	66	68	68	73		66.7
Pocahontas	Maximum	94	93	91	94	91	92	93	92	97	97	99	100	99	96	98	100	101	93	80	73	74	76	78	82	84	87	89	78	84	86		89.3
	Minimum	65	68	71	68	69	69	69	69	66	76	69	68	67	70	70	69	69	70	54	46	42	39	43	55	58	58	62	63	66	66		65.1
Portland	Maximum	93	93	95	94	95	91	92	94	95	95	97	99	97	95	95	99	99	99	73	83	75	76	78	81	85	90	82	88	89			90.1
	Minimum	70	69	69	70	72	70	69	69	69	70	71	70	70	70	69	69	70	66	63	55	54	46	48	53	56	63	65	69	71	72		65.6
Prescott	Maximum	91	92	94	95	93	95	93	94	96	96	98	97	94	95	97	97	100	95	80	85	79	80	81	85	87	89	85	76	90	86		90.8
	Minimum	70	67	71	70	72	66	68	69	68	65	66	68	70	72	67	69	70	71	54	56	52	47	50	56	54	56	63	60	61	73		66.0
Rison	Maximum	76	88	89	88	87	70	77	89	91	92	92	95	96	92	92	94	96	95	74	80	82	75	74	78	80	80	75	69	84	84		84.6
	Minimum	68	67	69	68	67	66	68	69	69	70	71	70	70	70	72	67	69	70	54	51	47	49	57	60	59	65	66	68	72			65.5
Rogers	Maximum	86	88	90	91	91	88	91	91	91	91	92	93	92	92	93	94	93	83	75	65	69	78	69	68	79	74	67	73	82	84		83.8
	Minimum	59	63	62	64	64	65	65	65	64	64	63	65	65	65	64	64	64	67	50	47	37	40	47	54	54	60	53	49	64	64		58.2
Searcy	Maximum	91	90	89	92	89	91	91	94	95	98	96	96	95	95	96	98	98	93	77	79	72	76	78	73	83	86	84	82	83	87		88.2
	Minimum	66	69	71	66	69	68	68	67	71	70	70	68	67	70	69	71	70	71	57	47	46	42	45	59	59	58	62	62	68	69		63.7
Stuttgart	Maximum	92	88	88	91	89	93	92	90	94	95	97	95	95	94	95	96	97	91	80	82	77	76	80	82	84	88	84	78	87	90		88.7
	Minimum	67	69	70	68	70	65	68	68	68	70	70	69	69	71	68	71	69	70	60	50	46	43	46	58	61	64	65	67	67	72		64.6
Subiaco	Maximum	89	83	91	92	92	92	94	93	93	95	96	96	96	95	95	97	99	91	80	83	75	82	80	67	84	89	78	73	87	91		88.3
	Minimum	66	68	65	69	69	68	70	69	69	67	69	69	70	70	68	69	69	71	58	50	45	45	51	60	57	60	57	53	67	70		63.6
Texarkana	Maximum	88	91	99	96	97	96	96	97	98	101	102	101	99	100	102	102	104	102	82	89	88	87	87	87	90	94	80	71	90	93		93.6
	Minimum	70	68	68	67	70	66	65	68	68	68	68	69	70	69	70	70	68	70	53	53	52	47	49	52	56	63	68	55	63	71		63.8
Thornburg	Maximum	88	85	88	91	90	89	90	97	96	94	97	96	93	92	94	97	97	92	72	77	74	80	77	78	80	86	74	77	82	87		87.0
	Minimum	69	65	63	62	65	61	65	64	63	61	65	62	63	63	62	62	64	63	52	43	41	35	51	52	62	71	64	56	66	66		59.7
Warren	Maximum	90	90	91	93	90	89	90	92	93	93	96	98	93	93	95	97	99	99	74	79	76	78	78	80	84	84	86	76	86	86		88.3
	Minimum	67	68	70	72	67	68	68	69	70	71	74	70	70	70	73	72	72	54	54	52	47	51	54	58	65	65	67	67	72	70		65.6
Wilson	Maximum	93	90	89	89	92	91	92	92	91	94	95	96	97	96	95	97	98	91	79	79	69	71	77	80	82	86	86	78	82	89		87.9
	Minimum	60	66	68	69	69	68	69	67	67	70	70	66	68	72	69	68	66	69	56	47	39	41	41	49	53	58	61	68	67	73		62.5
Wynne	Maximum	94	93	87	94	95	94	94	94	97	97	98	99	98	97	97	100	99	98	84	83	72	77	81	83	82	87	89	79	85	90		90.1
	Minimum	64	69	69	68	67	66	69	68	69	77	68	67	67	72	68	69	66	68	57	46	42	41	41	56	62	61	64	66	69	75		65.7

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., OCTOBER, 1927 No. 10

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UNIVERSITY OF ILLINOIS

GENERAL SUMMARY

The outstanding characteristic of the weather in Arkansas during October was the positive temperature departure, all sections showing positive departures and the monthly mean, 66.0°, has been exceeded but twice during the last 38 years. The extreme, 100°, has also been exceeded but twice in the month of October, and has never been equaled so late in the month. While the precipitation for the month averaged slightly above normal, there was a period from the 13th to the 28th when practically no rain occurred and the number of clear days and the percentage of sunshine were considerably above normal. Light to heavy frosts occurred from the 13th to the 19th, but no damage of consequence resulted. Killing frost was recorded at Lambrook on the 19th. The warm weather was very favorable for late cotton and bolls were still developing in northern and northeastern portions of the State at the close of the month. Corn was practically all matured, cotton picking and rice harvesting nearing completion, and threshing well under way at the close of the month. Except for the fact that the latter part of the month was too dry for the germination of fall grains, the weather as a whole was favorable for all farm activities.

A tornado, moving from southwest to northeast over a path about 200 yards wide, struck the town of Dell, Mississippi County, at 11:30 p. m. of the 11th, killing five, injuring 31, and doing property damage estimated at $30,000. W.C.H.

TEMPERATURE

The mean temperature for the month of October, as determined from the records of 56 stations, was 66.0° which is 3.8° above normal, all stations for which normals have been computed showing positive departures. The highest monthly mean was 71.2° at Pine Bluff, the lowest, 60.0° at Dutton, a difference of 11.2° between the northwestern and southeastern sections of the State. The highest temperature recorded was 100° at Dumas on the 26th, the lowest, 30° at Dutton on the 13th, and later dates. The greatest daily range was 55° at Harrison on the 19th.

PRECIPITATION

The average precipitation for 82 stations was 3.13 inches, which is 0.16 inch above normal. Monthly totals ranged from 8.25 inches at Dutton to 0.82 inch at Portland. The greatest amount measured in any 24 hour period was 5.30 inches at Lurton on the 1st. The average number of rainy days was 5.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 20; 2d, 22; 3d, 2; 6th, 7; 7th, 19; 8th. 2; 11th, 13th, 14; 18th, 1; 24th, 1; 25th, 4; 30th, 12; 31st, 10.

DENSE FOG:------3d, 4; 4th, 1; 5th, 2; 9th, 5; 10th, 5; 13th, 1; 14th, 1; 15th, 2; 16th, 1; 17th, 1; 19th, 1; 31st, 1.

KILLING FROST:--Lambrook, 19th.

HEAVY FROST:---Rogers, 13th, 14th, 18th; Helena, Marianna, Marked Tree, 19th.

LIGHT FROST:----Many stations, 13th to 19th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.02	30 31	14	29.52	11	3,616	26	s.	11	.....	.....	80
Fort Smith.	30.01	30.34	14	29.47	11	4,833	40	nw.	11	84	55	86
Little Rock.	30.03	30.35	14	29.55	11	5,220	38	s.	2	82	55	83
Memphis.	30.04	30.35	14	29.62	11	4,196	31	nw.	12	75	53	85

COMPARATIVE DATA FOR OCTOBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**62.2**		**101**		**12**		**2.97**		**18**	**6**	**7**	**5**
1891	60.4	−1.8	92	1	27	23	0.65	−2.32	25	4	2	2
1892	63.8	+1.6	92	3	27	26	3.26	+0.29	16	7	8	6
1893	60.5	−1.7	99	1	23	29	1.30	−1.67	24	4	3	3
1894	63.0	+0.8	96	23	24	21	1.52	−1.45	22	5	4	3
1895	57.1	−5.1	95	9	21	29	1.44	−1.53	19	6	6	4
1896	60.8	−1.4	98	4	25	18	3.59	+0.62	18	5	8	6
1897	67.6	+5.4	99	3	28	30	2.01	−0.96	21	6	4	3
1898	60.0	−2.2	100	4	23	26	5.44	+2.47	16	7	8	5
1899	65.6	+3.4	101	13	28	31	2.88	−0.09	19	7	5	5
1900	66.0	+3.8	97	6	32	10	4.31	+1.34	14	10	7	6
1901	63.7	+1.5	95	1	27	14	2.07	−0.90	18	9	4	4
1902	62.5	+0.3	90	9	27	28	2.68	−0.29	18	9	4	4
1903	60.9	−1.3	97	2	26	24	2.22	−0.75	17	8	6	4
1904	62.5	+0.3	100	5	20	20	0.94	−2.03	23	5	3	2
1905	61.1	−1.1	92	7	23	21	4.49	+1.52	15	11	5	7
1906	58.2	−4.0	94	22	25	31	2.38	−0.59	18	5	8	6
1907	61.9	−0.3	96	2	23	13	3.03	+0.06	16	7	8	6
1908	59.2	−3.0	93	14	24	28	0.48	−2.49	21	5	4	2
1909	63.0	+0.8	98	5	24	12	2.15	−0.82	21	6	4	3
1910	62.9	+0.7	96	1	16	29	5.19	+2.22	21	5	5	6
1911	62.7	+0.5	101	12	25	22	1.67	−1.30	14	9	8	5
1912	63.8	+1.6	96	7	22	23	2.97	0.00	18	8	5	4
1913	60.1	−2.1	95	6	18	30	5.41	+2.44	13	9	9	9
1914	63.0	+0.8	93	6	21	28	1.74	−1.23	13	8	10	5
1915	63.4	+1.2	94	16	26	9	2.83	−0.14	22	4	5	4
1916	62.8	+0.6	96	7	21	21	2.30	−0.67	21	4	6	4
1917	56.6	−5.6	99	4	12	30	1.89	−1.08	21	5	5	5
1918	65.6	+3.4	100	5	30	31	3.99	+1 02	13	5	12	8
1919	66.6	+4.4	98	2	33	19	10.90	+7.93	6	5	20	14
1920	64 2	+2.0	93	18	25	28	4.39	+1.42	16	6	9	7
1921	61.6	−0.6	96	19	27	8	0.72	−2.25	23	4	4	3
1922	63.1	+0.9	98	4	20	18	1.47	−1.50	18	6	7	4
1923	59.2	−3.0	94	1	20	23	3.53	+0 56	12	9	10	7
1924	64.9	+2.7	96	12	21	25	0.29	−2.68	24	4	3	1
1925	58 7	−3.5	98	1	13	31	7 73	+4.76	12	5	14	10
1926	64.9	+2.7	99	2	23	25	5.77	+2.80	15	5	11	8
1927	66.0	+3.8	100	26	30	13	3.13	+0.16	22	4	5	5

Corrections: September, 1927

Mena:-Mean temperature sholud be 74.7, departure +0.9.

Climatological Data for October, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	32	67.7	+4.9	94	24	36	18	46	1.80	−1.18	1.07	0.0	5	20	9	2	sw	G. C. Thrash.
Arkadelphia	Clark	250	31	.....	.....	.....	.....	.....	.....	.....	2.23	−0.60	0.75	0.0	6	22	3	5	n.	F. J. Carpenter
Arkansas City	Desha	145	43	.....	.....	.....	.....	.....	.....	.....	1.72	−0.48	0.97	0.0	5	24	0	7	.....	Carl R. Cutting
Arlberg	Stone	700	5	.....	.....	.....	.....	.....	.....	.....	2.15	.....	1.25	0.0	5	23	5	3	.....	J. D. Reeves
Batesville	Independence	277	28	62.8	+1.6	90	27	34	18†	46	2.14	−0.72	1.22	0.0	3	18	8	5	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	35	65.4	+2.8	91	25	36	14†	42	3.57	+0.75	2.00	0.0	5	21	4	6	s.	J. E. Scanlan.
Bentonville	Benton	1303	22	62.8	+4.8	85	24	37	18	41	2.80	+0.01	2.38	0.0	7	22	7	2	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25	.....	.....	.....	.....	.....	.....	.....	2.30	−0.27	0.88	0.0	5	26	1	4	s.	Vernon C. Howe
Blytheville	Mississippi	252	2	64.9	.....	93	1	35	19	42	4.70	.....	2.10	0.0	4	25	3	3	s.	J. M. Brooks
Booneville	Logan	465	13	66.8	+3.5	92	23	38	18†	47	4.84	+1.95	2.86	0.0	6	25	2	4	w.	F. H. Randolph
Brinkley	Monroe	205	40	64.7	+2.6	90	1†	31	19	43	2.15	−0.77	1.15	0.0	4	23	6	2	se.	R. J. Terry
Calico Rock	Izard	361	23	63.9	+3.7	94	23	35	18	49	2.64	+0.13	1.30	0.0	6	21	6	4	s.	W. J. Copp
Camden	Ouachita	158	42	65.5	+1.8	89	6†	36	18†	48	1.58	−1.23	0.65	0.0	6	18	5	8	ne.	A. B. Quarterman
Center Point	Howard	470	28	69 8	+6.2	90	6	43	18	34	3.18	+0.32	1.15	0.0	6	23	2	6	s.	John C. Floyd
Clarendon	Monroe	200	23	.....	.....	.....	.....	.....	.....	.....	2.77	−0 27	1.45	0.0	5	21	5	5	n.	J. W. Bishop
Clinton	Van Buren	516	6	.....	.....	.....	.....	.....	.....	.....	2.84	.....	0.93	0.0	6	15	11	5	w.	A. L. Stephens
Cold Springs	Scott	1250	1	.....	.....	.....	.....	.....	.....	.....	6.16	.....	2.40	0.0	6	20	7	4	sw.	Otto Parker
Conway	Faulkner	309	44	65.8	+2.7	90	6	37	19	40	3.43	+0.78	1.78	0.0	4	26	1	4	s.	E. E Cordrey
Corning	Clay	293	34	65.4	+6.4	91	28	33	19	41	3 13	−0.14	1.46	0.0	4	28	0	3	se.	Winfred D Polk
Dam No. 1 ‡‡	White	190	4	.. ..	.....	.....	.....	.....	.....	.....	2.23	.....	1.48	0.0	2	25	1	5	nw.	J. O. Yingling
Danville	Yell	327	11	.....	.....	.....	.....	.....	.....	.....	3.49	−0.32	1.57	0.0	5	20	3	8	w.	C P. Evans
Dardanelle	Yell	330	41	66.6	+3.6	90	6	40	14	36	2.55	−0 09	1.30	0.0	6	16	13	2	se.	G. N. Goodier, Jr.
Dumas	Desha	162	21	68.6	+3.4	100	26	36	19	48	2.03	−1.25	0.99	0.0	4	19	9	3	s.	Ben Johnson.
Dutton	Madison	1590	24	60.0	+1.9	86	24	30	13†	49	8.25	+5.25	3.18	0.0	6	25	3	3	s.	J. M Ricketts
El Dorado	Union	270	26	69.1	+4.3	91	23	40	19	39	2.08	−0.75	0.65	0.0	7	19	7	5	n.	J. J. Babb
England	Lonoke	229	20	67.0	+3 8	92	24	37	19	40	2.23	−0.55	1.51	0.0	5	25	3	3	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	65.6	+5.3	90	25	36	18	41	4.10	+1.07	1.51	0.0	6	21	8	2	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	40	63.7	+2 8	90	24	34	18	44	2.75	−0.44	0.90	0.0	7	24	5	2	s.	University of Arkansas
Fort Smith	Sebastian	457	46	67.0	+4.2	87	25	43	13	38	2.55	−0.28	1.75	0.0	5	23	4	4	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3	.....	.....	.....	.....	.....	.....	.....	4.96	....	2.31	0.0	5	24	3	4	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41	.....	.....	.....	.....	.....	.....	.....	1.84	−0.53	0.60	0.0	8	21	5	5	.....	T. J. Logan
Georgetown	White	200	15	.....	.....	.....	.....	.....	.....	.....	2.46	−1.67	1.55	0.0	4	23	1	7	w.	W. R. Owens.
Gilbert	Searcy	675	4	.....	.....	.....	.....	.....	.....	.....	3.42	.....	1.35	0.0	6	23	4	4	.....	Ben F. Battenfield
Gravette	Benton	1250	30	63.4	+3.4	87	23	33	13	42	5 12	+2.08	3.45	0.0	5	23	5	3	sw.	A. F. Stevens
Helena	Phillips	193	55	66.8	+4.3	93	1	36	19	40	1.85	−0.71	0.72	0.0	5	23	1	7	ne.	James A. Burnett
Higden	Cleburne	445	9	.....	.....	.....	.....	.....	.....	.....	3.17	.....	1.63	0.0	6	22	1	8	w.	Geo. W. Baker
Hope	Hempstead	377	56	69.0	+3.4	95	6†	37	18	44	1.64	−1.71	0.64	0.0	5	21	6	4	s.	N. P. O'Neal
Hot Springs	Garland	600	36	66.9	+3.0	90	25†	38	18	36	3.10	−0.01	1.92	0.0	4	22	2	7	.....	G. C. Bolton
Index	Little River	275	2	.....	.....	.....	.....	.....	.....	.....	2.58	.....	0 75	0.0	6	21	3	7	.....	H. D Sanderson
Jessieville	Garland	750	1	.....	.....	.....	.....	.....	.....	.....	3.25	.....	1.50	0.0	4	24	2	5	s	George Casey
Jonesboro	Craighead	345	32	64.2	+1.7	89	1	36	19†	44	2.55	−0.78	0.92	0.0	5	27	3	1	sw	Benedictine Sisters
Junction ‡‡	Union	182	33	70.2	+6.0	94	3	40	13	35	1.28	−1.77	0.81	0.0	3	23	4	4	sw.	J. A. Lowdenback
Lambrook	Phillips	155	4	65.6	.....	89	25†	32	19	41	1.25	.....	0.55	0.0	4	26	1	4	.....	Mrs. D. C. White
Little Rock	Pulaski	357	48	67.2	+3.6	88	24	43	13	32	1.37	−1.18	0.78	0.0	4	24	3	4	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	63.8[c]	.....	84[1]	24	38[b]	19	25[1]	8.04	.....	5.30	0.0	8	22	4	5	s.	L. C. Sutton
Lutherville ‡‡	Johnson	775	29	65 4	+3.6	88	6†	39	14	35	5.02	+1.34	2.09	0.0	5	21	2	5	sw.	H G. Leibhardt
Magnolia	Columbia	315	8	68.0[a]	.....	91[a]	5†	32[a]	18	40[a]	1.78	.....	1.08	0.0	3	20[a]	6[a]	4[a]	n.	State Agri. School
Malvern	Hot Springs	277	40	66.8	+4.0	93	25	36	19	43	2.08	−0.63	1.10	0.0	6	25	3	3	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	22	61.6	+3.2	88	6†	32	19	46	2.04	−0.81	1.23	0.0	4	22	5	4	se.	E. C. Bellamy
Marianna	Lee	235	15	65.0	+1.4	85	1	37	19	35	1.80	−1.89	0.98	0.0	3	20	10	1	s.	C. N. Brock
Marked Tree	Poinsett	229	22	61.6	.....	88	5†	33	18	45	4.74	+0.48	1.58	0.0	5	26	2	3	n.	Charles Walton
Marshall	Searcy	1070	13	64.4	+2.9	88	6	31	13	47	4.59	+1.88	2.43	0.0	7	21	3	4	sw.	A. J. Park
Mena	Polk	1185	39	65.2	+2.4	87	25	40	14†	36	6.33	+2.96	2.66	0.0	8	19	5	7	w.	E. W. St. John
Morrillton	Conway	347	6	66 2	.....	89	19	40	14†	49	7.71	.....	1.22	0.0	4	18	4	9	se.	John Cook
Mountain Home	Baxter	800	13	64.6[f]	+5.3	91[f]	24†	33[f]	14	51[f]	2.54	−0.91	1.40	0.0	5	16[c]	3[c]	7[c]	w.	B. S. Hulbert
Newport	Jackson	231	43	67.0	+5.6	92	6†	36	19	42	2.38	−0.29	1.62	0.0	5	24	5	2	n.	A. C. Wilkerson
Oden	Montgomery	800	1	... ..	.....	..	...	..	..	..	5.51	.. ...	2.38	0.0	7	22	5	4	sw.	Arthur W. Hartman
Osceola	Mississippi	240	29	66.9	+5.3	92	26	35	20	42	4.15	+1.90	1 60	0.0	4	24	4	3	s	June Thomason
Ozark	Franklin	396	31	66.0	+2.4	90	24†	39	14†	43	4.43	+1.58	2.00	0 0	6	21	3	4	sw.	Isham Purrow
Paragould	Greene	301	1	.....	.....	.....	.....	.....	.....	.....	2.37	.....	1 25	0.0	3	..	..	..	.....	W. R. Heagler
Patterson	Woodruff	196	11	.....	.....	.....	.....	.....	.....	.....	2.33	−1.86	0.90	0.0	4	27	0	4	s.	W. C Baker
Piggot	Clay	307	3	.....	.....	.....	.....	..	.....	.....	3.01	.....	1.78	0.0	3	21	8	2	nw.	V. C. Wright
Pindall	Searcy	1500	5	.....	.....	.....	.....	.....	.....	.....	8.16	.....	4.20	0.0	5	22	3	5	sw	W. W. Wood
Pine Bluff	Jefferson	215	40	71.2	+8.6	97	25†	39	19	46	1.21	−1.40	0.50	0.0	5	24	2	5	nw.	Miss Theresa Schou
Pocahontas	Randolph	300	34	65.0	+2.1	91	23†	34	19	43	2.52	−0.30	1.65	0 0	4	22	6	3	s.	Benedictine Sisters
Portland	Ashley	122	21	67.8	+3.0	93	25	34	19	43	0.82	−1.92	0.65	0.0	3	18	10	3	w.	W. E. Edmiston
Prescott	Nevada	329	39	68.8	+4.4	91	1†	41	13†	41	1.70	−0.79	0.64	0.0	7	23	1	7	n.	C. D. Calhoun
Princeton	Dallas	287	21	.....	.....	.....	.....	.....	.....	.....	1.44	−1.34	1.02	0.0	3	27	0	4	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	26	66.0	+2.4	87	24	37	19	37	1.02	−1.86	0 42	0.0	3	19	8	4	sw.	Mrs. M. V Tisdal
Rogers	Benton	1385	36	62.7	+3.1	86	23†	34	13†	46	2.62	−0.19	0.82	0.0	6	19	10	2	s.	Carl A. Starck
Searcy	White	236	18	65.2	+2.9	89	6†	35	19	41	1.83	−1.31	0.80	0.0	4	25	0	6	s	J. T. Bell.
Springbank ‡‡	Miller	240	20	.. ..	.....	.....	.....	.....	.....	.....	3.60	+0.54	2.40	0.0	4	24	0	7	.....	Miss Grace Field
Story	Montgomery	700	3	.....	.....	.....	.....	.....	.....	.....	2.99	.....	0 86	0.0	6	22	4	5	n.	S C. Story
Stuttgart	Arkansas	228	40	66.2	+3.4	90	6	35	19	40	2.41	−0.52	1.03	0.0	3	23	5	3	s.	Adam F Buerkle
Subiaco	Logan	1050	30	67.6	+4.2	94	27	39	14	43	7.08	+3.99	3.70	0.0	5	22	2	7	s.	New Subiaco Abbey
Texarkana	Miller	332	41	70.2	+5.6	97	21	40	13	48	2.57	-0.14	0.93	0.0	8	23	3	5	n.	H. S. Brashear
Thornburg	Perry	650	3	62.8	.....	88	23†	30	18	50	4.15	.....	2.00	0.0	6	24	1	6	n.	Edward E. Holmes
Waldron	Scott	675	8	.....	.....	.....	.....	.....	.....	.....	4.62	.....	1.51	0.0	6	23	3	5	ne.	Dr. Cheves Bevill
Warren	Bradley	206	33	66.8	+3.0	87	1†	38	18	37	0.90	−2.59	0.50	0.0	3	23	5	3	n.	W. L. Shide
Waters	Montgomery	800	3	.....	.....	.....	.....	.....	.....	.....	5.34	.....	2.68	0.0	5	19	5	7	w.	J. R. Huddleston
Whitecliffs	Little River	290	28	.....	.....	.	.....	.....	.....	.....	2.75	−0.23	1.46	0.0	4	21	2	8	ne.	Nannie O. Schirmer
Wilson	Mississippi	237	2	64.1	.....	90	1	38	19	42	4.48	.....	2.83	0.0	3	25	4	2	s.	M. W. H. Collins
Wynne	Cross	250	19	64.7	+1.7	90	28	33	19	42	3.80	−0.09	1.62	0.0	4	22	5	4	n	E. O. Allen
Yancopin	Desha	167	3	.....	....	.....	.....	.....	.....	.....	1.63	.....	0.71	0.0	4	20	5	6	.....	W. E. Barton
State Means and Extremes				66.0	+3.8	100	26	30	13	55	3.13	+0.16	5.30	0.0	5	22	4	5	s	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates ‡‡Post office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R. F. D., Junction City, Ark.: Lutherville R. F. D. No 1 Lamar, Ark.; Springbank, Doddridge, Ark.

Daily River Stages for October, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.8	10.8	20.4	24.2	24 7	23 2	20.4	18.3	17.5	17.8	17.2	16.8	15.2	14.5	13.1	11 1	9.9	9.3	8.5	7 8	7.6	7.4	7.1	7.0	6.8	6 6	6 5	6.4	6.3	6.1	5.1
Dardanelle	do	20	13.5	15 4	19.3	21.0	22.8	23.2	21.8	19.0	17 3	15.6	14.0	14.9	13.8	13.0	11 8	9.7	8.8	7 9	7.0	6.5	6.0	5.6	5.4	5.2	5 1	5.1	4.9	4 8	4.7	4.7	4.8
Little Rock	do	23	4.9	11.4	14.5	17.8	19.5	20.8	20.9	20.1	18.5	16.9	15.5	15 0	14.6	14.0	12.8	11.8	10.5	9.8	7 8	6 5	5.9	5.1	4 6	4.0	4.0	4 0	3.8	3.4	3.0	3.0	
Pine Bluff	do	25	8.0	12.4	16 4	18.5	20.5	22.0	23.3	23.8	22.8	21.3	20.1	19.2	18.6	18.1	17.6	16 4	15.5	14.4	13.1	12.0	11.2	10.7	10.2	9 8	9.5	9.2	9 0	8.8	8.6	8.5	8 3
Yancopin	do	20	10.2	11.1	16.8	20.2	24.0	25.9	27.2	28.2	28.7	28.8	28.5	28.0	27.6	27.2	26.8	26.2	25.4	24.6	23 4	22.2	21.3	20.6	19.9	19 0	18 1	17.2	16.3	15.5	14 8	14.2	13.7
Danville	Petit Jean	20	1.8	3.2	20.5	21 7	20.5	15.8	12.2	10.3	8.2	7.6	6.8	6.8	6.8	6.4	6.2	5.7	5.2	4.8	4.5	4.1	2.1	2.0	1.8	1.8	1.7	1.5	1.5	1.4	1.4	1.3	2.1

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	9.4	17.1	25.1	28.2	22.2	18.5	14.0	8.5	8.3	7.5	6.9	6.1	5.5	5.8	5.1	4.7	4.3	4.0	3.7	2.7	2.6	2.9	2.8	2.8	2.4	2.2	2.2	2.0	1.8	1.8	1.8
Batesville	do	23	13.1	17.6	25.1	31.4	31.8	27.9	21.5	17.9	11.8	11.1	13.4	12.7	11.7	11.6	11.3	10.5	10.1	9.6	9.3	8.8	8.1	8.1	8.1	8.3	8.0	7.4	7.6	7.5	7.1	6.9	6.8
Newport	do	26	11.3	14.0	19.3	23.0	26.1	27.8	28.0	27.3	25.2	23.4	21.4	19.5	17.3	15.4	13.4	12.0	11.0	9.9	9.0	8.1	7.1	6.5	6.2	6.0	5.9	5.7	5.2	4.9	4.9	4.8	4.7
Dam No. 1	Little Red	..	8.8	10.9	13.4	12.0	8.8	7.2	6.0	7.2	7.0	6.2	5.5	5.0	4.4	3.0	2.2	1.6	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	0.8	1.0	1.2	1.4	1.6
Georgetown	White	22	6.0	12.2	14.5	16.5	17.5	17.3	18.5	20.4	21.6	22.0	21.9	21.7	21.4	20.7	20.2	19.8	19.4	18.6	17.7	16.6	15.5	14.2	13.1	12.1	10.1	9.2	8.5	7.7	7.4	7.0	6.5
Clarendon	do	30	12.8	13.0	15.2	17.2	18.6	19.6	20.4	21.1	21.7	22.3	23.0	24.0	24.9	25.7	26.2	26.5	26.7	26.8	26.8	26.6	26.3	25.9	25.4	24.8	24.1	23.3	22.3	21.3	20.2	19.0	17.9
Gilbert	Buffalo	30	12.2	22.0	23.6	9.0	7.3	6.8	6.3	6.2	5.7	5.5	5.4	6.2	6.0	5.3	4.9	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.9	3.8
Corning	Black	11	9.9	11.3	11.8	11.9	11.4	10.8	10.3	10.4	10.4	10.0	9.5	9.1	9.2	9.1	8.7	8.4	8.2	8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.3	7.2	7.2	7.1	7.0	7.0	7.0
Black Rock	do	14	15.0	15.0	10.9	10.8	9.0	8.1	8.8	9.4	9.0	8.5	7.8	7.4	7.0	6.8	6.1	6.0	5.7	6.0	6.2	6.4	6.5	6.5	6.5	6.4	6.1	5.8	5.6	5.4	5.3	5.2	5.2
Patterson	Cache	9	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.3	4.4	4.6	4.8	5.0	5.2	5.4	5.5	5.7	6.0	6.2	6.4	6.5	6.5	6.5	6.4	6.1	5.8	5.6	5.4	5.3	5.2	5.2	5.2
Arkadelphia	Ouachita	18	-0.2	-0.4	-0.3	-0.2	0.0	1.0	4.5	4.8	4.0	2.2	0.8	0.5	0.3	1.0	0.8	0.2	0.0	0.0	0.0	-0.1	-0.2	-0.3	-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.5
Camden	do	30	4.4	4.4	4.3	3.9	3.5	4.6	4.1	3.9	7.2	9.1	7.6	6.8	5.7	5.5	5.5	5.2	4.9	4.5	4.3	4.1	4.0	3.9	3.8	3.7	4.1	4.0	4.0	3.7	3.7	3.9	4.0
Fulton	Red	28	6.7	6.8	6.9	6.9	13.2	15.8	15.8	14.0	13.2	14.3	14.7	14.4	14.1	13.1	13.4	11.7	10.9	10.1	9.6	9.4	9.0	8.7	8.5	8.1	8.0	7.8	7.7	7.6	7.5	7.4	7.3
Springbank	do	37	8.0	8.0	8.0	8.0	8.0	8.0	15.0	15.8	13.8	13.8	14.0	14.2	13.7	13.3	13.0	12.7	12.5	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6	9.4	9.6	8.6	8.4	8.2	8.0
Whitecliffs	Little	28	2.0	2.0	2.2	1.8	2.8	4.6	6.8	5.6	4.4	3.6	2.6	2.2	2.2	2.1	2.1	2.8	2.7	2.3	2.2	1.7	1.8	1.8	1.7	1.4	1.3	1.2	1.2	1.2	1.0	1.0	1.0
Marked Tree	St. Francis	17	3.3	3.2	3.5	3.6	3.7	3.7	4.3	4.6	4.7	4.9	5.0	5.2	5.4	5.7	6.8	7.0	7.0	6.0	7.0	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.0	4.9
Helena	Mississippi	44	7.8	8.1	8.8	9.9	11.2	12.3	13.6	16.7	20.1	22.2	23.3	24.1	24.2	24.0	23.9	24.0	24.2	24.3	24.2	23.9	23.4	22.7	21.8	20.6	19.2	17.8	16.7	15.8	15.2	14.9	14.6
Arkansas City	do	48	10.5	10.7	11.0	12.5	15.9	18.8	21.0	23.0	25.5	28.0	30.0	31.0	31.5	32.0	32.0	31.5	31.0	31.0	30.3	30.4	30.0	29.5	28.7	27.8	27.0	26.2	24.5	23.0	22.0	21.0	20.0

Daily Precipitation for October, 1927

Stations	Drainage-basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita			.27				1.07	.04				.07																			.35	1.80
Arkadelphia	Ouachita	.32		.75				.26	.33				.30																			.27	2.23
Arkansas City	Mississippi	.40	.97					.10	.10				.15																				1.72
Arlberg	White	.15	1.25					.20					.42																			.18	2.15
Batesville	White	T.		.50				T.	1.22				.42																			T.	2.14
Bee Branch	Arkansas	.14	.86					2.00					.35																			.22	3.57
Bentonville ***	Arkansas	.80	1.62					.13				.12																			.06	.06	.01	2.80
Black Rock	White	.12		.50				.83	.54				.26																					2.30
Blytheville	Mississippi			1.08				.02	2.10				1.50																					4.70
Booneville	Arkansas	2.86	1.07					T.	.12			.27																			.27	.25	4.84
Brinkley	White	.19		1.15					.51				.30																					2 15
Calico Rock	White	T.	.05	1.30				.10	.28				.71																				.25	2.64
Camden	Ouachita	.22		.47				.06	.65				.06																				.12	1.58
Center Point	Red	.02	.80					1.15					.08																			.05	1.08	3.18
Clarendon	White	.02		.83					1.45	.02			.45																					2.77
Clinton	White	.32	.93					.78				.66																			.14	.01	2.84
Cold Springs	Arkansas	2.40	.92					.01	.07	.53																						2.23		6.16
Conway	Arkansas		1.78					1.25				.17																					.23	3.43
Corning	White	.12		.66				1.46					.89																					3.13
Dam No. 1	White						.75	1.48																								T.	2.23
Danville	Arkansas		.35	.57				.20	T.				.15																				.92	3.49
Dardanelle	Arkansas	.09	.05	1.30					.10				.41																				.60	2.55
Dumas	Mississippi	.04	.99					.80	T.				.20																					2.03
Dutton	White	1.87	3.18					1.12					.44														.01						.20	1.44	8.25
El Dorado	Ouachita	.60		.82				.12	.65	.01			.07																					2.08
England	Arkansas	.01	.31	.07				1.51	T				.40																					2.33
Eureka Springs	White	1.36	1.51					.15					.35																			.11	.32	4.10
Fayetteville	White	.47	.90				T.	.47				.06	.89																			T.	.22	.13	2.55
Fort Smith ***	Arkansas	.41	1.99						T.			.20																					.08	.38	2.75
Freeman Sprgs.	Arkansas	.13	1.70	2.31				.60	.16	.15			.35																					.47	4.96
Fulton	Red	.19	.15	.21				.12	.65				.05																					.33	1.84
Georgetown	White	1.55		.14				T.	.15				.50																					2.46
Gilbert	White	.03	.90	1.35				.21				.41																					.25	.46	3.42
Gravette	Arkansas	.80	3.45						.72	.01			.70																						5.12
Helena	Mississippi	.04		.38																													.04	.06	1.85
Higden	White	.02	.91				1.63						.61																						3.17
Hope	Red	.03	.64					.50				.15																				T.	.32	T.	1.64
Hot Springs	Ouachita	T.	.46					1.92	T.																								T.	.51	3.10
Huttig	Ouachita								.57																										
Index	Red		.75	.16				.72	.05				.14																					.36	2.18
Jessieville	Ouachita	.50	1.50					.50					.92																				.75		3.25
Jonesboro	White	.30		.38				.23	.72				.35																						2.55
Lambrook	White	.25		.24					.21				.55																						1.25
Little Rock ***	Arkansas	T.	.43					.78				.13																				T.	.03	1.37
Lurton	White	5.30	1.71	.02				.02				.15	.59																				.10	.15	8.04
Lutherville	Arkansas	2.09	1.91					T.				T.	.32																				.41	.29	5.02
Magnolia	Red	.10	.69					1.08																											1.78
Malvern	Ouachita	.12		.48				1.10	.11				.02																					.25	2.08
Mammoth Spg.	White	T.	1.23					.15				T.	.55																					.11	2.04
Marianna	Mississippi			.98				.50	.03				.29																						1 80
Marked Tree	Mississippi	.02		1.12				.60	1.58				1.12																						4.74
Marshall	White	.22	2.43					.12				.20	1.20																				.22	.20	4 59
Mena	Ouachita	1.50	.55	.75				.34	.31				.07																				.15	2.66	6.33
Morrilton	Arkansas			1.22					.80				.22																					.47	2.71
Mountain Home	White	.46		1.40				T.					.33																				.12	.23	2.54
Newport	White	.16		.38				.10	1.62				.12																						2.88
Olen	Ouachita	.29	1.32				1.27	.19				.06																							5.51
Osceola	Mississippi			1.10				.20	1.60				1.25																					.52	.86	4.15
Ozark	Arkansas	.55	2.00	.65				.12					.28																					.83	4.43
Paragould	Mississippi	.40		.72				1.25																											2.37
Patterson	White	.60		.90				.68					.15																						2.33
Piggot	Mississippi		.48					1.76					.75																					.47	3.01
Pindall	White	4.20	2.12					.84					.53																						8.16
Pine Bluff	Arkansas	.21		.16				.04	.50	T.			.30																					.05	1.21
Pocahontas	White		.55					1.65					.27																						2.52
Portland	Ouachita			.65				.02	.15																		T.					.31	.03	0.82
Prescott	Ouachita	.13	.61					.25	.14			.19																1.02						1.70
Princeton	Ouachita								.32	.10			.25																						1.44
Rison	Ouachita		.42					.35																										.21	1.02
Rogers	White	.64	.82					.56				.20	.09																						2.62
Searcy	White	.12		.80					.80				.16																					.40	1.88
Springbank	Red	T.	T.	.50				.30	2.40	T.			T.																						3.60
Story	Ouachita	.60	.48					.86	.15						.18																	.72		2.99
Stuttgart	Arkansas		.93					1.03				.45																				.04	.06	3.17
Subiaco	Arkansas	3.70	2.70					T.	T.			T.	.20																				.45	.03	7.08
Texarkana	Red		.25	.40				.93	.27	.05			.16														.05						.52	2 57
Thornburg	Arkansas	.02	2.00	.01				1.52				T.	.25																			T.	.35	4.15
Waldron	Arkansas	1.51	1.37					.27	.24				.43																			.80		4.62
Warren	Ouachita		.30				.50	.10																										0.90
Waters	Ouahita	.76	1.82					.18					.40																				2.68	5.34
Whitecliffs	Red	.12		.28				1.46					T.																				.89	2.75
Wilson	Mississippi		.75					2.85					.90																						4.48
Wynne	Mississippi	.60		1.10					1.62				.48																						3.80
Yancopin	Arkansas	.17		.71					.41				.31																						1.63

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‡ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measurement.

Daily Temperatures for October, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	88	78	83	83	90	90	88	78	78	79	87	78	82	77	86	86	76	71	83	88	88	89	89	94	93	93	92	90	84	77	78	84.4
	Minimum	69	70	64	51	50	60	50	55	46	45	52	52	40	39	40	41	51	36	39	48	49	57	51	57	52	58	50	49	49	54	57	51.0
Batesville§§	Maximum	86	78	82	74	83	86	70	63	77	77	81	63	68	68	74	79	68	64	75	83	82	84	88	89	88	89	90	87	83	78	77	78.5
	Minimum	67	73	58	47	46	50	64	51	44	44	46	49	37	35	38	38	41	34	34	37	45	42	45	50	47	47	47	48	47	50	58	47.1
Bentonville	Maximum	73	70	75	77	80	84	59	68	73	75	78	60	63	73	77	78	68	69	83	82	82	82	85	85	85	84	84	83	81	70	72	76.1
	Minimum	68	53	48	46	54	59	46	44	40	46	50	43	38	37	46	46	47	37	42	46	48	50	56	50	51	52	55	56	61	61	56	49.4
Bee Branch	Maximum	83	81	80	81	85	88	83	85	79	79	82	78	71	71	76	83	79	68	78	87	86	84	88	90	91	90	90	87	81	76	76	81.2
	Minimum	69	62	57	51	47	61	58	50	40	45	51	48	39	36	40	43	46	37	36	49	50	47	51	52	51	52	52	52	53	52	57	49.5
Blytheville	Maximum	93	88	83	78	87	89	71	69	78	81	85	75	75	69	76	79	67	66	73	82	80	84	90	89	87	87	88	90	88	86	75	80.9
	Minimum	70	66	63	53	47	61	51	50	41	48	49	51	40	39	40	44	43	38	35	42	42	42	50	54	53	50	48	50	50	53	53	48.9
Booneville	Maximum	83	79	81	78	88	88	84	68	80	80	84	74	72	74	80	84	76	74	87	88	88	89	92	91	91	90	90	89	84	74	79	82.5
	Minimum	69	67	58	48	54	66	63	48	45	45	55	49	38	38	43	44	52	38	40	46	48	48	50	51	53	52	53	50	55	62	59	51.2
Brinkley	Maximum	90	85	81	77	87	89	80	63	75	80	85	78	71	70	75	81	70	64	74	81	83	84	87	88	89	90	88	89	89	83	80	80.8
	Minimum	71	69	64	49	45	63	62	52	43	43	50	51	38	35	36	39	46	37	31	42	43	42	49	54	50	49	49	49	48	53	56	48.6
Calico Rock§§	Maximum	83	77	82	78	86	91	68	67	80	82	83	67	70	72	79	80	69	68	80	84	85	91	94	90	89	90	92	89	83	84	78	81.0
	Minimum	66	75	56	47	47	49	62	51	44	45	46	47	44	38	39	40	42	35	35	37	42	42	45	48	43	44	46	46	47	49	55	46.8
Camden§§	Maximum	88	84	81	80	87	89	75	63	75	80	86	71	76	74	75	80	74	68	78	84	86	87	86	88	89	88	88	87	85	84	81	81.2
	Minimum	67	69	69	55	53	58	70	56	49	44	51	50	40	38	38	40	41	36	36	36	47	47	47	53	53	52	50	50	49	50	50	49.8
Center Point	Maximum	85	80	88	80	87	90	86	71	77	78	84	81	75	74	76	83	76	71	80	88	88	86	86	88	89	88	88	87	83	78	71	82.0
	Minimum	71	70	61	56	59	70	68	57	47	52	59	48	44	50	47	53	54	43	46	54	59	59	61	61	64	65	64	62	63	61	60	57.7
Conway	Maximum	86	78	79	77	87	90	78	65	75	81	83	74	73	72	75	80	71	65	77	84	83	86	88	88	88	88	88	89	84	78	78	80.3
	Minimum	70	63	60	49	49	65	61	54	47	46	52	52	40	38	41	44	49	38	37	50	50	48	51	54	53	52	52	52	54	55	60	51.2
Corning	Maximum	87	87	84	81	84	89	80	84	78	79	80	78	67	68	75	75	72	63	72	80	78	82	89	81	89	88	89	91	88	84	89	81.0
	Minimum	67	64	64	46	61	61	54	55	58	59	56	50	40	36	40	44	42	36	33	42	46	41	52	50	52	54	48	50	49	52	43	49.8
Dardanelle	Maximum	87	78	82	77	87	90	81	64	76	80	86	79	72	70	74	81	74	68	77	83	81	88	85	86	85	85	86	88	85	78	75	80.3
	Minimum	71	64	63	52	54	66	62	55	45	47	54	51	41	40	43	46	51	41	41	48	50	52	54	54	54	54	54	54	57	61	60	52.9
Dumas	Maximum	90	86	82	84	87	92	80	72	75	84	87	75	79	80	81	83	74	68	80	85	87	92	94	97	98	100	98	89	93	92	86	85.4
	Minimum	73	69	67	55	52	64	70	54	49	46	51	53	42	41	40	43	49	39	36	46	47	47	51	54	54	52	51	51	52	52	56	51.8
Dutton	Maximum	74	71	61	73	79	81	71	76	74	73	77	71	64	79	76	78	71	69	80	81	82	79	84	86	84	85	84	81	79	71	69	76.2
	Minimum	64	58	59	39	45	61	50	47	34	38	60	42	30	30	32	37	38	30	33	37	40	41	44	43	42	44	41	44	50	54	50	43.8
El Dorado	Maximum	90	82	84	82	90	90	82	70	75	83	88	75	78	74	74	80	74	69	79	85	85	89	91	90	90	90	89	90	86	87	84	83.1
	Minimum	74	70	69	59	57	68	70	57	54	48	54	54	44	44	43	42	52	42	40	53	53	53	55	57	57	57	55	54	57	54	63	55.1
England	Maximum	88	83	81	80	88	90	82	66	71	82	85	73	74	73	76	82	73	65	77	84	86	87	89	92	90	91	91	91	84	84	80	81.9
	Minimum	70	70	64	50	50	65	66	54	46	45	53	52	41	40	40	43	50	40	37	48	50	47	52	60	55	52	52	52	54	53	61	52.0
Eureka Springs	Maximum	76	73	76	80	80	84	76	71	75	76	75	74	67	75	79	81	73	71	85	86	84	82	87	89	90	88	87	85	82	72	73	79.2
	Minimum	65	61	47	46	54	64	50	44	40	47	57	43	41	38	51	50	46	36	44	52	52	57	64	56	55	57	61	59	62	60	54	52.0
Fayetteville	Maximum	80	72	76	77	80	84	78	67	74	77	80	65	65	72	78	80	75	67	83	83	84	83	86	90	85	86	86	84	81	74	70	78.2
	Minimum	67	62	46	42	55	67	51	45	39	46	60	43	35	35	47	44	49	34	39	44	43	47	55	48	49	50	53	53	60	61	55	49.2
Fort Smith	Maximum	80	76	78	76	86	86	75	69	76	79	83	64	69	72	78	81	71	71	84	86	85	85	87	87	87	87	87	85	83	71	77	79.4
	Minimum	69	60	55	53	56	66	58	53	47	51	56	49	43	44	48	49	55	47	46	54	54	54	55	56	57	58	59	57	62	59	59	54.5
Gravette	Maximum	78	71	74	78	85	83	79	67	73	77	70	59	64	73	79	78	76	77	83	82	83	84	87	87	87	86	85	83	80	80	79	78.3
	Minimum	66	68	46	42	51	67	46	42	37	48	46	41	33	37	45	44	39	35	41	44	44	46	55	48	49	54	57	56	63	60	54	48.5
Helena	Maximum	93	87	88	80	90	89	80	73	77	82	86	79	75	71	77	82	69	63	75	81	81	83	88	89	87	87	86	86	85	83	77	81.6
	Minimum	72	70	66	57	50	61	70	54	48	47	49	54	43	40	40	42	49	41	36	47	50	44	52	55	55	53	52	52	51	53	55	51.9
Hope	Maximum	92	78	86	83	93	95	82	73	79	84	91	73	80	79	79	85	76	72	80	90	92	92	92	95	94	93	94	92	89	86	81	85.5
	Minimum	70	71	66	56	53	69	69	57	49	45	55	50	42	40	40	42	50	37	40	47	48	48	53	55	54	54	52	50	50	56	58	52.5
Hot Springs	Maximum	87	81	82	79	86	87	83	79	77	78	84	77	73	75	77	80	82	71	82	86	84	86	87	89	90	90	89	87	86	75	71	81.9
	Minimum	69	69	61	51	51	52	61	50	46	47	54	41	42	42	41	46	47	38	46	53	50	52	53	55	58	57	56	53	51	58	58	51.9
Jonesboro	Maximum	89	83	80	72	83	88	80	60	75	78	82	82	68	66	74	73	63	60	72	80	76	82	86	86	86	86	85	87	82	81	76	78.1
	Minimum	69	64	60	52	53	52	56	50	43	48	49	50	43	40	41	46	45	40	36	36	52	45	57	58	55	54	53	50	53	54	55	50.3
Junction	Maximum	93	92	94	86	78	84	88	89	75	82	86	70	64	67	71	73	75	78	80	81	82	84	85	84	83	85	86	86	87	86	87	82.0
	Minimum	68	67	66	67	64	66	68	69	57	47	63	45	40	41	43	45	47	51	54	60	61	62	63	62	61	62	62	63	64	63	62	58.5
Lambrook	Maximum	87	86	82	76	86	86	77	74	75	78	84	69	71	71	74	78	63	63	73	82	83	83	85	87	89	89	87	88	83	83	79	79.7
	Minimum	71	69	65	57	54	60	67	52	66	60	45	47	51	41	40	56	48	45	32	42	44	42	47	50	50	50	49	50	47	49	52	51.5
Little Rock	Maximum	86	80	81	76	84	86	78	62	74	78	83	63	68	70	73	79	68	64	76	81	83	82	84	88	87	87	86	86	82	79	78	78.5
	Minimum	70	66	63	58	56	69	57	53	48	52	57	52	43	47	46	49	52	46	44	54	58	56	58	60	61	59	60	60	61	60	61	56.0
Lurton	Maximum	76	70	75	70	76	80	71	50	54	..	..	..	..	..	..	..	..	..	..	..	77	78	82	84	81	83	82	80	..	76	70	74.5
	Minimum	64	58	55	49	51	65	49	44	45	53	53	44	39	42	47	53	45	..	38	54	56	58	60	61	62	63	64	60	.	55	53	53.0
Lutherville	Maximum	80	76	78	73	86	88	79	68	74	75	82	76	62	68	76	80	75	68	76	86	88	83	80	84	87	86	85	84	83	73	72	78.2
	Minimum	68	61	57	50	53	66	50	51	40	47	54	47	40	39	45	48	50	42	41	54	53	52	48	56	75	57	56	57	58	59	58	52.6
Magnolia	Maximum	88	80	83	79	91	90	80	71	74	82	88	77	76	73	73	79	77	70	78	..	87	88	87	89	91	89	89	90	88	85	83	82.5
	Minimum	71	70	68	60	56	69	69	57	50	45	55	51	40	45	41	41	52	32	38	.	49	50	54	56	54	54	52	52	55	61	61	53.6
Malvern	Maximum	88	82	85	79	88	89	82	68	78	81	85	78	77	74	76	84	74	70	79	88	86	85	87	92	93	90	89	88	84	84	77	82.6
	Minimum	69	71	63	50	50	66	67	55	45	44	51	52	37	37	40	41	51	37	36	45	48	48	49	52	52	52	52	55	52	53	60	51.0
Mammoth Spg	Maximum	80	79	77	75	82	88	83	73	78	77	78	72	64	65	74	72	70	70	72	79	78	85	85	80	86	86	87	88	82	79	71	77.8
	Minimum	62	57	51	46	44	57	62	48	39	42	47	47	35	34	37	42	40	34	32	40	42	39	45	45	46	46	48	47	47	50	57	45.4
Marianna	Maximum	88	84	85	73	84	85	80	64	74	75	83	80	70	65	70	77	78	60	70	78	79	80	83	84	86	85	83	85	82	82	83	78.5
	Minimum	72	66	66	56	50	60	53	52	45	46	53	54	43	42	42	43	44	40	37	49	49	45	55	55	56	54	54	54	53	53	54	51.5
Marked Tree§§	Maximum	83	86	80	85	88	70	51	75	79	80	60	67	69	72	69	65	54	70	77	74	78	86	87	83	88	77	88	79	79	75	76	75.6
	Minimum	70	63	51	45	47	62	50	42	44	47	51	40	39	38	39	46	41	33	34	42	41	41	53	53	51	49	49	50	51	55	54	47.5
Marshall	Maximum	82	78	79	75	84	88	85	81	74	77	81	77	68	70	78	79	74	76	80	82	79	83	88	86	79	86	86	84	86	78	76	80.0
	Minimum	68	65	57	44	58	70	55	49	39	39	57	52	31	34	44	43	42	33	33	50	44	44	50	49	45	45	49	51	56	62	58	48.9
Mena	Maximum	80	76	80	77	85	85	76	63	73	76	81	75	68	74	75	77	71	68	80	82	85	82	83	85	87	85	85	84	80	76	71	77.7
	Minimum	69	66	56	49	53	67	62	54	44	46	58	48	41	40	41	47	51	40	44	50	50	52	54	54	56	56	55	53	58	59	57	52.6
Morrillton	Maximum	86	77	83	75	86	88	71	65	79	79	82	63	73	70	73	82	71	69	89	87	83	85	88	88	86	89	89	87	83	76	76	79.9
	Minimum	70	73	63	52	52	56	69	54	48	48	50	53	45	40	42	48	50	41	40	44	52	51	53	55	55	53	54	54	55	53	59	52.6
Mountain Home	Maximum	78	76	79	80	85	89	75	79	81	83	82	72	69	74	82	79	71	..	..	..	..	..	..	91	88	90	91	90	85	74	76	80.8
	Minimum	67	65	48	44	46	61	55	38	43	51	50	47	36	33	42	44	42	..	..	..	..	..	..	40	45	48	51	49	53	56	58	48.5
Newport	Maximum	90	83	85	79	88	92	82	69	80	81	85	75	74	72	78	82	71	68	77	87	84	87	90	91	90	91	92	91	88	83	80	82.7
	Minimum	69	65	62	53	48	66	59	51	44	48	52	51	43	39	48	45	46	40	36	47	49	45	52	55	55	53	53	54	52	53	58	51.3
Osceola	Maximum	89	90	82	87	81	88	89	76	76	79	81	84	71	73	71	76	76	61	65	76	83	80	86	91	88	92	90	90	91	90	88	81.9
	Minimum	71	73	64	67	52	49	61	70	52	44	46	52	52	43	43	42	47	41	40	35	44	46	44	52	57	55	52	50	52	57	55	51.9
Ozark	Maximum	81	79	81	79	85	87	75	70	79	80	84	66	73	72	79	83	73	79	81	84	86	89	89	90	90	89	88	87	83	70	72	80.7
	Minimum	69	65	56	48	59	66	66	56	44	46	57	50	40	39	43	45	51	39	40	42	43	45	48	50	50	51	54	52	55	56	61	51.2
Pine Bluff	Maximum	92	89	90	89	92	93	82	68	82	86	90	77	83	79	80	90	78	74	85	91	93	91	92	95	97	97	97	95	88	89	87	87.5
	Minimum	70	71	66	58	58	67	67	55	51	47	55	53	44	43	42	44	53	43	39	49	51	65	56	58	58	54	54	54	55	56	62	54.8
Pocahontas	Maximum	87	84	83	79	85	89	81	65	80	79	80	77	71	70	75	78	71	65	74	84	84	85	91	86	88	91	89	87	83	82	75	80.6
	Minimum	70	61	61	49	45	59	57	50	42	47	48	50	40	39	40	45	46	40	34	44	50	42	50	50	55	54	50	52	50	52	56	49.3
Portland	Maximum	88	88	81	80	88	92	81	74	75	80	89	80	77	73	73	79	73	64	77	85	87	88	90	91	93	88	88	90	89	87	87	83.1
	Minimum	71	70	69	58	56	66	72	59	53	46	51	56	40	43	42	42	51	40	34	46	46	45	52	53	53	53	51	51	50	51	56	52.5
Prescott	Maximum	91	88	87	81	87	90	86	79	78	81	86	79	74	76	80	86	81	74	78	87	91	88	87	91	97	90	89	90	89	88	82	84.6
	Minimum	74	67	65	56	54	57	69	54	49	46	49	51	41	42	42	46	53	42	41	46	51	52	54	56	57	55	53	52	54	57	61	53.1
Rison	Maximum	86	87	77	77	83	86	87	78	71	75	82	83	70	70	69	76	77	67	74	78	79	81	81	79	79	84	84	83	83	79	78	78.8
	Minimum	69	71	66	55	55	66	69	55	49	43	55	52	41	42	43	43	50	39	37	49	53	50	53	57	52	54	54	54	56	55	61	53.2
Rogers	Maximum	78	72	76	69	81	84	77	68	74	77	80	74	66	74	78	79	70	70	84	83	82	83	86	86	86	86	86	85	82	77	72	78.2
	Minimum	67	60	47	44	54	64	51	45	39	42	57	43	34	34	39	42	47	34	38	42	43	43	46	47	46	47	50	49	54	60	55	47.2
Searcy	Maximum	86	82	82	76	85	89	82	62	75	79	82	79	71	69	72	81	77	64	74	82	82	84	88	89	87	88	89	89	88	87	84	80.8
	Minimum	68	65	61	48	47	61	69	52	44	45	48	49	38	37	39	42	49	39	35	45	47	45	48	52	50	51	52	51	47	58	55	49.6
Stuttgart	Maximum	89	83	81	77	88	90	80	75	74	80	85	77	72	70	74	80	72	65	76	83	82	84	86	89	89	89	88	89	84	84	80	81.1
	Minimum	70	69	64	51	48	69	66	52	45	44	62	52	42	37	40	41	46	36	35	45	47	45	53	56	51	51	51	51	55	55	58	51.2
Subiaco	Maximum	82	88	81	78	87	90	79	70	79	82	87	78	73	74	80	84	72	72	84	88	88	89	90	91	92	91	94	89	85	77	80	83.0
	Minimum	67	64	61	52	54	65	59	53	44	45	57	49	41	39	43	46	50	41	41	51	49	50	52	54	56	50	54	53	57	60	57	52.1
Texarkana	Maximum	90	80	90	85	91	93	82	73	82	83	88	75	88	82	83	83	80	75	84	94	97	91	95	95	96	94	93	93	93	88	81	87.0
	Minimum	72	69	65	59	57	68	60	58	48	45	55	49	40	45	42	42	52	53	41	46	53	51	53	54	54	54	53	52	58	54	57	53.5
Thornburg	Maximum	86	78	81	78	84	86	77	61	77	75	80	74	67	69	76	81	70	66	82	83	83	84	88	87	87	87	88	86	82	75	78	79.2
	Minimum	73	63	60	43	46	64	56	51	38	38	55	45	34	31	35	39	40	30	32	40	43	44	44	46	47	45	45	45	48	58	58	46.3
Warren	Maximum	87	85	76	79	85	86	84	74	72	80	85	81	73	72	74	76	71	65	73	79	82	83	83	86	87	86	86	86	83	83	84	80.2
	Minimum	71	67	56	56	60	69	54	50	48	53	53	44	43	42	45	50	40	38	47	50	50	54	57	57	56	60	57	54	53	59	60	53.3
Wilson	Maximum	90	83	78	78	85	89	80	60	75	77	82	72	70	72	74	74	65	60	72	76	77	82	86	85	87	86	85	87	85	82	85	78.7
	Minimum	71	69	63	50	66	60	60	50	41	45	54	51	40	38	40	41	45	38	33	42	50	40	44	51	51	50	46	49	50	55	52	49.5
Wynne	Maximum	87	87	85	74	81	89	78	60	77	78	86	71	69	68	74	80	68	62	74	80	79	84	87	86	88	87	89	90	84	85	76	79.5
	Minimum	71	66	65	50	49	64	60	52	42	45	51	51	39	37	40	46	47	37	33	43	44	42	50	57	52	52	50	50	51	55	57	49.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., NOVEMBER, 1927 No. 11

GENERAL SUMMARY

The outstanding characteristic of the weather in Arkansas during November was the positive temperature departures. The montb opened with temperatures 10° to 15° above the seasonal average, 96° being record at Dumas on the 1st. this being the highest November temperature on record in Arkansas. A cool wave overspread the State by the 6th with temperatures considerably below normal. This cool spell was of only a few days duration, temperatures being near or above normal from 8th to the 15th. On the 16th another cold wave overspread the State giving the lowest temperatures of the month in most sections on the 17th and 18th. Temperatures returned to normal or above on the 21st and the last decade was unsually warm. Precipitation was practically normal and most of it fell from the 7th to the 19th, 24 hour amounts on the 7th, 8th, 15th, and 16th being heavy, mostly light amounts on other days. The locally heavy rains caused a rapid rise on the White and Black rivers, the Black passing flood stage at Corning, however flood loss was slight.

The weather was mostly favorable for the gathering of crops and outdoor work. Cotton picking was nearing completion at the close of the month, corn mostly gathered, and fall plowing in progress. Some land was being cleared, fences repaired, and the usual late fall activities were being carried on. W.C.H.

TEMPERATURE

The mean temperature for November, as determined from the records of 55 stations, was 56.7° which is 5.1° above normal, all stations for which normals have been computed showing positive departures. The highest monthly mean was 63.8° at Hutting, the lowest, 49.3° at Marked Tree. The highest temperature recorded was 96° at Dumas on the 1st. The lowest was 20° at Harrison and Dutton on the 17th and later dates. The greatest daily range was 49° at Dumas on the 4th.

PRECIPITATION

The average precipitation for 84 stations was 3.67 inches which is 0.02 inch above normal, the geographical distribution being irregular. Monthly totals ranged from 8.18 inches at Little Rock to 0.93 inch at Danville. An appreciable amount of snow was recorded at five stations averaging 1.1 inches. The greatest amount of precipitation measured in any 24 hour period was 5.35 inches at Yancopin on the 16th. The average number of rainy days was 6.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 9; 2d, 18; 7th, 16; 8th. 12; 9th, 3; 10th, 2; 11th, 24; 12th, 4; 14th, 4; 15th, 34; 16th, 2; 19th, 2; 21st, 1; 27th, 1; 29th, 3; 30th, 2.
DENSE FOG:------3d, 1; 10th, 6; 15th, 1; 25th, 2.
LUNAR HALOS:---4th, 1; 12th, 1; 30th, 1,
SOLAR HALOS:---12th, 1; 18th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.08	30.61	12	29.61	30	6,089	30	s.	21	.....	.....	43
Fort Smith.	30.08	30.53	12	29.59	30	7,515	49	w.	15	81	67	52
Little Rock.	30.12	30.53	12	29.71	30	7,519	43	s.	21	84	71	32
Memphis.	30.14	30.52	12	29.72	30	5,597	44	nw.	30	82	72	38

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**51.6**		**96**		**2**		**3.65**		**15**	**6**	**9**	**6**
1891	49.7	−1.9	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.7	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.3	84	7	10	24	4.21	+0.56	14	8	8	5
1894	50.4	−1.2	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.7	82	18	16	25	4.82	+1.17	14	5	11	6
1896	52.8	+1.2	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	0.0	88	15	15	30	2.82	−0.83	16	6	8	6
1898	47.5	−4.1	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.7	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	−0.2	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−1.1	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+4.9	90	11	18	27	6.66	+3.01	8	9	13	9
1903	47.6	−4.0	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	−0.2	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.6	88	18	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.4	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.6	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.2	88	10	5	14	5.40	+1.75	15	6	9	8
1909	59.3	+7.7	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	24	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.8	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−1.1	89	11	13	25	1.66	−1.99	19	7	4	3
1913	57.6	+6.0	85	18	20	9	2.47	−1.18	19	9	11	5
1914	52.6	+1.0	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.2	88	1	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.5	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.9	85	10	11	24	1.96	−1.69	17	4	9	4
1918	49.7	−1.9	88	6	18	30	3.91	+0.26	15	4	11	6
1919	51.4	−0.2	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.8	89	7	16	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.3	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.3	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.8	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+1.8	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.2	89	12	15	25	5.67	+2.02	16	4	10	8
1926	47.2	−4.4	81	6	10	19	3.33	−0.32	14	5	11	6
1927	56.7	+5.1	96	1	20	17	3.68	+0.02	7	8	15	6

Climatological Data for November, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	32	59.8	+7.2	89	11	27	17	43	1.8[illegible]	−2.16	0.92	0.0	4	4	10	16	s.	G. C. Thrash.
Arkadelphia	Clark	250	31	[illegible]							2.90	+0.06	1.68	0.0	9	9	9	12	s.	W. K. Brown
Arkansas City	Desha	145	43	[illegible]							[illegible]	−0.29	2.65	0.0	5	11	2	17	[illegible]	Carl R. Cutting
Arlberg	Stone	700	5	[illegible]							[illegible]	[illegible]	1.10	2.0	6	7	5	18	ne.	J. D. Reeves
Batesville	Independence	277	28	52.3	+3.1	87	1	25	18†	41	3.79	+0.24	1.26	0.0	8	5	6	19	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	35	54.7	+3.4	82	1	25	18	56	4.5[illegible]	+1.12	2.42	0.0	8	5	5	20	sw.	J. E. Scanlan.
Bentonville	Benton	1303	22	51.4	+4.7	75	1	23	17	43	5.46	+1.17	2.55	T.	11	6	12	12	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26	[illegible]							4.07	+0.52	2.38	0.0	5	10	4	16	s.	Vernon C. Howe.
Blytheville	Mississippi	252	2	51.9[c]	[illegible]	81[c]	1	27[c]	18	38[c]	6.21	[illegible]	3.02	0.0	6	5[c]	8[c]	12[c]	n.	J. M. Brooks
Booneville	Logan	465	13	58.0	+4.2	82	1	25	17	39	1.76	−2.26	0.96	0.0	4	8	9	13	s.	F. H. Randolph
Brinkley	Monroe	205	40	57.7	+5.9	85	1	28	20	56	5.44	+1.25	2.65	0.0	7	5	12	13	ne.	R. J. Torry
Calico Rock	Izard	361	23	52.6	+4.0	80	1	24	18	41	3.66	+0.57	1.57	0.0	7	4	16	16	s.	W. J. Copp
Camden	Ouachita	158	42	59.2	+7.0	83	1	32	18	45	3.05	−1.02	1.45	0.0	7	4	8	18	s.	A. B. Quarterman
Center Point	Howard	470	26	60.0	+5.4	79	11	27	17	45	3.92	+0.54	2.40	0.0	7	4	3	23	s.	John C. Floyd
Clarendon	Monroe	200	23	[illegible]							6.28	+2.58	3.16	0.0	10	7	3	20	s.	J. W. Bishop
Clinton	Van Buren	516	6	[illegible]							3.96	[illegible]	1.68	0.0	5	1	14	15	sw.	A. L. Stephens
Cold Springs	Scott	1250	1	[illegible]							1.24	[illegible]	0.71	0.0	3	4	12	14	sw.	Otto Parker
Conway	Faulkner	309	44	57.0	+5.2	84	1	29	17†	54	2.12	−1.98	1.17	0.0	4	8	16	6	s.	E. E. Cordrey.
Corning	Clay	293	34	55.4	+5.4	85	1	27	15[f]	43	2.80	−0.88	1.25	0.0	5	11	7	12	nw.	Winfred D. Polk
Dam No. 1 ††	White	190	4	[illegible]							5.15		2.06	0.0	6	12	2	16	se.	J. O. Yingling
Danville	Yell	327	11	[illegible]							0.35	−2.10	0.55	0.0	3	6	17	7	s.	C. P. Evans
Dardanelle	Yell	330	41	57.9	+5.5	85	1	26	18	34	2.12	−1.28	1.07	0.0	5	6	16	8	e.	G. N. Goodier, Jr.
Dumas	Desha	162	21	62.6	+6.7	90	1	32	18	49	4.86	+0.47	2.25	0.0	7	4	11	15	s.	Ben Johnson.
Dutton	Madison	1590	24	51.0[a]	+3.4	77[a]	1	20[a]	18	56[a]	3.37	−0.05	0.93	T.	8	4[a]	9[a]	16[a]	s.	J. M. Ricketts
El Dorado	Union	270	26	62.6	+7.7	89	1	36	17	37	2.94	−0.28	0.85	0.0	8	7	11	12	sw.	J. J. Babb
England	Lonoke	229	20	56.1	+4.4	86	1	32	18	36	6.[illegible]	+2.01	3.10	0.0	9	8	8	14	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	53.3	+1.9	80	1	21	18	36	4.98	+2.04	2.94	0.0	7	4	14	12	se.	Geo. W. Nicholds
Fort Smith	Sebastian	457	46	55.8	+4.8	80	1	29	17	49	2.[illegible]	−0.54	2.04	0.0	5	4	7	19	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3	[illegible]							3.47	[illegible]	1.73	0.4	8	6	8	16	sw	J. R. McClurston
Fulton	Hempstead	260	41	[illegible]							3.49	−0.02	1.27	0.0	9	7	1	22	[illegible]	T. J. Logan
Georgetown	White	200	18	[illegible]							4.91	+1.35	2.46	0.0	5	10	1	9	s.	W. R. Owens
Gilbert	Searcy	675	4	[illegible]							2.19	[illegible]	1.01	0.0	5	6	13	11	[illegible]	Ben F. Battenfield
Gravette	Benton	1250	30	52.9	+3.5	79	1	22	17†	48	3.99	+0.98	1.05	T.	11	7	13	10	sw	A. F. Stevens
Harrison	Boone	1052	26	54.9	[illegible]	86	1	20	17	39	2.59	−0.46	1.46	0.0	3	8	12	10	n.	G. L. Wright
Helena	Phillips	193	55	57.6	+4.4	83	1	30	18	33	8.06	+3.57	1.52	0.0	9	10	2	18	s.	James A. Barnett
Higden	Cleburne	445	9	[illegible]							5.48	[illegible]	3.24	0.5	8	3	6	21	sw.	Geo. W. Baker
Hope	Hempstead	377	56	62.6	+8.0	87	10	27	17	38	3.71	−0.76	1.21	0.0	5	11	5	14	n.	N. P. O'Neal
Hot Springs	Garland	600	36	56.4	+3.6	89	11	28	18	46	2.07	−2.23	1.86	0.0	2	3	25	2	[illegible]	G. C. Rolon
Huttig	Union	175	20	63.5[c]	[illegible]	86[c]	1	34[c]	18	41[c]	3.42	+0.08	1.62	0.0	4	9[c]	7[c]	9[c]	sw.	J. L. Coll ††.
Index	Little River	275	2	[illegible]							1.2[illegible]	[illegible]	0.82	0.0	5	7	2	21	[illegible]	H. D. Sanderson
Jessieville	Garland	750	1	[illegible]							2.50	[illegible]	1.00	0.0	7	11	10	9	sw.	George Casey
Jonesboro	Craighead	345	32	54.7	+3.3	82	1	26	18	37	4.65	+1.19	2.07	0.0	6	22	4	4	sw.	Benedictine Sisters
Lambrook	Phillips	155	4	56.2	[illegible]	83	1	21	20	39	6.16	[illegible]	2.85	0.0	7	8	3	19	n.	Mrs. L. C. White
Little Rock	Pulaski	357	48	56.8	+4.2	81	1	31	17	38	8.18	+3.59	3.71	0.0	9	5	9	16	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	49.4[a]	[illegible]	73[a]	1	22[a]	18	36[a]	3.55	[illegible]	2.00	1.5	11	6	10	14	s	L. C. Sutton
Lutherville ††	Johnson	775	29	55.0	+3.8	76	1†	26	17	32	2.26	−1.17	1.41	0.0	6	10	6	14	nw.	H. G. Lenhardt
Magnolia	Columbia	315	6	62.6[c]	[illegible]	89	1	30[c]	18	42[c]	4.90	[illegible]	1.70	0.0	5	9[b]	13[b]	6[b]	n.	State Agri. School
Malvern	Hot Springs	277	40	55.6	[illegible]	84	1	29	17	37	3.60	−0.98	1.57	0.0	9	6	10	14	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	609	22	55.3	+7.2	85	1	26	18	46	2.92	−0.40	1.12	T.	5	6	7	17	sw.	W. C. Gregg
Marianna	Lee	225	15	58.0	+6.0	85	1	29	18	38	5.64	+2.64	2.60	0.0	8	14	11	5	s.	C. N. Brock
Marked Tree	Poinsett	229	22	49.3	[illegible]	75	9	26	17	38	5.89	+1.59	2.01	0.0	7	1	19	10	ne.	Charles Walton
Marshall	Searcy	1070	13	53.2	+1.5	80	1	22	18	40	5.23	+1.34	3.10	1.0	8	7	3	20	se.	A. J. Perk
Mena	Polk	1165	39	55.1	+3.0	78	11	26	17	31	1.91	−1.55	1.83	0.0	5	0	21	9	n.	E. W. St. John
Morrillton	Conway	347	6	55.0	[illegible]	80	1	31	17†	34	1.85	[illegible]	0.72	0.0	5	9	8	13	sw.	John Cook
Mountain Home	Baxter	800	13	52.8	+3.2	84	1	21	18	38	1.22	−2.04	0.60	0.0	3	5	3	22	n	R. S. Halbert
Mount Ida	Montgomery	650	28	55.6	+4.5	81	11	24	17	43	4.45	+0.41	3.30	0.0	3	7	6	17	sw.	G. A. Whittington
Newport	Jackson	231	43	56.5	+5.5	85	1	30	18†	39	5.41	+1.01	2.64	0.0	4	4	11	15	n	A. C. Wilkerson
Oden	Montgomery	800	1	[illegible]							2.00	[illegible]	2.14	0.0	5	4	6	20	sw	Arthur W. Herman
Osceola	Mississippi	240	29	55.2	+5.4	83	2	28	19	39	4.83	+0.04	2.20	0.0	6	10	8	12	s.	June Thomason
Ozark	Franklin	396	31	55.0	+2.8	82	1	26	17	38	2.25	−0.90	1.82	0.0	3	5	7	18	sw	Isham Burrow
Paragould	Greene	301	1	[illegible]							4.59	[illegible]	2.10	0.0	10	[illegible]	[illegible]	[illegible]	[illegible]	W. E. Beegler
Patterson	Woodruff	196	11	[illegible]							5.5[illegible]	+0.48	2.40	0.0	8	10	2	18	s.	W. E. Baker
Piggot	Clay	307	3	[illegible]							4.00	[illegible]	2.17	0.0	8	3	15	12	s	V. C. Wright
Pindall	Searcy	1500	5	[illegible]							3.50	[illegible]	0.90	0.0	8	9	5	16	sw	W. W. Wood
Pine Bluff	Jefferson	215	40	60.4	+7.6	87	1	33	18	39	3.85	+0.34	2.70	0.0	10	2	13	15	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	34	54.2	+3.0	84	1	25	18	42	4.12	+0.61	2.45	0.0	7	4	4	22	n	Benedicitine Sisters
Portland	Ashley	122	21	62.7	+8.8	89	1	33	17†	42	2.66	−0.94	1.75	0.0	6	4	13	13	sw.	W. E. Edmiston
Prescott	Nevada	329	39	63.3	+9.1	89	1	27	17	38	2.85	−0.64	1.62	0.0	6	7	4	19	n.	C. D. Calhoun
Princeton	Dallas	287	21	[illegible]							2.49	−1.47	1.52	0.0	4	8	8	14	[illegible]	Mrs. F. P. Coleman
Rison	Cleveland	243	26	62.2	+9.1	81	2	31	3	38	1.69	−1.69	1.10	0.0	3	6	9	15	n.	Mrs. M. V. Pisdal
Rogers	Benton	1385	36	53.3	+4.0	80	1	21	17	38	3.68	+0.75	1.01	T.	9	5	7	18	nw.	Carl A. Starck
Searcy	White	236	18	56.0	+5.3	83	1	26	18	35	4.45	−1.05	2.06	0.0	7	18	0	12	s.	J. T. Bell
Springbank ††	Miller	240	20	[illegible]							1.25	−2.22	0.65	0.0	4	6	0	24	[illegible]	Miss Grace Field
Story	Montgomery	700	3	[illegible]							2.73	[illegible]	0.80	0.0	5	9	7	14	s.	S. C. Story
Stuttgart	Arkansas	228	40	59.0	+6.8	85	1	30	18	42	6.04	+2.05	3.78	0.0	9	7	12	11	s.	Adam F. Buerkle
Subiaco	Logan	1050	30	57.2	+4.2	88	22	27	17	35	2.20	−0.92	1.55	0.0	3	7	8	15	s	New Subiaco Abbey
Texarkana	Miller	332	41	60.6	+5.2	87	8	26	17	42	2.15	−1.00	1.52	0.0	5	7	10	13	n	H. S. Brashear
Thornburg	Perry	650	3	55.2	[illegible]	80	1	26	17	40	2.05	[illegible]	1.33	0.0	4	5	16	9	s.	Edward E. Holmes
Waldron	Scott	675	8	[illegible]							1.44	[illegible]	0.84	0.0	3	3	5	22	se.	Dr. Cheves Bevill
Warren	Bradley	206	33	60.7	+7.1	85	1	32	16	44	2.34	−1.63	1.20	0.0	2	9	9	12	e.	W. L. Shide
Waters	Montgomery	800	3	[illegible]							3.15	[illegible]	2.50	0.0	3	7	6	17	sw.	J. R. Huddleston
Whitecliffs	Little River	290	23	[illegible]							2.33	−0.61	1.35	0.0	4	8	3	19	sw.	Nannie O. Schirmer
Wynne	Cross	250	19	56.9	+5.1	82	1	27	18	40	7.67	+4.02	2.65	T.	9	7	7	16	s.	E. O. Allen
Yancopin	Desha	167	3	[illegible]							6.03	[illegible]	5.35	0.0	8	2	9	19	[illegible]	W. E. Barton
State Means and Extremes				56.7	+5.1	96	1	20	17†	49	3.67	+0.02	5.35	1.1	6	7	8	15	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Post office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R.F.D. 3, Junction City, Ark.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily River Stages for November, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.2	6.5	6.7	6.3	6.1	6.0	6.0	6.0	6.6	6.2	6.4	6.2	6.1	6.1	6.3	7.8	9.4	11.9	11.5	10.2	9.1	8.3	7.8	7.4	7.0	6.7	6.3	6.2	6.1	6.1	
Dardanelle	do	20	4.7	4.7	5.3	5.0	5.0	4.8	4.8	4.7	4.7	4.7	4.7	5.6	4.9	4.8	5.0	6.7	6.3	7.0	7.9	9.0	8.2	7.6	6.7	6.5	6.0	5.6	5.4	5.2	5.1	4.8	
Little Rock	do	23	2.9	3.0	3.0	3.5	3.7	3.4	3.4	3.3	3.2	2.9	2.9	3.4	3.4	3.0	3.2	4.0	5.2	5.7	6.0	8.5	9.2	8.3	7.0	6.1	5.5	5.0	4.4	4.1	3.8	3.5	
Pine Bluff	do	25	8.2	8.1	8.1	8.1	8.4	8.4	8.4	8.3	8.1	7.9	7.8	7.8	8.1	8.1	8.0	8.5	8.8	10.0	10.3	11.0	12.6	12.8	11.9	11.0	10.4	9.9	9.0	8.9	8.4	8.3	
Yancopin	do	29	13.3	12.9	12.6	12.3	12.0	12.3	12.4	12.0	11.7	11.4	11.1	11.0	11.0	11.3	11.5	12.1	13.1	13.5	14.9	15.7	16.7	18.3	19.8	19.3	17.9	17.8	17.9	18.0	18.0	17.8	
Danville	Petit Jean	20	1.8	1.8	1.6	1.6	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.7	2.4	2.4	2.4	2.3	2.1	1.9	1.9	1.8	1.8	1.7	1.5	1.3	1.3	1.3	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	2.0	2.1	1.8	1.9	1.9	2.6	2.7	3.9	11.4	9.6	7.7	7.0	6.0	5.4	7.5	6.8	10.2	10.9	8.8	7.2	6.2	5.7	5.2	4.9	4.6	4.3	4.1	3.9	3.8	3.6	
Batesville	do	23	6.8	7.0	7.2	6.9	6.9	7.0	7.9	8.0	11.2	17.2	14.7	13.7	12.5	11.6	11.0	13.4	14.9	17.9	16.9	14.5	13.2	12.0	11.4	11.0	10.6	10.2	9.8	9.6	9.4	9.2	
Newport	do	26	4.6	4.5	4.5	4.5	4.5	4.4	4.4	5.8	5.8	13.5	15.0	14.7	13.8	12.0	11.0	15.0	15.6	17.7	19.0	18.6	17.3	15.7	14.3	13.3	11.8	10.8	10.1	9.6	9.0	8.7	
Dam No. 1	Little Red	---	1.8	2.0	2.1	2.2	2.3	2.4	2.4	1.6	0.0	0.8	1.2	1.6	1.6	1.6	2.8	12.4	19.8	12.0	10.4	8.0	6.4	4.8	3.6	3.0	2.5	2.0	1.5	1.2	1.0	0.8	
Georgetown	White	22	6.0	5.8	5.6	5.4	5.3	5.2	5.2	5.7	6.8	7.6	12.0	14.5	15.2	15.3	15.2	15.6	18.1	18.8	18.8	19.0	19.1	19.2	19.3	19.1	18.5	17.9	17.2	16.2	15.1	14.4	
Clarendon	do	30	16.9	16.0	15.2	14.4	13.8	13.4	13.1	13.1	13.4	13.8	14.3	16.1	17.8	18.9	19.7	21.1	21.8	22.3	22.7	23.1	23.4	23.7	23.9	24.1	24.3	24.5	24.5	24.5	24.4	24.2	
Gilbert	Buffalo	30	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.2	4.6	4.5	4.4	4.4	4.4	4.4	4.6	5.6	5.1	5.2	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	
Corning	Black	11	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.8	8.9	9.4	9.8	10.1	10.2	10.3	10.4	11.1	11.6	11.8	11.8	11.8	11.6	11.4	11.0	10.5	10.2	9.8	9.5	9.2	9.0	
Black Rock	do	14	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.6	6.0	7.0	7.4	7.4	7.2	6.9	7.3	10.0	9.7	9.4	9.4	9.0	8.4	8.0	7.4	7.1	7.0	6.7	6.6	6.4	6.4	6.2	
Patterson	Cache	9	5.2	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.3	4.2	4.2	4.6	4.8	4.9	5.1	5.4	6.0	6.7	7.3	7.8	8.1	8.4	8.6	8.6	8.4	8.1	8.0	8.0	8.0	8.0	
Arkadelphia	Ouachita	18	-0.3	-0.5	-0.6	-0.4	-0.3	-0.1	0.0	0.8	0.5	1.0	0.5	0.8	1.0	1.0	1.0	8.5	7.0	3.7	3.5	3.5	3.9	2.6	1.5	1.5	1.2	1.0	0.5	0.0	0.8	0.6	
Camden	do	30	4.0	4.0	4.0	4.2	4.3	4.3	4.9	5.0	5.1	5.3	5.0	5.2	5.2	5.1	5.1	5.2	8.9	10.8	10.2	10.5	9.9	8.6	8.2	8.2	8.1	7.9	7.8	7.7	7.6	7.6	
Fulton	Red	28	7.3	7.3	7.8	8.0	7.9	7.9	7.8	7.6	7.5	7.7	7.5	7.3	7.2	7.2	7.1	7.2	8.9	10.8	10.5	10.5	10.1	9.8	9.5	9.4	9.0	8.6	8.5	8.4	8.3	8.2	
Springbank	do	37	7.9	7.8	7.7	7.7	8.0	8.1	8.2	8.1	8.0	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.7	8.1	10.5	10.5	10.1	9.8	9.5	9.4	9.0	8.6	8.5	8.4	8.3	8.2	
Whitecliffs	Little	28	1.6	2.2	4.3	3.8	3.3	3.0	3.0	2.8	2.6	1.9	2.0	1.7	1.2	0.8	0.8	1.4	11.4	12.9	10.4	6.8	5.0	4.5	3.7	3.2	3.0	2.7	2.4	2.2	2.0	2.0	
Marked Tree	St. Francis	17	4.8	1.7	1.7	1.8	1.8	1.6	1.6	1.8	2.5	2.7	2.8	2.9	3.3	3.3	3.4	3.7	4.7	5.2	5.4	5.5	5.5	6.3	6.6	6.7	6.9	6.7	7.1	7.2	7.3	7.3	
Helena	Mississippi	44	14.6	14.7	14.8	14.7	14.1	13.0	11.8	10.7	9.8	9.2	9.0	9.6	10.7	11.9	13.1	14.3	14.9	15.1	15.1	15.4	15.9	17.1	18.8	19.9	21.2	22.4	23.1	23.5	23.5	23.3	
Arkansas City	do	48	19.5	19.0	19.0	18.7	18.3	17.7	17.0	16.0	15.0	14.5	14.0	13.5	13.5	13.5	14.5	16.0	18.0	18.5	19.0	19.5	20.0	20.7	22.0	23.5	24.5	25.5	26.5	27.0	27.5	27.8	

Daily Precipitation for November, 1927

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita		.26					T.	.20	.11			.30			.20	1.68			.13		.10											1.80
Arkadelphia	Ouachita	.11	.07									.57				.92				.05													2.90
Arkansas City	Mississippi			.10					.40		.22						2.65	.13														.10	3.50
Arlberg	White		.42							1.00		.50			1.10					.25					T.	.02						3.37
Batesville	White	T.	.52	T.				.06	.76		.01	T.	.18			1.26	.68															.10	3.79
Bee Branch	Arkansas		.46					T.	.75		.03	.22	.05			2.42				.52												.53	4.55
Bentonville ***	Arkansas	.89	.14		T.			1.11	.01	T.		.14			1.34	1.21		T.	.04					.03					.02			5.46
Black Rock	White	T.	.14					T.	.61		T.		.52			2.38	.72								T.								4.67
Blytheville	Mississippi		.55	T.					1.55	.24			.55			3.02	.30																6.21
Booneville	Arkansas		.66									.61				.96			.23														1.76
Brinkley	White		.70	.30					.89		.09		.49			2.65				.32														5.14
Calico Rock	White		.27					T.	1.41		.01		.19			1.57	.15								.08								3.66
Camden	Ouachita			.09					.01	.12		.11				2.40				.24	.15												3.05
Center Point	Red		.26						.06	.30		.75				1.45				.68	.04				T.						.01		3.92
Clarendon	White	.03	.40	.60				.69	1.27		.12		.48			T. 3.		03		.18													6.28
Clinton	White		.37						1.39							1.68				.43													3.96
Cold Springs	Arkansas		.71					.03			.43					1.17				.11													1.24
Conway	Arkansas		.49						.43								1.25	.56														.39	2.12
Corning	White							2.06				.46				1.63			.28													.12	2.80
Dam No. 1	White	.60							T.		T.		.10			.55																	5.15
Danville	Arkansas		.28							.04						1.07				.17													0.93
Dardanelle	Arkansas		.82			T.	T.	T.	.15	.04			.05			2.25	1.80		.03						.02								2.12
Dumas	Mississippi		.04					T.			12	.21				.76			T.	.40												.10	4.36
Dutton	White		.75						.93			T.	.78			.05	.85			.40	.35				.05								3.37
El Dorado	Ouachita		.23	.26					.02							3.10	.25			.05													2.94
England	Arkansas		1.10						.09	.66	.98	.01	.08			.61				.05												.26	6.32
Eureka Springs	White		1.33					2.24	.15			.35																					4.99
Fayetteville	White						T.	.07								2.01			.02						T.						T.		2.74
Fort Smith ***	Arkansas	.60	.01						.59		.06	.02	.21		.02	1.73				.55													3.47
Freeman Sprgs	Arkansas		.29							T.	1.27	T.		.50		T.	.75			.14	.20	.06			T.						T.		3.49
Fulton	Red	.46	.05	.06					1.27				.78				2.46			.15													1.94
Georgetown	White		.28					T.	.68				.10			1.01									.13								2.19
Gilbert	White		.27																	.12				T.	.14			.02		.32		3.99
Gravette	Arkansas	.57	.58					1.05	.02	.05	T.	.14				.98				.14											T.		8.06
Helena	Mississippi		.38	.62					1.52	.20	.92		.30				3.68	.30		.27					.03						.15		5.43
Higden	White		.35					.02	1.07				.30		3.24					.77	T.												3.71
Hope	Red		.37					T.		1.02			.34			1.21																	2.07
Hot Springs	Ouachita									.21		1.86																					3.42
Huttig	Ouachita	.63														.55	1.62			.62													1.23
Index	Red	.04	.16													.14	.82			.07	T.											.05	2.90
Jessieville	Ouachita			.25				.75				.50			.25	1.00				.10												.15	4.65
Jonesboro	White		32					.13	1.36							2.07	.62																6.16
Lambrook	White		.60						.05	1.40			.98			2.85	.13			.15												T.	8.18
Little Rock ***	Arkansas		.76					.15	1.50	1.21		.68			.03	3.61	.07		.04		T.											.12	3.85
Lurton	White		.40					.62	.13	.02	.01	.03				2.00				.47		.03			.05							T	2.26
Lutherville	Arkansas		.55					T.	.09		.02	.07				1.41				.12													4.95
Magnolia	Red		1.70				.22						1.44			.94				.65													3.60
Malvern	Ouachita	.04	.37	.20					.27	.21	.02		.80			1.12	1.57															T.	2.92
Mammoth Spg.	White		.45					.38	1.12			.12				.85																.06	5.64
Marianna	Mississippi		.68						1.60	.05			.39			2.60	.64			.22													5.89
Marked Tree	Mississippi		.57	.07					1.72	.07			1.21				2.01	.24														.06	5.23
Marshall	White		.50					1.20	.11			.08				3.10				.10					.08								1.91
Mena	Ouachita	.01						T				T.	.61	T.		1.83				.01	T.				.05								1.68
Morrillton	Arkansas		.35										.12			.72	.12			.37												.06	1.22
Mountain Home	White		.56						.60																								5.41
Newport	White		.32						2.64				.81				1.64																3.05
Oden	Ouachita	.74					T.	T.	.02							2.14				.12	.03	T.											4.89
Osceola	Mississippi		.62						1.40	.10			.22				2.20	.35															2.28
Ozark	Arkansas		.41					T.								1.82				.05					.25							.35	4.59
Paragould	Mississippi		.45							.61	.07	.02	.13			.51	2.10	.10															5.50
Patterson	White		.15						2.40	.25	.05		.60			.34	1.60			.11					.09							.36	4.66
Piggot	Mississippi		.28					.23	.90		.03					2.17	.60								.05							.18	3.30
Pindall	White		.43					.66	.16			.32				.90				.60											.01	.02	3.85
Pine Bluff	Arkansas		.05	.22					.11		.41		.30			.02	2.70			.01												.12	4.12
Pocahontas	White		.25					.05	.80							2.45	.35								.10								2.66
Portland	Ouachita			.36						.09			.11				1.75	.26		.09													2.85
Prescott	Ouachita		.28					T.		.14		.21				1.62				.41	.19												2.49
Princeton	Ouachita								.55	.27	.15						1.52																1.69
Rison	Ouachita												.54				1.10			.05													3.68
Rogers	White	.03	1.01					.98	.06		.06					1.01				.06				.06								.41	4.45
Searcy	White		.07					.09	2.06				.35			1.40				.43												.05	1.25
Springbank	Red	T.	T.	T.				.25	T.				.30			T.	65			.05	T.												2.73
Story	Ouachita	.44							.46		.43					.60	.80															.01	6.04
Stuttgart	Arkansas	.10	.68					.88	.05	.10		.31				3.78			13														2.20
Subiaco	Arkansas		.45					T.	T.							1.65			T.	.10													2.15
Texarkana	Red		.30	T.						.18		.05					1.52			.10													2.05
Thornburg	Arkansas		.66					T.	.02		T.				T.	1.33	T.		T.	.04	T.			T.		T.		T.		T.			1.34
Waldron	Arkansas		.84					T.				T.			T.	47			.03														2.34
Warren	Ouachita	T.	T.						T.			1.14				1.20								T.									3.15
Waters	Ouahita	.58														2.50					.07												2.33
Whitecliffs	Red		.67							.09							1.35			.22													
Wilson	Mississippi																										T				T		7.67
Wynne	Mississippi	T.	.93	.23					2.03	.25	.01		1.22				2.65	.30		.05													6.03
Yancopin	Arkansas			.10			T.		.05	.08	.02		.08				5.35	.31		.04													

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. ‡ For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measurement.

Daily Temperatures for November, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	80	73	75	79	76	71	64	78	80	86	89	84	79	71	69	63	57	52	52	53	70	72	75	74	74	75	78	78	79	78		72.8
	Minimum	55	53	37	40	40	44	43	53	60	62	68	44	36	51	45	35	27	28	29	39	45	62	59	45	43	59	48	50	60	44		46.8
Batesville§§	Maximum	81	56	67	73	63	49	50	62	50	70	77	54	59	71	62	38	47	46	51	56	68	71	73	58	66	77	76	71	77	74		63.1
	Minimum	51	49	31	33	40	29	33	41	43	43	50	32	29	35	45	35	31	25	25	29	42	53	61	46	34	36	61	61	56	65		41.5
Bentonville	Maximum	78	54	65	69	55	45	56	55	71	74	72	55	62	72	64	32	42	43	52	54	70	74	64	55	63	71	72	72	77	69		61.9
	Minimum	46	40	38	46	36	31	43	47	47	59	37	29	35	53	32	26	23	23	34	36	50	52	37	33	37	62	64	54	54	26		41.0
Bee Branch	Maximum	82	76	68	72	68	55	52	75	61	73	77	68	59	66	66	43	51	48	44	51	66	69	75	70	64	76	73	73	77	72		65.7
	Minimum	53	47	34	41	46	32	40	48	46	46	61	32	36	48	40	32	27	25	32	32	42	60	58	48	39	54	57	60	56	39		43.7
Blytheville	Maximum	84	66	68	68	..	66	54	60	56	81	76	..	58	68	63	50	45	46	..	..	68	74	81	65	64	..	80	74	76	80		66.8
	Minimum	57	43	36	37	..	28	40	47	42	42	54	..	32	48	49	34	30	27	..	..	40	40	58	44	33	..	54	57	58	44		43.0
Booneville	Maximum	82	75	70	79	71	68	58	76	70	78	81	63	65	73	71	40	55	47	47	57	73	77	77	72	69	76	78	75	78	74		69.2
	Minimum	57	50	36	40	44	40	43	51	55	53	62	32	38	54	40	31	25	37	37	38	47	67	65	44	40	61	65	55	58	41		46.9
Brinkley	Maximum	85	73	68	75	62	53	69	79	61	77	78	73	57	77	70	60	49	48	51	61	73	74	78	69	69	77	78	77	76	79		69.2
	Minimum	53	49	32	39	44	33	45	51	46	49	62	39	32	48	59	35	32	29	34	28	48	58	59	52	43	61	57	60	64	44		46.2
Calico Rock§§	Maximum	85	55	69	74	61	50	50	61	55	72	82	54	65	70	62	35	45	48	49	57	68	76	78	59	68	75	67	75	82	70		63.9
	Minimum	50	48	32	33	38	29	34	44	44	44	54	30	30	32	59	34	28	24	26	30	34	56	63	43	34	35	56	64	51	60		41.3
Camden§§	Maximum	85	64	72	79	77	53	77	82	63	84	83	61	59	71	72	44	57	52	46	60	75	78	80	76	77	78	80	79	80	78		70.7
	Minimum	55	55	34	34	40	44	46	48	57	56	61	44	38	42	50	41	33	32	35	40	41	53	58	58	49	49	59	54	54	67		47.6
Center Point	Maximum	78	76	72	77	74	62	64	78	75	77	79	73	61	68	69	54	56	53	47	56	72	72	74	74	74	77	75	77	74			69.7
	Minimum	61	55	38	47	52	45	44	60	55	55	65	38	39	54	53	35	27	35	38	42	51	62	61	50	51	62	60	60	66	46		50.2
Conway	Maximum	84	69	70	74	64	53	56	77	64	77	81	68	62	70	69	55	51	49	48	55	72	74	76	70	70	79	79	72	79	75		68.1
	Minimum	55	49	36	43	33	37	44	50	50	48	61	35	34	48	50	37	29	29	32	44	63	62	50	43	59	59	63	63	69	42		45.9
Corning	Maximum	85	84	80	67	60	56	50	55	60	70	70	64	54	69	69	50	47	41	49	54	61	64	73	80	81	75	79	81	77	43		64.3
	Minimum	60	46	49	38	40	28	37	43	40	46	52	51	30	42	47	32	30	28	27	39	44	43	51	53	57	49	52	64	34	27		42.6
Dardanelle	Maximum	83	75	71	72	71	58	54	73	66	73	82	59	61	69	71	48	49	47	47	53	69	77	77	71	67	78	79	78	79	75		67.7
	Minimum	57	51	37	43	48	39	42	49	53	50	59	38	36	51	60	35	27	26	38	37	43	63	63	48	42	57	60	64	59	69		48.4
Dumas	Maximum	96	76	76	88	80	57	80	80	68	92	88	74	65	79	72	62	58	57	68	62	80	80	87	74	84	88	89	89	90	86		77.5
	Minimum	51	50	35	39	39	43	45	63	54	55	63	42	37	49	61	36	34	32	33	38	46	55	54	58	48	50	56	56	62	46		47.7
Dutton	Maximum	77	69	63	70	61	49	52	69	60	67	71	56	52	68	64	35	44	45	51	48	64	71	..	66	66	67	69	68	74	69		61.9
	Minimum	52	42	28	34	36	26	38	49	50	52	48	27	29	47	32	26	22	20	31	35	44	61	..	39	34	57	60	60	50	33		40.1
El Dorado	Maximum	89	75	71	80	81	59	77	84	70	85	84	78	68	71	73	54	56	54	46	61	75	78	80	76	81	87	78	79	80	78		73.6
	Minimum	52	58	40	46	55	49	46	65	61	62	66	44	40	52	52	41	35	36	41	41	49	55	56	60	54	62	58	55	64	49		51.5
England	Maximum	86	66	69	78	67	55	64	80	68	71	80	75	52	75	70	54	52	51	53	58	74	72	79	68	69	78	80	79	79	73		69.3
	Minimum	55	51	36	41	42	40	45	53	48	50	64	39	35	40	54	37	33	32	38	33	47	60	55	55	44	59	58	56	64	44		46.9
Eureka Springs	Maximum	80	67	67	71	61	46	57	55	70	76	74	60	69	72	66	34	45	44	51	54	70	74	71	59	65	72	72	71	77	76		64.0
	Minimum	61	41	38	46	42	29	41	48	45	59	44	28	33	53	32	27	22	21	34	38	48	64	46	33	37	61	64	62	59	34		43.0
Fort Smith	Maximum	80	61	69	74	64	46	54	73	66	78	78	56	56	73	72	39	51	45	48	60	74	78	70	58	64	76	77	75	78	74		65.6
	Minimum	56	45	41	47	46	40	44	52	51	54	45	37	39	51	37	29	29	34	39	38	47	69	44	43	42	60	62	62	59	34		46.0
Gravette	Maximum	79	63	65	70	65	49	56	57	65	75	73	76	62	71	67	34	42	45	54	54	72	75	71	54	73	72	73	71	78	66		64.2
	Minimum	55	41	33	39	45	30	40	46	45	60	48	28	36	51	31	27	22	22	33	36	49	64	40	31	32	46	62	62	63	32		41.6
Harrison	Maximum	86	72	68	77	65	49	52	57	57	76	80	56	64	68	38	41	44	49	59	69	74	74	71	68	72	74	74	81	63	52		64.3
	Minimum	54	40	30	38	42	27	38	47	43	50	64	27	29	38	27	21	20	34	31	50	61	60	36	30	57	61	61	60	34	34		41.5
Helena	Maximum	83	69	64	71	63	55	72	77	62	75	77	71	54	75	68	61	42	44	49	58	68	74	77	68	73	75	76	75	79	78		67.8
	Minimum	53	48	37	42	45	37	46	60	49	52	62	42	39	49	59	35	35	30	36	31	49	54	56	54	48	59	55	55	62	45		47.5
Hope	Maximum	84	70	74	80	81	60	76	86	71	87	84	70	65	75	71	55	65	55	60	70	75	77	84	82	87	81	84	83	88	76		75.2
	Minimum	59	47	38	42	45	47	46	66	57	58	64	42	38	46	47	33	27	39	39	40	42	62	60	62	67	63	61	58	67	43		50.0
Hot Springs	Maximum	64	66	67	78	76	70	74	72	76	84	89	75	71	71	68	64	60	57	63	68	71	74	74	75	76	76	74	75	78	74		72.1
	Minimum	34	36	38	44	42	41	41	40	42	43	43	38	39	38	34	33	31	28	31	32	41	46	46	47	45	46	44	44	59	55		40.7
Huttig	Maximum	89	88	70	82	83	77	77	85	83	..	..	..	..	..	85	75	55	57	56	61	75	78	80	79	83	80	83	83	80	80		77.0
	Minimum	53	54	38	41	50	47	47	64	61	..	..	..	..	..	65	39	35	34	40	38	47	53	52	60	54	61	51	51	61	68		50.6
Jonesboro	Maximum	82	72	66	64	62	48	49	56	53	71	76	72	67	75	65	51	40	41	47	58	67	78	74	68	61	77	76	77	75	75		64.8
	Minimum	57	48	35	39	47	29	40	44	41	48	57	35	35	46	51	34	31	26	31	30	50	58	60	49	37	60	58	60	61	40		44.6
Lambrook	Maximum	83	59	66	74	64	50	73	79	62	78	78	55	65	75	67	42	48	48	59	57	70	73	78	66	72	77	78	77	80	79		67.7
	Minimum	50	59	33	36	39	40	40	49	51	50	62	42	35	40	43	38	35	29	31	21	31	53	56	59	16	50	55	53	54	63		44.8
Little Rock	Maximum	81	69	67	71	62	46	56	76	56	76	79	54	55	72	69	40	52	46	49	55	71	72	75	64	67	75	77	74	77	76		65.4
	Minimum	60	48	39	47	46	37	45	54	47	49	49	37	38	50	40	34	31	33	38	38	50	61	60	52	48	62	59	61	64	38		47.2
Lurton	Maximum	73	58	61	67	56	43	54	60	57	65	70	50	59	60	62	33	40	44	41	49	61	65	67	60	61	..	68	67	71	65		58.2
	Minimum	57	39	37	46	30	28	37	50	45	49	41	27	34	46	31	24	23	22	30	31	43	58	58	41	41	..	57	57	58	29		40.6
Lutherville	Maximum	78	73	66	70	64	54	54	67	65	74	70	58	63	70	64	41	49	50	47	52	75	76	78	65	66	73	76	76	76	69		65.1
	Minimum	57	47	37	44	50	34	33	49	51	49	52	30	37	48	40	32	26	28	35	37	43	60	63	44	42	58	61	63	60	38		44.9
Magnolia	Maximum	89	82	76	78	80	68	..	85	83	84	84	77	..	72	72	63	62	59	47	64	75	77	80	75	79	80	80	79	86	81		75.4
	Minimum	60	40	37	42	50	45	..	45	59	61	65	45	..	40	62	39	35	30	41	44	51	59	57	61	50	62	59	56	52	50		49.9
Malvern	Maximum	84	76	71	75	72	68	55	78	73	79	81	68	59	71	70	53	57	53	51	53	71	74	77	73	68	77	81	79	80	77		69.9
	Minimum	55	52	34	38	43	42	42	52	51	52	60	40	38	50	53	38	29	34	38	35	43	61	58	57	45	56	57	59	65	46		47.4
Mammoth Spg	Maximum	85	79	68	65	65	56	52	60	64	76	81	57	60	65	66	68	70	72	56	58	65	72	78	68	65	74	80	74	80	74		68.4
	Minimum	45	44	30	46	46	35	37	42	40	47	66	32	36	38	38	42	46	26	32	34	43	59	56	40	28	58	58	61	55	39		43.3
Marianna	Maximum	83	70	65	70	62	69	70	77	62	75	78	72	74	75	69	60	43	45	50	69	70	73	79	69	70	76	79	80	79	79		69.7
	Minimum	59	48	36	41	48	36	35	60	47	59	63	40	38	37	60	35	34	29	35	33	32	58	59	49	48	60	58	57	63	45		46.4
Marked Tree§§	Maximum	54	63	70	55	45	58	65	56	75	65	53	55	67	64	38	37	36	39	53	58	60	61	58	67	62	60	65	68	68	40		57.0
	Minimum	53	32	32	38	39	34	44	42	42	55	37	35	37	50	37	32	25	26	28	37	52	57	51	37	38	58	58	58	62	31		41.6
Marshall	Maximum	80	74	65	71	67	52	54	58	61	69	78	68	61	63	63	56	46	44	48	51	68	71	70	73	68	73	74	72	77	72		64.9
	Minimum	62	45	32	36	38	29	41	42	44	50	38	29	29	49	41	29	25	22	34	37	40	46	48	41	37	59	65	62	61	37		41.5
Mena	Maximum	75	70	66	75	66	55	57	76	68	75	78	57	64	65	67	40	54	46	46	52	56	73	67	66	72	74	70	73	70	64.9		
	Minimum	58	51	35	41	48	42	41	56	55	56	57	36	35	55	40	30	26	34	37	42	49	49	62	47	45	62	62	61	66	38		47.3
Morrilton§§	Maximum	80	59	69	73	63	45	56	74	54	74	78	57	69	70	63	39	52	45	48	56	69	71	70	59	67	77	78	73	77	76		64.4
	Minimum	58	51	39	41	47	38	38	40	44	49	51	36	33	40	52	37	31	31	34	35	36	55	61	49	43	45	59	63	63	66		45.5
Mountain Home	Maximum	84	73	67	72	63	51	45	59	60	72	79	52	65	69	62	39	44	47	49	56	67	74	74	68	67	74	73	75	80	72		64.4
	Minimum	52	44	31	39	44	28	39	43	45	42	50	27	28	46	36	30	24	21	33	31	43	62	60	39	32	55	59	62	54	34		41.1
Mount Ida	Maximum	78	69	70	79	69	58	55	80	72	75	81	64	62	68	67	43	57	51	47	52	69	74	72	70	68	68	77	72	76	76		67.3
	Minimum	52	52	33	36	39	42	43	52	55	53	63	31	28	52	42	33	24	28	35	32	43	50	48	46	39	45	58	59	60	41		43.8
Newport	Maximum	85	75	70	77	65	58	55	58	55	72	78	73	58	76	70	62	51	47	52	59	68	74	76	69	66	78	78	76	78	75		67.8
	Minimum	54	50	34	42	46	30	42	45	43	47	52	34	32	45	48	35	32	30	35	30	46	67	59	49	37	61	69	61	61	40		45.2
Osceola	Maximum	75	83	63	70	63	55	55	60	63	69	81	75	60	62	75	63	58	36	46	55	58	68	73	75	77	65	78	76	76	75		66.0
	Minimum	50	61	52	33	39	49	30	39	41	44	44	59	38	36	36	51	36	32	28	30	34	35	53	59	60	39	42	59	60	62		44.4
Ozark§§	Maximum	82	62	71	75	66	46	56	77	66	70	79	70	62	72	52	41	51	45	54	71	72	74	76	75	74	76	78	75	61	61		66.3
	Minimum	60	50	37	41	45	37	42	44	45	52	50	32	38	39	50	34	26	27	31	39	44	48	47	46	47	45	40	62	55	56		43.6
Pine Bluff	Maximum	87	72	74	84	69	57	72	81	64	84	83	61	57	76	71	52	59	52	56	66	76	78	80	70	75	82	84	81	82	78		72.1
	Minimum	56	50	37	45	47	42	46	62	51	54	61	41	40	50	51	37	34	33	38	36	49	60	60	55	49	60	54	57	65	44		48.8
Pocahontas	Maximum	81	79	69	64	65	54	46	58	55	66	78	74	60	77	70	50	49	44	50	59	66	72	75	70	62	77	78	73	76	73		65.7
	Minimum	52	48	32	35	49	29	40	41	41	45	56	32	35	44	50	35	30	25	29	29	45	52	60	45	33	53	58	60	55	42		42.7
Portland	Maximum	89	78	71	80	78	66	80	85	75	85	85	75	72	81	78	65	51	51	54	65	76	78	82	78	82	81	83	82	83	79		75.6
	Minimum	50	53	38	38	44	48	48	63	59	63	63	47	45	50	64	37	33	33	39	35	47	50	54	56	52	60	54	51	61	58		49.8
Prescott	Maximum	89	82	73	78	78	79	71	84	82	84	86	88	86	72	69	58	50	49	52	59	72	78	79	81	77	81	82	79	83	76		75.2
	Minimum	66	67	38	40	45	46	47	59	55	54	56	53	49	43	54	36	27	33	37	45	48	60	64	60	45	60	63	60	64	68		51.1
Rison	Maximum	83	84	68	77	77	65	71	78	78	80	80	80	55	72	73	65	53	54	52	56	72	72	73	73	73	74	76	78	78	75		71.5
	Minimum	57	52	31	44	48	44	45	64	54	54	66	42	37	50	61	38	34	32	39	37	49	59	71	66	70	70	73	73	74	56		53.0
Rogers	Maximum	80	73	67	72	66	48	56	56	72	76	73	56	67	72	67	34	44	45	54	55	70	75	71	57	65	72	74	72	78	71		61.6
	Minimum	60	42	32	40	46	31	43	51	46	56	49	29	35	53	35	27	21	25	31	30	40	60	47	33	31	61	64	64	49	33		42.0
Searcy	Maximum	83	71	67	73	69	58	57	75	60	73	78	75	57	73	73	70	49	48	47	57	73	70	75	72	74	77	78	76	77	78		68.8
	Minimum	52	50	33	39	46	33	43	47	44	47	48	35	36	45	46	35	30	26	34	28	39	45	60	43	40	59	54	59	56	44		43.2
Stuttgart	Maximum	85	84	75	75	69	62	73	78	67	80	80	67	62	75	71	61	52	48	49	62	75	76	78	70	70	79	81	78	80	77		71.3
	Minimum	55	55	33	42	42	37	44	56	48	50	63	39	35	48	60	36	32	30	36	31	47	55	57	53	45	60	56	55	60	45		46.8
Subiaco	Maximum	85	73	70	76	65	55	57	78	63	78	83	63	64	73	72	43	53	47	49	53	74	88	78	64	65	75	79	75	80	74		68.4
	Minimum	56	49	39	47	48	36	42	48	53	50	56	33	35	44	41	32	27	32	37	35	45	67	59	44	40	56	64	65	60	39		46.0
Texarkana	Maximum	85	72	72	82	82	63	75	87	80	84	78	71	71	72	70	50	63	53	43	61	78	80	81	74	79	79	83	83	80	70		73.4
	Minimum	60	52	37	40	40	45	45	55	56	49	42	39	53	55	45	35	26	32	40	42	52	54	56	54	45	60	60	60	65	42		47.9
Thornburg	Maximum	80	71	67	75	67	46	61	76	62	73	78	62	62	67	68	45	50	50	45	48	69	72	74	71	72	76	77	72	78	73		66.2
	Minimum	57	43	30	35	37	36	40	57	49	49	59	29	29	50	42	33	26	30	33	31	43	61	61	47	35	60	62	62	64	38		44.3
Warren	Maximum	85	78	68	76	72	62	74	78	74	81	79	78	56	74	76	63	49	49	51	59	74	75	77	72	76	76	77	73	79	79		74.3
	Minimum	62	39	47	49	45	45	64	55	55	59	47	39	49	56	39	32	37	39	37	50	55	57	60	50	60	56	56	64	65	35		50.1
Wynne	Maximum	82	71	69	71	66	55	66	72	70	76	77	75	71	76	67	55	50	49	50	50	68	73	77	72	70	79	75	76	78	77		68.8
	Minimum	58	49	31	38	31	34	47	48	44	50	63	37	36	36	55	35	34	27	34	30	53	52	53	52	42	60	61	57	61	43		45.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., DECEMBER, 1927 No. 12

GENERAL SUMMARY

December was a month of temperature extremes and locally heavy rainfall, and while all records were within the limits established by previous years, temperature fluctuations were marked and frequent. The closing days of November were unusually warm, but December opened with a cool wave which by the 8th had become severely cold in the northern counties, temperatures being near zero at numerous stations with 14° to 16° recorded in the southern border counties. Warm weather immediately followed with positive departures of 20° to 22° at numerous stations on the 13th. Another cold wave with near zero temperatures in the northern counties occured on the 19th, and by the 29th daily means were again 16° to 20° above normal. On the 31st a severe cold wave began overspreading the State, 2° below zero being recorded at Gravette.

Light rainfall occurred at a few stations on the 1st, at numerous stations on the 7th and 8th, in most sections from the 11th to the 14th, and on the 28th and 29th, amounts being excessively heavy locally on the 13th and 14th, several stations in the northwestern counties reporting from five to seven inches within 24 hours. Flood stages resulted on the White, Black, Little Red, and Petit Jean rivers. A break in the levee on White River near Des Arc inundated several thousand acres, but loss was not large.

A small amount of cotton and corn was gathered during the month, rice threshing was practically completed, and some plowing done early in the month. Meadows were generally in good condition at the close of the month, but oats and winter truck were damaged by the severe freezing weather. W.C.H.

TEMPERATURE

The mean temperature for the month of December, as determined from the records of 58 stations, was 40.9° which is 1.6° below normal. Four southern and one eastern station showed positive departures, negative elsewhere. Monthly means ranged from 49.6° at Huttig to 34.4° at Dutton, a difference of 15.2° between the Ozarks of the Northwest and the southern border. Extremes ranged from 84° at Dumas on the 13th to 2° below zero at Gravette on the 31st. The highest occured in most localities on the 12th or 13th and the lowest about the 8th, 9th, or 31st. The greatest daily range was 55° at Warren on the 31st.

PRECIPITATION

The average precipitation for December, as determined from the records of 87 stations, was 4.18 inches which is 0.13 inch above normal. Monthly totals ranged from 1.18 inches at Thornburg to 10.42 inches at Lutherville. The heavier totals were confined to the northwestern counties, three stations measuring over ten inches. The greatest amout for any 24 hour period was 7.00 inches at Dutton on the 13th. Gravette and Rogers recorded 2.0 and 2.5 inches of snow on the 7th and traces were recorded at numerous stations. The average number of days with 0.01 inch or more precipitation was 6.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--6th, 3; 11th, 4; 12th, 10; 13th, 10; 20th, 1; 30th, 3; 31st, 2.

SOLAR HALOS:---9th, 1; 20th, 1; 23d, 1; 26th, 1; 29th, 1.

LUNAR HALOS:---4th, 1; 14th, 1.

DENSE FOG:------2d, 1; 11th, 8; 12th, 4; 13th, 2; 14th, 8; 28th, 1; 29th, 1; 30th, 2.

GLAZE:----------Gravette, 30th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	.....	.....	.....	.....	.....	4,768	33	n.	13	.....	.....	64
Fort Smith.	30.17	30.68	8	29.45	7	6,559	40	w.	7	80	64	61
Little Rock.	30.17	30.64	9	29.46	7	7,205	48	w.	7	70	56	49
Memphis.	30.18	30.66	9	29.52	7	6,488	39	s	7	80	65	52

COMPARATIVE DATA FOR DECEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.5**		**88**		**-21**		**4.05**		**12**	**6**	**13**	**7**
1891	46.9	+4.4	72	5	13	26	4.69	+0.64	14	7	10	7
1892	40.9	−1.6	83	3	−10	26	8.79	+4.74	7	6	18	10
1893	45.4	+2.9	79	25	3	4	1.83	−2.22	14	8	9	5
1894	44.6	+2.1	82	8	−11	27	3.48	−0.57	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	−0.09	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	−3.21	8	7	16	8
1897	40.3	−2.2	81	9	10	4	6.00	+1.95	10	5	16	8
1898	39.5	−3.0	76	29	− 4	14	1.87	−2.18	16	6	9	5
1899	41.0	−1.5	74	1	8	15	4.08	+0.03	15	7	9	7
1900	44.9	+2.4	82	17	10	31	2.76	−1.29	16	6	9	5
1901	38.5	−4.0	87	24	− 6	15	4.42	+0.37	12	6	13	6
1902	40.8	−1.7	75	3	5	26	5.71	+1.66	10	6	15	8
1903	39.7	−2.8	74	22	6	26	3.44	−0.61	18	5	8	6
1904	42.9	+0.4	80	2	3	29	5.10	+1.05	12	7	12	7
1905	38.5	−4.0	69	8	7	4	4.96	+0.91	14	5	12	9
1906	46.5	+4.0	88	3	10	23	5.64	+1.59	8	7	16	8
1907	44.4	+1.9	85	28	11	11	2.70	−1.35	12	6	13	7
1908	46.0	+3.5	82	15	11	2	1.50	−2.55	13	7	11	5
1909	35.3	−7.2	82	4	1	9	5.26	+1.21	14	6	11	9
1910	40.8	−1.7	75	28	9	7	3.57	−0.48	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.95	10	7	14	12
1912	41.7	−0.8	76	19	8	9	2.63	−1.42	14	7	10	7
1913	43.6	+1.1	77	1	14	26	3.26	−0.79	7	7	17	9
1914	36.1	−6.4	70	2	−11	15	6.26	+2.21	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.68	12	4	15	7
1916	42.1	−0.4	82	4	−16	15	3.35	−0.70	14	6	11	6
1917	34.8	−7.7	81	3	−21	9	1.29	−2.76	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.57	14	5	12	7
1919	40.4	−2.1	78	31	1	10	1.94	−2.11	13	4	14	5
1920	43.2	+0.7	74	31	6	28	5.95	+1.90	13	5	13	8
1921	47.1	+4.6	82	13	11	25	2.78	−1.27	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.54	12	5	14	9
1923	49.1	+6.6	80	8	9	31	6.24	+2.19	9	5	17	13
1924	41.4	−1.1	86	14	− 8	25	3.65	−0.40	14	5	12	6
1925	40.2	−2.3	81	8	− 6	28	1.71	−2.34	15	5	11	3
1926	43.3	+0.8	79	4	− 3	26	7.15	+3.10	11	4	16	10
1927	40.9	−1.6	84	13	− 2	31	4.18	+0.13	14	5	12	6

Corrections:, 1927

Arkansas City precipitation departure August, 1927, should be +3.49; Bentonville November, +2.47; Black Rock, July, +0.42; Booneville, July, +1.06; Fulton, September, +1.45; Georgetown, February, −1.45; Mammoth Spring, March, −1.19; Mountain Home, March, −1.54; Texarkana, September, +2.60. Brinkley temperature departure, March, 1927, should be +1.6; Camden, August, −1.6; Dardanelle, April, +5.5.

Climatological Data for December, 1927

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	32	44.2	+1.4	76	13	13	8†	43	2.22	−2 19	0.65	0.0	5	7	16	8	n.	G. C. Thrash.
Arkadelphia	Clark	250	31								4.89	+0.05	2.00	0.0	6	15	5	11	n.	W. K. Brown
Arkansas City	Desha	145	43								3.41	−1.48	1.40	0.0	8	8	0	23		Carl R. Cutting
Arlberg	Stone	700	5								6.01		3.55	0.0	5	17	3	11	n.	J. D. Reeves
Batesville	Independence	277	28	37.8	−2.8	74	13	9	9	40	2.11	−0.80	0.54	0.0	8	17	3	11	w.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	35	39.3	−2.9	71	13	10	8	47	3.13	−0.82	1.03	0.0	7	17	2	12	w.	J. E. Scanlan.
Bentonville	Benton	1303	22	35.6	−1.9	66	12	0	31	44	2.91	+0.15	1.24	T.	7	18	4	9	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								2.35	−1.40	0.56	0.0	8	15	1	15	n.	Vernon C. Howe
Blytheville	Mississippi	252	2	41.4[d]		72[d]	13	15[d]	20	44[d]	1.87		0.70	0.0	5	17[d]	4[d]	6[d]	n.	J. M. Brooks
Booneville	Logan	465	13	40.9	−2.6	72	12	10	8†	37	5.57	+2.72	3.91	T.	6	18	3	10	w.	F. H. Randolph
Brinkley	Monroe	205	40	41.8[a]	−1.6	76[a]	13	11[a]	9	41[a]	3.43	−1.51	1.32	0.0	6	16[a]	5[a]	9[a]	ne.	R J. Torry
Calico Rock	Izard	361	23	37.8	−1.7	71	12	9	8	36	4.44	+1.45	1.73	0.0	7	14	5	12	nw.	W J Copp
Camden	Ouachita	158	42	43.1	−2.0	80	13	14	9†	44	3.54	−1.13	1.15	0.0	7	12	4	15	sw	A. B. Quarterman
Center Point	Howard	470	28	43 6	−1.0	74	13	12	8	42	5 14	−0.89	1.36	0 0	9	8	10	13	e.	John C. Floyd
Clarendon	Monroe	200	23								4.70	−0 31	2.35	0.0	8	8	5	18	n.	J. W. Bishop
Clinton	Van Buren	516	6								5 26		1.23	0.0	6	6	16	9	w.	A. L. Stephens
Conway	Faulkner	309	44	41.1	−1.1	76	13	12	9	34	2.42	−1.72	0.69	0.0	7	16	7	8	s.	E. E Cordrey
Corning	Clay	293	34	38.8	−0.6	74	4†	8	8	45	3.36	−0.59	1.22	0.0	4	19	1	11	nw.	Winfred D. Polk
Cotter	Marion	408	1								6 21		3.65	0.0	5	16	3	12		J. O. Linck
Dam No. 1 ‡‡	White	190	4								3.91		1.25	0.0	6	13	1	17	sw.	J. O. Yingling
Danville	Yell	327	11								3.46	−0.50	0.90	0.0	6	16	6	9	w.	C. P. Evans
Dardanelle	Yell	330	41	41.4	−0.8	71	13	12	8	31	4.28	−1 08	0.92	0.0	7	10	14	7	nw.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	1								3 55		1.19	0.0	6	18°	0°	10°		H. G. Pate
Dumas	Desha	162	21	46.4	−1.0	84	13	12	9	47	3.33	+2 03	1.49	0.0	7	8	10	13	s.	Ben Johnson.
Dutton	Madison	1590	24	34.4	−3.0	65	12†	1	8	41	10.19	+6.76	7.00	T.	7	17	6	8	s.	J. M Ricketts
El Dorado	Union	270	26	45.6	−0.4	78	13	18	8†	34	5.20	+0.54	1.90	0 0	9	10	4	17	n	J. J Babb
England	Lonoke	229	20	42.8	−0.4	77	13	14	9	39	4.76	+0.18	2.11	T.	8	12	8	11	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	37.3	−1.9	66	12†	0	31	44	3.64	+1.22	1.93	T.	8	16	5	10	n.	Geo. W. Nicholds
Fayettaville	Washington	1451	40	35.9	−4.0	70	12	3	8†	39	2 85	+0.24	1.77	T.	7	17	1	13	n.	University of Arkansas
Fort Smith	Sebastian	457	46	39.2	−2.9	67	12	6	31	37	7.69	+4.81	6.40	T.	8	10	11	10	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	3								10.34		3.81	T.	7	17	5	9	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								4 20	−0.11	1.96	0.0	6	12	1	18		T. J. Logan
Georgetown	White	200	15								2 90	− 1.37	0.67	0.0	6	12	3	16	n	W. R. Owens
Gilbert	Searcy	675	4								7.52		5.72	0.0	5	15	9	7		Ben F. Battenfield
Gravette	Benton	1250	30	36.0	−1.6	65	12	−2	31	42	2.48	+0.29	1.20	2.0	5	12	9	10	n.	A. F. Stevens
Harrison	Boone	1052	26	37.4		68	12	4	8	40	5.22	−2.72	3.85	T.	6	17	5	9		G. L Wright
Helena	Phillips	193	55	42.6	−2.2	78	12	15	9	43	3.38	−1.56	1.02	0.0	9	15	0	16	n.	James A. Burnett
Higden	Cleburne	445	9								2.89		0.95	0.0	7	17	1	13	nw.	Geo. W. Baker
Hope	Hempstead	377	56	47.7	−1.0	80	13	15	8	50	3.81	−0.53	1.55	T.	7	15	1	15	n.	N. P. O' Neal
Hot Springs	Garland	600	36	43.0	−3.2	74	13	5	31	55	4.13	−0.07	1.29	0.0	6	17	7	7		G. C. Rolton
Huttig	Union	175	20	49.6[d]	−0.8	79[d]	13	14[e]	9	40[d]	4.48	−0.47	1.78	0.0	5	11[a]	3[a]	16[a]	n.	J. L. Collett
Index	Little River	275	2								4 08		2.00	0.0	6	13	0	18		H. D Sanderson
Jonesboro	Craighead	345	32	39.8	−1.2	74	13	11	8†	42	2.04	−2 58	0.92	0.0	7	23	0	8	ne.	Benedictine Sisters
Lambrook	Phillips	155	4	41.7		76	13	10	9	42	2.73		0.74	0.0	8	16	0	15		Mrs. D. C. White
Lead Hill	Boone	650	1	36.2		70	12	5	31	40	4.30		3.19	0.0	4	17	5	9	n.	J. H. Crosswhite
Little Rock	Pulaski	357	48	42.3	−1.9	75[f]	13	11	31	41	3.82	−0.42	1.29	T.	8	11	6	14	s.	U. S. Weather Bureau
Lurton	Newton	2100	2	35.2[a]		64[a]	12	0[a]	31	41[a]	9.97		5.67	T.	8	17	5	9	's.	I. C. Sutton
Lutherville ‡‡	Johnson	775	29	38.2	−3.0	68	12	4	8	32	10.42	+6.88	6.15	0.0	7	18	2	11	n.	H. G. Lenhardt
Magnolia	Columbia	315	8	45.4[a]		79[a]	13	17[a]	8	44[a]	3.46		1.08	0.0	7	11[a]	6[a]	13[a]	n.	State Agri. School
Malvern	Hot Springs	277	40	43.6	+0.6	76	13	12	9	46	4.72	+0.02	1.79	0.0	8	14	7	10	n.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	22	42.3	−3.6	68	12	14	8	33	7.95	+4.87	5.24	T.	6	16	5	10	sw.	W. C. Gregg
Marianna	Lee	235	15	42.8	+0 8	77	13	14	9	34	3.32	−1.24	2.15	0.0	7	17	10	4	n.	C. N. Houck
Marked Tree	Poinsett	229	22	35.2		70	11†	4	31	41	3.17	−1.31	0.64	0.0	10	12	10	9	n.	Charles Walton
Marshall	Searcy	1070	13	37.5	−5.3	70	12	7	8	41	6.60	+2.97	4.62	0.0	5	16	6	9	n.	A. J. Parks
Mena	Polk	1185	39	39.6	−3.0	68	13	9	31	36	3 53	−0.34	0.96	0.0	6	15	11	5	n	E. W. St. John
Morrillton	Conway	347	6	40.5		73	13	13	9	29	2.80		0 70	0.0	6	11	10	10	nw	John Cook
Mountain Home	Baxter	800	13	37 0	−2.7	70	12	5	8†	40	6.70	+3.13	5.85	0.0	4	13	0	18	nw.	B. S. Hulbert
Newport	Jackson	231	43	41.8	−0.1	78	13	12	8†	42	2.65	−1.21	0.71	0.0	8	16	2	13	s.	A. C. Wilkerson
Osceola	Mississippi	240	29	42.6	−0.2	75	1	13	10	46	2.34	−1.81	0.75	0.0	7	15	3	13	n.	June Thomason
Ozark	Franklin	396	31	38.0	−3.2	67	13	10	8	36	9.88	+6.64	6 63	T.	4	14	4	13	nw.	Isham Burrow
Paragould	Greene	301	11								2.17		0 84	0.0	5					W. R. Heagler
Patterson	Woodruff	196	1								2 62	−1.38	0.65	0.0	6	15	4	12	n	W. E. Baker
Piggot	Clay	307	3								3.07		0.89	0.0	7	13	6	12	w.	V. C. Wright
Pindall	Searcy	500	5								7.23		6.21	0.0	7	16	5	10	nw.	W. W. Wood
Pine Bluff	Jefferson	1215	40	45 2	+0.8	78	13	14	9	36	5.29	+0.32	2.68	0.0	9	10	6	15	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	34	39.0	−1.8	73	13	9	9	42	2.31	−1.33	0.82	0 0	6	16	2	13	n.	Benedicitine Sisters
Portland	Ashley	122	21	45 5	−1.9	80	13	14	9	39	4.21	−1.29	1.25	0.0	8	6	19	15	n.	W. E. Edmiston
Prescott	Nevada	329	39	43.9	−1.8	76	13	13	9	49	5.10	+0.98	2.02	0.0	6	14	2	15	n.	C. D. Calhoun
Princeton	Dallas	287	21								3.49	−1.85	2.27	0.0	4	17	5	9		Mrs. F. P. Coleman
Rison	Cleveland	243	26								2 50	−1.21	0.90	0.0	4	10	10	11	sw.	Mrs. M. V. Tisdal
Rogers	Benton	385	36	36.2	−2.4	66	12†	1	31	42	3.76	+0.96	1.48	2.5	6	10	11	10	sw.	Carl A. Starck
Searcy	White	1236	18	40.9	−1.6	76	13	12	9	43	2.01	−2.71	1.20	0.0	5	21	0	10	n	J. T. Bell.
Springbank ‡‡	Miller	240	20								3 00	−1.85	0.95	T.	4	14	0	17		Miss Grace Field
Story	Montgomery	700	3								2.88		0.95	0.0	4	16	2	13	n	S C. Story
Stuttgart	Arkansas	228	40	42.8	−0.8	76	13	8	31	54	4.61	+0.10	1.19	0.0	6	13	8	10	n.	Adam F Buerkle
Texarkana	Miller	332	41	44.6	−2.2	80	13	14	8	37	3.79	+0.26	1.30	T.	5	13[b]	5[b]	11[b]	n.	H. S. Brashear
Thornburg	Perry	650	3	38.8		72	13	5	9	40	1.18		0.49	T	4	11	7	13	s.	Edward E. Holmes
Waldron	Scott	675	8								4.10		1.70	T.	5	13	3	15	nw.	Dr. Cheves Bevill
Warren	Bradley	206	33	44.9	+0.2	78	13	11	31	55	2.75	−2.68	0.50	T.	6	14	6	11	n.	W. L Shide
Waters	Montgomery	800	3								3.66		1.68	0.0	5	13	3	15	w.	J. R. Huddleston
Whitecliffs	Little River	290	23								5.75	−1.86	3.05	0.0	4	9	4	18	sw.	Nannie O Schirmer
Wilson	Mississippi	237	2	39.6		74	13	10	9	35	2.25		0.70	0.0	7	20	5	6	n.	V. B. Rakestraw
Wynne	Cross	250	19	40.8	−1.0	74	13	12	9	38	3.31	−1.45	1.03	0 0	8	17	2	12	n.	E. O. Allen
Yancopin	Desha	167	3								3.13		0.84	0.0	9	12	4	15		W. E. Barton
State Means and Extremes				40.9	−1.6	84	13	−2	31	55	4.18	+0.13	7.00	2.2	6	14	5	12	n.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means T. Less than 0.0
inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡Po
office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R.F.D. 3, Junction City, Ark.: Lutherville R.F.D. No 1, Lamar, Ark.: Springbank, Doddridge, Ar

Daily River Stages for December, 1927

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.0	6.0	7.8	8 2	7 2	6 7	6.4	6.1	6.0	5 9	6.1	6.1	8.2	14.6	14.7	14.8	14.5	13.6	11.6	8.7	7.8	7.0	6.8	6.6	6.4	6 1	6.0	6.1	6.9	7.7	9.5
Ozark	do	22	2.3	2 2	2.1	4.9	6.2	4.0	3.8	3.5	3.3	2.5	2.0	1.9	10.5	18.1	13.2	12.0	11.6	10.9	10.2	9.8	9.0	8 4	6.3	5.0	4 7	4.5	4.2	4.0	5.0	5.3	5.6
Dardanelle	do	20	4.6	4.6	4.5	5.2	6.3	5.9	5.2	5.2	5.1	5.0	4.8	4 6	6.1	23.8	18.8	15.0	12.7	12.5	12.1	9.6	7.7	6.5	6 1	5.6	5.6	5.4	5 3	5.1	6.8	7.1	7.6
Morrillton	do	20	2.5	2 4	2 3	2.3	3.0	4.0	3.9	3.0	2.8	2.7	2.6	2.5	2.5	20.0	19.0	15.0	14.0	13.5	12.5	11.0	9.0	6.0	5.0	4 2	4.0	3.8	3.3	3.0	4.0	5.0	5.6
Little Rock	do	23	3.3	3.0	2.9	2.8	2.6	3.8	4.8	4.3	4.0	3.8	3 4	3.3	3.1	11.3	19 7	17.3	15.2	14.2	13.4	12.1	10.4	8.3	6.6	5.5	5.0	4.4	4.1	4.0	3.9	4.9	6.2
Pine Bluff	do	25	8.0	7.8	7.7	7.5	7.3	7.1	8 5	8.9	8.5	8.3	8.1	8.2	7.9	7.9	19.7	21.1	19.0	17.8	17 3	16.2	15.2	13.7	12.1	10.9	10.0	9.5	9.0	8.7	8 5	8.5	9.5
Yancopin	do	20	17.5	17 2	16.8	16.4	16.0	16.0	16.4	17.5	18.4	18.6	18.8	18.9	19.2	19.6	22.5	28.2	29.1	28.7	28.7	28.5	28.2	27.9	27.7	27.7	27.4	27.1	27.1	27.2	27.3	27.6	27.7
Danville	Petit Jean	20	1.1	0.9	0.8	0.8	0.7	0.7	0.9	1.3	1.3	1.3	1.3	2.1	2 5	16.9	20.2	22.7	21.1	19.7	18 1	8.5	7.1	6.4	6.4	6.3	6.8	6.1	6.1	6 5	6.5	6.4	6.3
Cotter	do		3.4	4.7	4.8	4.7	4.7	4.1	3.9	4.0	4.1	4.7	3.9	4.2	9.9	18.4	17.3	20.8	22.4	14.1	9.5	8.2	7.2	6.6	6.1	5 7	5.4	5.1	4.9	4.9	5.1	5.3	5.5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Calico Rock	White	18	3.3	2.7	3.6	3 7	3.6	3.3	2.6	2.9	3.3	3.7	3.5	3.2	6.3	39.0	28.2	20.9	22.4	17.6	10.6	8.7	7.6	6.8	6.2	5.7	5.3	5.0	4.7	4.6	4.5	5.2	5.2
Batesville	....do	23	8.8	8.4	8.7	9.1	9.0	9.0	8.7	8.1	8.4	8.8	9.2	8.9	9.7	30.4	37.6	31.2	28.0	28.0	21.2	16.3	14.5	13.4	12.5	11.9	11.4	10.9	10.6	10.4	10.4	10.8	11.0
Newport	...do	26	8.1	7.7	7.0	7.0	7.2	7.0	7.0	6.7	6.4	6.3	6.6	6.9	6.8	13.5	24.5	28.9	29.6	29.7	29.5	27.9	26.3	24.8	23.5	22.3	21.2	20.3	19.5	18.9	18.6	18.2	17.9
Dam No. 1	Little Red	..	0.7	0.5	0.5	0.4	0.3	0.2	0.2	1.0	2.4	3.0	3.0	3.4	4.5	15.8	25.0	18.0	15.0	12 5	11.2	10.0	9.0	8.4	7.0	6.6	6.4	6.2	6.0	6.5	7.4	8.0	7.0
Georgetown	White	22	13.9	12.7	12.0	11.6	11.0	10.6	19.2	10.2	9.8	9.6	9.5	9.8	10.1	11.2	17.4	19.1	19.6	21.6	23.4	24.4	25 2	25.4	25.2	24.7	24 2	23.6	23.0	22.4	22.1	21.7	21.4
De Valls Bluff	....do.	30	.....	.....	.....	18.0	17.5	16.4	15.9	15.5	15.1	14.7	14.5	14.9	15.4	15.8	17.0	18.8	19.9	20.7	21.2	21.9	23.5	24.8	25.4	25.7	25.5	25.1	24.8	24.5	24 1	23.8	23.4
Clarendon	....do	30	23.9	23.5	23. 1	22.6	22 1	21.4	20.8	20.2	19.6	19.1	18.7	19.1	19.3	19.5	19.8	20.6	21.5	22.2	22.7	23.4	24.3	26.2	27.6	28.4	28.9	29.0	29.1	29.2	29.0	28.8	28.6
Gilbert	Buffalo	11	4.2	4.2	4.1	4.1	4.0	4.0	5.0	4.8	4.7	4.6	4.6	4.5	22.5	25.0	16.3	9.8	7.2	6.8	6.3	6.1	5.9	5.8	5.7	5.6	5.5	5.5	5 5	5.7	6.0	5.8	5.6
Black Rock	....do	14	6.0	5.8	5.6	5.5	5.4	5.4	5.2	5.1	5.0	5.0	5.0	5.0	6.0	17.0	25.3	23.0	21. 1	20.3	2.00	19.9	19.9	20.0	20.3	20.2	19.8	19.2	18.3	17.5	16.9	16.0	15.4
Patterson	Cache	9	7.8	7.6	7.4	7.1	6.7	6.3	6.0	5.8	5.5	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.4	5.7	6.2	6.6	6.9	7.3	7.4	7.4	7.2	6.8	6.4	6.1	6.3	6.5
Arkadelphia	Ouachita	18	0.8	0.6	0.3	0.1	0.0	....	0.6	1.3	1.2	1.0	1.0	5.5	6.0	7.0	7.3	6.0	4.6	4.0	3.5	3.0	2.8	2.0	2.0	1.0	0.5	1.2	2.2	1.0	1.6	3.0	3.6
Camden	...do	30	5.4	5.2	5.1	5.1	5.0	4.8	4.6	4.8	5.2	6.4	6.8	7.0	10.1	16.4	18.5	20.0	20.4	15.9	18 6	13.5	11.6	10.6	9.9	8.8	8.0	7.3	6.5	6.0	7.8	10.2	12.9
Fulton	Red	28	7.5	7.3	7.1	7.0	6.9	6 8	6.9	6.9	6.9	7.6	7.7	8.4	9.7	11.5	12.8	19.3	21.2	22 3	23.0	21.9	19.8	18.7	15.7	13.6	11.6	10 7	10.1	9.8	9.7	9.9	12.8
Springbank	....do	37	8.2	8.2	8.1	8.0	8.0	7.8	7.7	7.6	7.5	7.5	8.0	8.5	9 0	11.0	12.8	17.3	22. 3	24. 3	24. 8	23. 8	22. 3	20. 8	18. 8	16. 8	15. 3	13. 8	12.3	11.3	10. 8	10.5	10.6
Whitecliffs	Little	28	1.7	1.7	1.6	1.5	1.4	1.2	1.4	1.4	1.6	1.8	2.6	5.8	7.4	16.0	22 6	23.6	23. 3	22.0	21. 8	21. 6	21. 6	19. 4	18.0	15.9	8.6	5. 4	4.5	4.1	3.5	7.0	11.0
Marked Tree	St. Francis	17	7.3	7.3	7.3	7.4	7.4	7.2	7.1	6.9	6.7	6.4	6.2	6.1	6.0	6.0	5.9	5.8	5.8	5 8	5.8	5.8	5.8	6.1	6.3	6.4	6.8	7.1	7.4	8.0	8.8	9.3	9.6
Helena	Mississippi	44	22.9	22.3	21.5	20.9	21.4	23.0	24.4	25.2	25.8	26.0	26.5	27.2	28.0	28.7	29.3	29.8	30. 6	31. 4	32.0	32.7	33. 5	34. 2	34. 9	35. 5	35. 8	36. 2	36. 3	36. 4	36. 5	36. 5	36. 3
Arkansas City	do	48	27. 5	27. 3	27. 0	26. 6	26. 0	25 0	26. 7	27. 6	28. 8	29. 3	29. 7	30. 0	30. 1	31. 1	31. 8	33 5	34. 9	35. 6	36. 3	36. 8	37. 2	37. 6	38. 0	38. 2	38. 4	38. 8	39. 1	39. 4	39. 7	39. 9	40.0

Daily Precipitation for December, 1927

Stations	Drainage basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita							.65				.37	.60	.09															.51				2.22
Arkadelphia	Ouachita							1.05				.40	2.00		.28														1.13	.03			4.89
Arkansas City	Mississippi							.50				1.40	.21		.10	.57													.25	.10		.28	3.41
Arling	White							1.12				.20	.22	3.55															.92				6.01
Batesville	White	.28					T.	.54			T.	.26	.16	.05	.12														.46	.24		T.	2.11
Bee Branch	Arkansas							.80			.12	.54	.34	.22	.08													T.	1.03				3.13
Bentonville ***	Arkansas						.48	.02			.02	.02	.30	1.22		T.												.85		T.			2.91
Black Rock	White	.18						.37				.56	.20	.08	.26														.21	.54		T.	2.35
Blytheville	Mississippi											70		.14	.26													.92	.35			.42	1.87
Booneville	Arkansas						.17	.32				.01	.24	3.91																			5.57
Brinkley	White							.41				66	1.32		.46														.40	.18			3.43
Calico Rock	White	T.						.33				11	.03	1.62	1 73													T.	.56	.06			4.44
Camden	Ouachita							1.06				.67	.46		.08	.09												.02	1.15	.03			3.54
Center Point	Red						.20	.97			.14	1.19	1.02	.18	.06														1.36				5.14
Clarendon	White	.01						.40				.92	2.35		.27														.40	.28		.07	4.70
Clinton	White						1.23				.55	.79	.86	.65														1.18				5.26
Conway	Arkansas							.69			.11	.19	.45	33														.62	.03			2.42
Corning	White											89	.39		.86														.56	.06			3.36
Cotter	White						.38	T.				T.		3.65	1 70													T.	.40			.08	6.21
Dam No. 1	White										.94	.24	.09	.33															1.25				3.91
Danville	Arkansas						1.06					.20	.55	.61	.40														.80				3.46
Dardanelle	Arkansas							.90	T.			.23	.62	.88	.89														.66	.08			4.28
De Valls Bluff	White	T.						.92				58	1.19		.50														.49	.28	T.		3.55
Dumas	Mississippi							.51			.10	1.49	.14		.20	.26													1.05		.09		3.33
Dutton	White						.20	.83				21	.23	7.00														.12	1.60				10.19
El Dorado	Ouachita		T.					1.00				1.90	.68		.05	.36													1.15	.01	01	.04	5.20
England	Arkansas						T.	.69			.14	.42	2.11	.31	.12	T.														.95	.02			4.76
Eureka Springs	White							.48			.07		.25	1.93														.28	.55		.05	.03	3.64
Fayetteville	White							.32			.01	.03	.18	1.77														.37	.14				2.85
Fort Smith ***	Arkansas							.35			.02	.01	1.38	5.02														.40	.31		T.		7.69
Freeman Sprgs	Arkansas						.53	.02				.26	.07	3.81	3.40														1.37	.10			.05	10.34
Fulton	Red							.99			T.	.27	1.96		.13													T.	.80		.06		4.20
Georgetown	White							.67				.58	.62		.27														.62	.14			2.90
Gilbert	White	.09					1 33		T.					5 72	.91														.38				7.52
Gravette	Arkansas						T.	.21			T.	T.		.25	1.20													.50	.32		T.	T.	2.48
Harrison	White						.04	T.				.52	.36	3.85														.10	.35			T.	5.22
Helena	Mississippi	.02						.32				.30	1.02		.22	.06													.10	.72		.62	3 38
Higden	White						T.	.11			.10	.47	.23	.22															.95	.01			2.89
Hope	Red						.63				.15	.43	1 55	.15					T.									.10	.80				3.81
Hot Springs	Ouachita						.94				.02	.36	1.29	.41																			4.11
Huttig	Ouachita							T.				1.57		.31	.76								1.09						1.78		.06		4.48
Index	Red							1.05				.17	2.00	.02	.12														.72				4.08
Jonesboro	White							42			.10	.28	.16	.18	T.	T.													.92	.03			2.04
Lambrook	White							.35			.67	.48		.14		.03													.74	.03	.29		2.73
Lead Hill	White						T.	.44			T.		.30	3.19													T.	.37				4.30
Little Rock ***	Arkansas							.04			.02	.01	1.38	5.02														.01	1.01		T.		3.82
Lurton	White						T.	.44			T.		.06	.28	..	T.												.20	1.10		.03		9.97
Lutherville	Arkansas						.91	.04			.27	1.24																.08	1.35				10.42
Magnolia	Red						.70	.49			T.	.22	1.56	5.67															1.08				3.46
Malvern	Ouachita						.47	.88				.18	1.30	6.15															1.05	.02			4.72
Mammoth Spg	White						.10	1.02			.18	.82	23			.03													.92	T.	T.	T.	7 95
Marianna	Mississippi							1.20			.02	.41	1.79	.03	.20														.53		.06		3.32
Marked Tree	Mississippi	.07					.07	T.			.50	.50	.72	5.24	T.														.30	.42		.62	3 17
Marshall	White							.16			.10		2.15	.24	.08														.90				6.60
Mena	Ouachita							.30				.52	.24	.03	.64	.03													.68				3.53
Morrillton	Arkansas						.03	.90				.15	T	4.62															.70				2.80
Mountain Home	White							.96			T.	.15	.70	.75	.29												T.	.63				6.70
Newport	White	.13						.62				.21	.40	.60	.27														.71	.26			2.65
Osceola	Mississippi	T.					.12					T.	.10	5.85															.33	.45	.02		2.34
Ozark	Arkansas							.59				.42	.09	.06	.39														1.50				9.88
Paragould	Mississippi							.33					.40	.06	.75															.84	.12		2.17
Patterson	White							.50	T.			T.	T.	6.63	1.25														.62	.40			2.62
Piggot	Mississippi							.55				.84	.05		.32															.89	.16		3.07
Pindall	White							.43			T.	.65	.16		.24														.36				7.23
Pine Bluff	Arkansas						.08	.53				.78	.21	.57	.03													.01	.53	.40	.03	.03	5.29
Pocahontas	White							.65			T.		.01	.03	6.21														.82				2.31
Portland	Ouachita							.35			.10	.75	2.68	.01	.21														.20	.76		.37	4.21
Prescott	Ouachita							.62				.20	.22	.62															.12				5.10
Princeton	Ouachita						.94					1.25	.13		.02	.86												1.18					3.49
Rison	Ouachita											.62	2 02	.22															.87	.10			2.50
Rogers	White							.60				.25	2.27																.90				3.26
Searcy	White						T.	.35			.06	.65	.35															.26	.77		T.		2.01
Springbank	Red										.10		.34	1.48		T.													1.20				3.00
Story	Ouachita							.90				.58	.57		T.	T.							T.	T.					.95	T.		T.	2.88
Stuttgart	Arkansas							.95				.28	.95															.43	.33				4.61
Texarkana	Red						.40				.95	2.19		.31									T.					.96					3.79
Thornburg	Arkansas							1 30				.75	.60		.18													T	T.				1.18
Waldron	Arkansas						T.	T.			.15	.24	.49	.30	T													T.	.36		T.		4.10
Warren	Ouachita						.26	T.			T.	.21	1.47	1.70														.50	.45		T.		2.75
Waters	Ouahita						.50				.45	.45		T	.40													.80					3.66
Whitecliffs	Red							.60				.31	1.68	.26																1.67			5.75
Wilson	Mississippi							1.32					3.05		.31														.70			.15	2.25
Wynne	Mississippi	.05						.25				.15	.20	.20	.60														.50	.35		T	3.31
Yancopin	Arkansas	.14						.05				1.03	.72	.02	.59														.32	.44		.08	3.13
								.42				.84	.50		.07	.32																

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measurement.

Daily Temperatures for December, 1927

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	70	68	62	60	62	55	59	51	46	42	61	70	76	67	60	52	55	48	43	45	44	60	56	53	56	53	51	60	65	68	60	57.4
	Minimum	29	30	25	28	28	45	25	13	13	39	40	59	60	39	33	21	23	25	22	17	30	30	29	28	27	27	30	45	36	44	17	30.9
Batesville§§	Maximum	46	54	51	59	57	58	60	25	38	51	63	69	74	62	53	41	43	32	33	42	47	50	47	46	23	49	54	56	63	62	21	49.3
	Minimum	30	26	22	22	24	24	47	11	9	11	35	49	58	45	46	23	23	21	17	13	17	16	16	17	18	20	20	28	43	46	16	26.2
Bentonville	Maximum	46	50	55	49	48	53	52	18	38	49	55	66	65	57	48	40	35	22	30	37	43	46	48	48	46	53	46	62	62	45	13	46.6
	Minimum	21	24	29	27	24	47	8	2	11	36	38	48	45	44	21	16	21	13	10	11	22	22	19	27	34	29	36	44	41	13	0	25.3
Bee Branch	Maximum	42	55	53	60	57	54	54	28	36	36	55	66	71	60	57	40	44	41	34	44	44	51	50	49	52	52	50	52	62	63	59	50.7
	Minimum	29	29	26	29	26	39	20	10	11	27	33	52	54	45	30	18	23	19	16	18	21	21	25	23	29	25	25	42	48	41	12	27.9
Blytheville	Maximum	44	48	50	55	57	58	68	..	..	44	..	66	72	61	59	48	..	58	34	42	47	49	55	47	46	50	57	56	65	59	42	53.2
	Minimum	30	31	25	26	28	39	24	..	..	29	..	46	55	48	34	22	..	20	18	15	20	20	23	20	23	26	26	40	49	41	18	29.5
Booneville	Maximum	49	57	55	58	62	58	55	27	45	48	64	72	70	63	58	47	43	37	34	43	47	45	56	52	56	53	45	66	69	64	37	52.7
	Minimum	31	23	27	31	26	47	18	10	12	35	42	46	55	50	27	17	24	21	16	14	21	29	23	29	37	26	37	41	41	27	10	29.1
Brinkley	Maximum	45	51	53	54	59	61	62	29	41	41	60	70	76	63	60	41	48	42	34	41	44	49	..	48	51	49	57	56	67	65	61	52.6
	Minimum	31	34	25	28	25	47	24	15	11	27	40	59	59	53	37	23	26	21	22	16	21	20	..	24	30	23	22	44	52	47	20	30.9
Calico Rock§§	Maximum	46	55	52	58	58	62	59	25	40	46	63	71	70	62	45	45	42	33	32	44	48	50	46	46	51	52	52	54	60	60	27	50.1
	Minimum	28	23	23	22	23	25	49	9	10	14	39	44	59	46	43	19	20	19	13	13	18	18	18	18	20	21	22	31	31	37	15	25.5
Camden§§	Maximum	43	55	57	61	63	61	59	35	44	58	67	75	80	62	57	46	56	36	40	44	44	50	56	51	56	56	58	62	70	73	35	55.2
	Minimum	37	35	25	26	26	26	46	16	14	14	39	57	66	53	52	22	21	21	25	15	17	31	30	26	26	25	26	36	43	43	22	31.0
Center Point	Maximum	46	54	55	59	59	54	56	31	39	42	63	70	74	60	57	41	56	44	38	42	47	45	52	48	54	52	49	62	65	68	57	52.9
	Minimum	34	31	34	35	34	48	25	12	18	37	42	61	59	50	33	20	28	23	21	17	30	34	33	32	43	35	38	44	44	53	15	34.3
Conway	Maximum	46	55	52	57	59	57	56	25	37	38	59	70	76	62	57	42	45	35	36	45	46	45	49	49	53	47	54	57	65	59	48	51.0
	Minimum	32	32	27	25	28	47	22	14	12	31	37	59	69	50	35	22	28	23	20	19	23	23	26	23	32	25	27	45	46	48	18	31.2
Corning	Maximum	46	44	54	74	55	62	67	26	44	37	57	74	69	64	53	44	42	40	38	45	46	49	46	46	45	49	50	53	63	64	44	51.2
	Minimum	26	27	26	34	25	42	20	8	10	24	36	49	52	44	28	22	18	17	11	16	19	18	22	21	21	20	20	40	50	44	12	26.5
Dardanelle	Maximum	49	54	51	57	53	60	53	35	42	41	53	69	71	62	58	44	48	38	36	43	43	47	49	47	51	50	46	59	68	67	47	51.3
	Minimum	35	27	32	29	30	43	34	12	14	33	36	49	57	50	34	21	25	24	21	19	25	26	29	27	36	28	33	42	48	45	16	31.6
Dumas	Maximum	56	55	67	60	73	68	78	37	40	46	61	71	84	76	62	55	63	43	43	43	51	50	64	54	62	60	65	59	76	66	62	59.7
	Minimum	35	35	26	26	26	44	29	16	12	28	42	59	66	62	38	25	25	25	23	17	25	32	28	25	35	27	24	48	51	50	23	33.1
Dutton	Maximum	46	52	51	54	51	48	51	19	36	41	57	65	65	59	48	37	35	29	28	39	43	43	47	50	49	49	43	55	62	58	40	46.8
	Minimum	22	18	23	21	21	37	10	1	6	21	36	52	49	39	19	11	23	11	7	6	10	15	15	18	27	23	24	37	32	38	2	21.9
El Dorado	Maximum	50	53	59	59	64	61	59	35	45	50	67	75	78	65	60	48	56	37	40	40	43	48	56	51	56	55	58	61	70	72	58	55.8
	Minimum	38	37	29	31	30	45	30	18	18	35	50	62	60	56	35	24	26	29	26	20	31	35	33	27	36	30	33	50	49	53	23	35.5
England	Maximum	44	52	56	55	62	59	64	34	39	42	62	73	77	64	60	45	51	41	35	40	42	62	51	46	52	53	56	69	68	70	51	54.1
	Minimum	34	34	26	28	29	44	25	16	14	28	42	61	59	54	36	24	25	25	22	19	28	26	29	25	30	28	26	45	39	38	21	31.6
Eureka Springs	Maximum	51	54	59	53	52	55	53	20	39	48	60	66	66	57	52	40	36	28	32	40	47	48	47	50	43	54	49	61	65	58	30	48.8
	Minimum	21	25	28	28	25	43	9	1	11	32	41	50	51	42	19	14	24	11	9	12	22	24	21	25	31	30	35	40	47	29	0	25.8
Fayetteville	Maximum	46	49	54	48	46	52	50	18	40	46	58	70	64	55	50	37	31	29	28	36	42	44	47	49	48	50	44	58	62	52	30	46.3
	Minimum	21	23	26	27	22	41	11	3	11	38	44	52	48	42	19	15	24	12	9	11	21	19	19	24	32	26	32	42	42	30	3	25.5
Fort Smith	Maximum	46	55	55	55	53	59	52	24	44	43	54	67	66	57	50	45	40	29	33	39	43	46	48	49	53	52	44	65	66	53	21	45.6
	Minimum	31	29	33	33	29	47	15	10	16	38	38	38	52	49	25	22	27	19	18	20	28	29	29	31	36	32	37	43	43	21	6	29.8
Gravette	Maximum	46	50	56	60	47	51	52	17	28	44	44	65	64	57	56	53	34	28	28	39	42	44	48	49	45	52	47	61	61	59	30	47.1
	Minimum	19	31	28	29	22	40	10	2	10	24	38	41	41	42	43	17	23	10	7	9	20	19	19	27	34	25	36	39	41	29	-2	24.9
Harrison	Maximum	45	50	51	57	60	56	52	24	43	58	61	68	65	59	52	43	36	30	31	38	50	47	45	50	49	52	49	56	67	55	39	49.6
	Minimum	22	23	24	33	23	42	12	4	9	32	40	54	50	40	23	15	25	14	10	14	20	20	17	20	24	23	26	13	40	37	5	25.3
Helena	Maximum	45	47	52	52	59	62	68	29	38	48	59	78	76	66	62	40	49	40	33	37	43	48	47	45	48	47	58	57	64	62	61	52.3
	Minimum	34	37	30	33	29	43	25	16	15	31	46	58	64	52	38	25	25	25	23	19	24	22	26	26	33	27	24	45	53	45	23	32.8
Hope	Maximum	49	70	75	78	70	60	56	50	56	60	66	75	80	62	58	57	68	42	58	60	45	50	74	60	70	67	60	66	74	51	52	62.9
	Minimum	34	34	26	29	28	45	25	15	16	31	40	61	58	51	34	22	22	25	23	16	29	35	29	26	34	26	32	46	47	51	18	32.5
Hot Springs	Maximum	58	56	59	63	64	66	55	38	41	60	60	68	74	63	59	62	57	44	51	50	49	52	54	55	57	55	55	56	58	68	25	55.9
	Minimum	29	30	30	28	29	32	23	14	11	31	41	55	52	45	22	31	33	22	29	31	23	33	34	34	36	34	31	34	34	18	5	30.1
Jonesboro	Maximum	41	47	46	53	55	61	62	44	37	38	58	69	74	61	58	38	43	35	29	39	42	43	41	41	43	47	57	52	64	60	55	49.5
	Minimum	30	37	25	28	30	45	20	11	11	27	37	56	55	47	29	21	29	21	17	16	24	31	24	23	30	25	25	40	51	51	16	30.1
Lambrook	Maximum	43	50	52	55	61	62	65	29	38	57	66	73	76	62	59	61	50	35	35	40	42	46	56	52	50	51	60	58	66	63	40	53.1
	Minimum	34	36	28	23	25	31	49	18	10	15	37	56	64	52	52	21	23	25	23	16	21	20	25	22	24	21	20	27	50	48	23	30.3
Lead Hill	Maximum	41	52	52	56	58	60	54	22	42	47	62	70	65	59	53	42	38	31	31	40	47	47	44	45	40	53	48	61	65	58	40	49.1
	Minimum	23	20	21	21	21	35	14	6	7	29	40	47	53	39	23	15	21	15	8	16	18	25	15	19	20	18	23	41	31	35	5	23.2
Little Rock	Maximum	44	52	52	56	60	58	59	26	41	47	64	71	75	62	55	44	46	31	31	42	45	45	48	47	52	50	54	59	66	65	37	51.3
	Minimum	33	34	30	34	36	47	18	14	15	34	47	62	56	53	30	23	29	24	22	22	31	32	34	[illegible]	33	33	34	45	[illegible]	37	11	33.3
Lurton	Maximum	41	47	48	55	51	48	49	19	35	48	56	64	63	53	48	38	35	29	26	34	42	41	44	45	46	46	42	[illegible]	..	55	36	41.5
	Minimum	22	28	28	28	30	40	8	3	10	35	38	55	48	46	20	13	19	13	10	14	21	27	25	16	33	33	32	38	..	31	6	[illegible]
Lutherville	Maximum	46	50	51	56	52	49	46	22	40	41	55	68	66	61	53	39	43	35	31	40	43	46	47	52	50	45	41	57	63	65	43	48.3
	Minimum	29	25	28	27	28	41	16	4	12	32	34	50	51	48	28	18	25	19	15	17	23	26	28	24	34	30	32	37	42	40	11	28.2
Magnolia	Maximum	50	54	55	59	63	62	59	32	47	49	65	75	79	68	59	46	54	48	39	41	45	49	55	..	55	54	58	62	70	74	65	56.4
	Minimum	30	36	30	32	28	43	29	17	18	35	49	62	60	53	40	22	24	27	25	20	29	32	30	..	[illegible]	29	35	48	46	54	21	34.5
Malvern	Maximum	47	55	57	61	60	58	58	32	44	42	62	72	76	62	58	45	52	45	40	45	44	48	53	49	56	53	56	61	67	71	65	54.6
	Minimum	34	32	28	31	27	45	26	16	12	35	41	61	60	55	34	21	23	25	23	15	30	34	29	27	30	26	28	46	50	[illegible]	19	32.5
Mammoth Spg	Maximum	48	50	55	61	59	60	62	32	38	42	46	68	66	60	40	42	42	40	39	43	45	48	50	60	53	51	54	55	64	65	55	52.0
	Minimum	30	30	32	32	33	44	24	14	17	32	34	41	56	48	35	26	30	26	20	24	29	30	32	30	[illegible]	[illegible]	32	47	52	48	22	32.6
Marianna	Maximum	45	48	53	59	60	63	67	28	38	45	68	69	77	63	63	42	49	39	39	43	42	48	45	44	58	58	59	57	67	62	67	53.7
	Minimum	33	36	28	31	30	45	25	16	14	29	45	44	60	54	38	25	27	19	18	23	24	23	27	25	26	25	25	47	54	[illegible]	[illegible]	31.9
Marked Tree§§	Maximum	46	49	50	51	58	58	26	34	50	64	70	70	66	58	32	35	26	27	31	28	45	44	28	47	42	50	54	54	50	26	28	45.1
	Minimum	31	26	26	26	27	43	13	10	11	23	49	63	48	49	13	15	12	18	14	16	16	20	21	21	20	21	22	42	46	19	4	[illegible]
Marshall	Maximum	42	49	52	55	57	55	55	21	37	40	60	70	68	58	55	41	[illegible]	32	29	37	44	43	43	46	47	51	50	55	59	[illegible]	49	[illegible]
	Minimum	26	22	25	23	24	42	18	7	12	32	37	57	53	44	25	12	28	16	14	13	21	21	18	22	26	24	35	43	29	47	8	[illegible]
Mena	Maximum	46	51	55	58	56	52	53	27	41	40	61	67	68	60	52	42	44	33	32	39	42	44	49	46	52	51	50	60	63	63	37	49.5
	Minimum	32	26	27	32	29	43	17	10	12	35	39	59	60	48	26	18	21	20	18	14	27	33	25	27	29	28	34	45	38	37	9	29.6
Morrillton§§	Maximum	46	55	52	57	58	58	56	25	42	43	61	70	73	62	50	44	47	31	36	45	42	45	48	48	53	50	52	57	66	66	24	50.4
	Minimum	33	32	29	28	32	34	47	14	13	17	36	41	54	50	47	23	24	25	22	20	24	25	29	26	26	26	27	35	45	46	19	30.6
Mountain Home	Maximum	47	54	54	58	60	60	55	23	40	44	56	70	67	60	53	43	39	32	33	44	48	48	46	48	46	58	49	53	62	51	40	49.5
	Minimum	25	21	22	24	23	38	15	5	8	28	38	51	52	41	24	15	21	15	12	13	19	19	21	21	22	23	25	38	43	37	5	21.6
Mount Ida	Maximum	45	56	57	62	63	54	55	30	42	40	61	69	69	61	56	40	49	39	38	41	43	44	51	48	54	51	50	62	65	69	51	52.1
	Minimum	32	24	21	21	22	44	22	11	6	37	39	58	57	49	30	14	18	21	17	9	25	33	24	22	26	21	26	44	32	47	13	27.9
Newport	Maximum	40	53	54	69	60	65	62	33	30	38	59	69	78	62	62	43	48	42	36	45	48	50	47	45	50	50	50	54	65	65	58	52.6
	Minimum	31	31	25	27	28	44	32	12	12	29	36	59	55	57	31	22	32	22	19	20	23	21	25	24	27	25	26	42	54	50	16	30.9
Osceola	Maximum	75	69	45	54	59	56	62	65	60	38	52	52	69	64	74	66	62	50	48	42	38	40	52	30	60	57	53	55	69	63	55	55.9
	Minimum	66	33	32	28	25	26	36	50	14	13	22	34	39	50	61	44	23	27	21	24	20	16	20	22	20	26	15	20	26	39	15	29.3
Ozark§§	Maximum	51	54	57	48	50	55	31	22	40	56	57	65	67	[illegible]	37	43	45	32	38	42	45	46	50	51	52	52	54	61	65	61	23	48.7
	Minimum	30	25	30	29	29	29	30	10	14	20	24	45	51	49	34	19	25	21	15	15	22	23	24	24	27	30	30	38	37	37	12	27.4
Pine Bluff	Maximum	45	59	62	64	62	61	60	36	47	48	63	75	78	65	69	50	60	42	39	42	41	50	55	51	59	55	59	60	72	71	58	56.7
	Minimum	35	36	30	32	30	44	27	16	14	29	35	61	61	54	36	24	27	26	24	19	30	33	30	28	32	29	27	46	53	51	22	33.6
Pocahontas	Maximum	45	52	53	60	55	60	62	26	38	36	51	67	73	58	57	41	43	37	32	47	47	51	43	43	52	52	51	49	62	57	57	50.2
	Minimum	29	27	25	29	25	40	23	10	9	28	33	49	56	45	28	20	25	19	13	23	24	19	25	22	25	23	22	40	48	46	15	27.9
Portland	Maximum	58	50	56	56	65	67	68	40	47	50	65	77	80	75	65	48	55	45	35	39	44	48	34	54	55	54	65	60	71	65	63	56.6
	Minimum	38	38	29	30	26	36	39	17	14	30	48	59	56	55	47	25	22	30	26	19	26	35	26	27	35	28	27	49	58	49	27	34.4
Prescott	Maximum	60	42	58	61	66	63	60	34	39	48	62	74	76	70	61	45	44	46	42	40	42	48	54	48	47	48	58	59	63	74	68	54.8
	Minimum	36	34	28	30	31	40	32	14	13	29	40	58	64	51	52	21	23	24	22	18	28	30	32	29	26	27	30	39	41	52	19	32.7
Rogers	Maximum	47	53	58	51	51	54	52	20	38	48	58	66	66	57	52	37	37	29	29	38	45	46	46	49	48	54	48	61	65	59	31	48.2
	Minimum	21	21	24	27	23	40	10	3	9	34	41	44	51	42	19	15	25	12	9	9	21	18	18	24	29	25	32	40	33	31	1	24.2
Searcy	Maximum	45	57	52	55	56	58	60	27	37	39	58	68	76	62	59	39	48	45	33	43	46	50	48	47	52	50	45	54	65	64	60	51.5
	Minimum	32	32	26	30	36	42	25	13	12	26	36	55	55	48	32	20	22	20	30	16	24	26	27	25	28	24	24	43	51	43	17	30.3
Stuttgart	Maximum	51	50	50	55	60	60	60	49	41	43	60	72	76	64	61	43	50	44	40	36	46	48	45	51	48	43	58	59	67	66	62	53.5
	Minimum	33	33	27	26	27	44	49	15	14	27	40	52	63	52	38	23	27	24	22	18	24	28	24	31	25	25	25	53	51	49	8	32.2
Texarkana	Maximum	51	51	64	64	63	64	50	36	44	55	62	74	80	66	55	50	58	42	46	46	40	49	58	51	61	53	70	73	71	71	52	56.8
	Minimum	35	32	27	30	27	45	22	14	15	36	50	52	55	49	32	19	21	25	23	16	30	32	27	28	32	37	41	42	52	42	16	32.4
Thornburg	Maximum	45	53	54	58	63	58	54	25	41	42	63	67	72	62	55	44	45	37	34	42	47	43	50	50	53	52	51	58	61	57	44	51.0
	Minimum	27	23	20	18	25	45	17	10	5	34	40	60	55	46	29	18	20	20	17	10	21	20	23	11	26	20	22	44	43	40	13	26.5
Warren	Maximum	52	55	57	55	60	62	60	34	43	50	64	74	78	76	61	43	51	49	35	39	43	48	53	49	53	55	59	62	69	68	66	55.6
	Minimum	30	28	29	29	42	46	13	17	34	40	45	55	55	56	26	27	28	25	20	30	36	36	29	35	32	30	46	52	52	25	11	34.2
Wilson	Maximum	41	46	46	50	51	57	62	35	36	43	65	69	74	72	56	42	43	36	40	45	43	46	44	45	46	48	55	60	62	57	55	50.8
	Minimum	30	32	25	26	26	41	35	13	10	29	40	44	61	46	38	22	22	18	12	19	16	17	19	20	22	21	20	41	50	47	19	28.4
Wynne	Maximum	43	50	51	50	58	57	62	28	37	41	58	67	74	66	59	40	46	33	33	41	46	49	46	45	49	49	57	55	65	62	57	50.8
	Minimum	32	34	29	30	26	45	24	14	12	28	40	58	58	51	34	23	25	21	21	16	20	19	23	24	27	24	33	43	53	48	19	30.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXII LITTLE ROCK, ARK., YEAR, 1927 No. 13

GENERAL SUMMARY

The outstanding features of the weather in Arkansas during 1927 were the high monthly mean temperatures during the first five months of the year, a cool summer, warm autumn, excessively heavy precipitation, and a flood which because of its magnitude, duration, and destructiveness has not before been equaled in Arkansas' history.

The mean temperature for the year was 63.1° which is 1.9° above normal, all stations for which normals have been computed showing positive departures. Monthly means were below normal in June, July, August and December, above in other months, the February mean, 52.1°, being the highest for February of the past 37 years. All other means were within the limits of previous records. Annual means ranged from 67.4° at Portland to 56.8° at Dutton, a difference of 10 6° between the northwestern and southeastern sections of the State. Annual extremes ranged from 105° at Texarkana on August 1st and Pine Bluff September 17th, to 2° below zero at Gravette December 31st. The maximum temperatures of April and November established new records for Arkansas and the minima of August and September were near the records.

A survey of the precipitation record in Arkansas during 1927 shows that, with the exception of February when the deficiency was 0.73 inch and September when it was 0.06 inch, every month's precipitation total was above normal, April with an average of 12.93 inches, being the wettest month of the year and also the wettest month in Arkansas' Climatological History. Annual totals ranged from 91.72 inches at Marshall to 31.93 inches at Amity, Amity and Portland being the only stations in the State with negative departures for the year. Monthly totals exceeding ten inches occurred locally eight months of the year and 23.80 inches at Story in April is the greatest monthly precipitation on record in Arkansas. The greatest 24 hour amount, 11.40 inches at Story on April 21st, has been exceeded once, 12.00 inches at Arkadelphia, June 28, 1905. The April rains caused an unprecedented flood in all streams of the State, details being given in the "Weather by Months". The precipitation from April 1st to October 31st, which is approximately the growing season in Arkansas, was 42.73 inches which is 14.90 inches above normal. The temperature for the same period averaged 0.7° above normal.

The last killing frost in spring occurred at most southern stations about March 22d and at northern stations about April 22d. The first killing frost in fall occurred about November 6th to 17th, though a few southern stations escaped until December 3rd. For the State as a whole the average dates were March 25th and November 15th, giving a growing season of 235 days. Sunshine for the year averaged about 63% of the possible amount which is considerably below normal. There were 161 clear days, 85 partly cloudy, and 119 cloudy, the number of clear and partly cloudy being about ten each below normal and the cloudy twenty above. There was an average of 99 days with 0.01 inch or more precipitation. W.C.H.

January:—The month was marked by almost continuous sunshine from the 1st to the 12th and almost continuous rain after the 17th. The continuous rains the latter part of the month caused flood stages on the small streams of the State, the Little Red at Dam. No. 1 being near a record high stage. Property damage from the excessive rains was estimated at $200,000. During the first half of the month outdoor work was carried on, but during the latter half everything was at a stand still and in the lowlands all efforts were toward moving people and livestock to places of safety and the re-enforcing of levees.

February:—The weather was unusually warm during February, the monthly mean, 52.1° being the highest on record. The heavy rains of January caused flood stages in all streams and in the lower reaches of the rivers the flood continued from one to two weeks longer. The high water prevented any preparation for crop planting in the lowlands of the eastern counties and the rainfall, fairly evenly distributed throughout the month, kept the soil too wet in most other sections. Fruit was blooming in central and southern sections of the State by the close of the month.

March:—Positive temperature and precipitation departures marked the weather of March. Frequent showers kept the soil too wet for farm work and the close of the month found far less than the usual amount of land prepared for planting. The flooded condition of the eastern lowlands which prevailed during January and February was only partially relieved in March.

April:—High temperatures and excessively heavy rainfall were the outstanding characteristics of the weather during April. The average precipitation for 84 stations was 12.93 inches, monthly totals exceeding 20.00 inches being recorded at numerous stations. The continued rains delayed the planting of crops and excessive rains in Arkansas and nearby portions of Missouri, Oklahoma, and Kansas, caused floods in all streams, most of them reaching record high stages. Many levees broke or were submerged and approximately 6,880 square miles were inundated. All crops and preparation for planting were destroyed, more than 100 persons were drowned, and property valued at over $7,000,000 destroyed.

May:—Warm, rainy weather continued during May. Showers were of almost daily occurrences, rain being recorded in the State every day except the 11th, and on the 22nd heavy to excessive amounts were recorded in most sections. The flooded condition of the eastern lowland improved, but much of the river bottoms was not planted at the close of the month.

June:—Heavy rains kept all streams of the State at moderately high stages throughout the month with flood stages at numerous points practically the entire month. The weather was favorable for the growth of cotton, but cultivation was delayed by frequent showers. Blooms were reported in southern counties at the close of the month, boll weevil in a few localities.

July:—Temperature was slightly below normal and precipitation slightly above. But little rain fell during the first two weeks of the month and farmers were able to clean cotton fields. Showers were frequent during the latter half and cotton made too rank a growth in some localities. No serious damage from weevil or worms occurred. Corn made good progress, especially in the hills, early corn being matured.

August:—The outstanding characteristics of the weather during August were the positive precipitation and negative temperature departures. Lower mean temperatures have been recorded twice in August and heavier rainfall three times since State wide records have been kept. The weather was too cool for cotton and the rainfall too heavy, causing rank growth, but the rains were favorable for hill corn and hay crops. Flood stages occurred at points on the Black, White, Petit Jean, and Arkansas rivers, water running through the breaks in the levees along the lower rivers, flooded 60,000 acres of land doing serious damage to crops in these areas.

September:—The month was warm and generally favorable for picking and ginning cotton, cutting hay, harvesting rice, and gathering corn, but too dry for late crops. Most of the apple crop was gathered during the month, the yield being small.

October—Warm weather continued through most of October, the monthly mean temperature, 66.0°, having been exceeded but twice during the past 38 years and the extreme, 100° on the 26th, has never before been equaled so late in the month. The warm weather was favorable for late cotton. Except for the fact that the latter part of the month was too dry for the germination of fall grains, the weather as a whole was favorable for all farm activities.

November:—Positive temperature departures marked the weather of November, 96° at Dumas on the 1st being the highest November temperature on record in Arkansas. Precipitation was practically normal. Locally heavy rains caused flood stages at a few points on the Black River, but flood loss was slight. The weather was mostly favorable for the usual late fall activities.

December:—The month was marked by temperature extremes and locally heavy rainfall. A cold wave on the 8th brought severely cold weather in the northern sections of the State, but temperatures soon returned to 20° above normal. On the 19th another cold wave brought near zero temperatures at northern stations and on the 31st a severe cold wave began overspreading the State, 2° below being recorded in Benton County. Precipitation for the month was practically normal, but locally heavy rains on the 13th and 14th caused flood stages on the White, Black, Little Red, and Petit Jean rivers. A break in the levee on White River near Des Arc inundated several thousand acres, but loss was not large.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1927

Month	Temperature, in degrees Fahrenheit				Precipitation, in inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Amt. Snow	Greatest local amount	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January...	42.6	+ 1.5	79	− 1	5.41	+1.31	1.6	10.72	10	14	3	14	n.
February..	52.1	+ 9.3	90	9	2.62	−0.73	3.8	7.02	8	10	7	11	nw.
March.....	53.5	+ 0.8	87	5	7.24	+2.50	2.4	15.70	12	12	7	12	s.
April.....	65.7	+ 4.3	99	26	12.93	+8.05	0.0	23.80*	12	12	7	11	s.
May.....	71.7	+ 2.7	97	32	6.54	+1.52	0.0	14.03	9	12	9	10	s.
June.....	76.3	− 0.8	104	43	6.50	+2.48	0.0	14.57	9	13	8	9	s.
July.....	79.6	− 0.4	104	49	4.25	+0.43	0.0	8.63	6	17	9	5	sw.
August....	76.6	− 3.1	105	43	5.01	+2.32	0.0	12.74	10	12	10	9	s.
September.	75.9	+ 1.7	105	32	3.37	−0.06	0.0	11.96	6	16	8	6	s.
October...	66.0	+ 3.8	100	30	3.13	+0.16	0.0	8.25	5	22	4	5	s.
November.	56.7	+ 5.1	96	20	3.67	+0 02	1.1	8.18	6	7	8	15	s.
December..	40.9	− 1.6	84	− 2	4.18	+0.13	2.2	10.42	6	14	5	12	n.
Annual....	63.1	+ 1.9	105	− 2	65.85	+18.13	11.1	23.80	99	161	85	119	s.

* Story

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Snowfall inches	Clear	Partly cloudy	Cloudy	Precip.01 or more	
Means and Extremes	**61 2**		**116**	**−29**	**47.72**			**170**	**95**	**100**	**84**	
1891.....	60.5	−0.7	108	6	44.49	− 3.23	....	180	94	91	94	s.
1892.....	60.0	−1.2	106	−14	57.75	+10.03	....	159	98	109	98	s.
1893.....	60.7	−0.5	103	−13	47.91	+ 0.19	....	185	95	85	75	s.
1894.....	61.3	+0.1	108	−22	49.05	+ 1.33	....	176	97	92	75	s.
1895.....	59.8	−1.4	105	−17	44.69	− 3.03	....	167	92	106	83	s.
1896.....	63.0	+1.8	112	4	38.02	− 9.70	5.2	171	97	98	79	s.
1897.....	62.4	+1.2	111	− 2	46.52	− 1.20	5.4	178	96	91	76	s.
1898.....	61.4	+0.2	108	− 4	56.83	+ 9.11	3.4	159	105	102	89	s.
1899.....	60.6	−0.6	112	−25	41.49	− 6.23	7.0	170	105	90	76	s.
1900.....	62.0	+0.8	108	− 5	49.03	+ 1.31	2.2	150	120	95	92	s.
1901.....	61.1	−0.1	116	− 6	35.28	−12.44	3.3	175	111	79	65	s.
1902.....	60.4	−0.8	108	− 2	51.70	+ 3.98	9.3	150	121	94	81	sw.
1903.....	59.3	−1.9	105	−12	44.62	− 3.10	7.7	162	107	96	84	sw.
1904.....	60.5	−0.7	105	− 5	43.45	− 4.27	3.5	169	112	85	78	s.
1905.....	59.5	−1.7	106	−29	63.65	+15.93	15.5	146	107	112	103	sw.
1906.....	60.2	−1.0	101	− 7	56.97	+ 9.25	5.2	156	96	113	95	sw.
1907.....	61.7	+0.5	113	− 8	49.71	+ 1.99	2.5	163	91	111	86	s.
1908.....	62.1	+0.9	103	0	48.88	+ 1.16	5.4	158	100	108	92	sw.
1909.....	62.1	+0.9	111	−19	44.05	− 3.67	6.8	173	93	96	83	s.
1910.....	61.0	−0.2	105	−13	45.21	− 2.51	10.8	172	109	84	84	sw.
1911.....	62.9	+1.7	107	− 9	49.53	+ 1.81	3.0	152	117	96	95	sw.
1912.....	59.8	−1.4	106	−16	45.83	− 1.89	11.3	171	110	85	81	sw.
1913.....	61.6	+0.4	108	− 1	54.01	+ 6.29	7.1	158	107	100	89	s.
1914.....	61.4	+0.2	110	−11	42.85	− 4.87	16.2	149	109	107	82	s.
1915.....	60.6	−0.6	107	− 3	53.08	+ 5.36	4.7	163	81	121	82	sw.
1916.....	61.9	+0.7	107	−16	42.18	− 5.54	6.2	191	76	99	75	s.
1917.....	59.2	−2.0	106	−21	40.72	− 7.00	12.1	187	74	104	75	s.
1918.....	61.4	+0.2	115	−23	44.64	− 3.08	18.1	174	76	115	75	s.
1919.....	61.6	+0.4	113	−10	54.52	+ 6.80	3.4	166	75	124	91	s.
1920.....	60.7	−0.5	105	− 2	54.28	+ 6.56	4.2	174	74	118	90	s.
1921.....	64.2	−3.0	107	− 3	47.46	− 0.26	15.3	178	85	102	83	s.
1922.....	62.7	+1.5	111	7	46.50	− 1.22	5.2	170	83	112	87	s.
1923.....	61.6	+0.4	109	2	59.85	+12.13	9.0	160	82	123	102	s.
1924.....	60.1	−1.1	110	− 8	37.03	− 10.69	14.3	193	68	105	74	n-s.
1925.....	63.0	+1.8	113	− 6	42.19	− 5.53	5.4	184	81	100	74	s.
1926.....	61.3	+0.1	110	−17	49.24	+ 1.63	12.5	175	79	111	88	s.
1927.....	63.1	+1.9	105	− 2	65.85	+18.13	11.1	161	85	119	99	s.

KILLING FROSTS, 1927

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity.....	*Mar. 22	Nov. 17	240	Junction.....	Mar. 22	†Dec. 3	256
Arkadelphia...	Mar. 4	Nov. 12	253	Lambrook.....	.....	Oct. 19	.....
Arkansas City.	Mar. 22	Nov. 18	241	LITTLE ROCK ...	Mar. 22	Nov. 17	240
Arlberg.....	Apr. 22	Nov. 17	209	Lurton	Apr. 22	Nov. 6	198
Batesville.....	Apr. 22	Nov. 13	205	Lutherville.....	Apr. 22	Nov. 12	204
Bee Branch....	Apr. 22	Nov. 12	204	Magnolia	*Mar. 3	Nov 18	260
Bentonville....	Apr. 22	Nov. 6	198	Malvern	Mar. 4	Nov 17	258
Black Rock....	Apr. 22	Nov 3	195	MammothSpring	Apr. 22	Nov. 3	195
Blytheville	*Mar. 4	†Nov. 6	247	Marianna	Mar. 3	Nov. 3	245
Booneville.....	Mar. 22	Nov. 17	240	Marked Tree .	Mar. 4	Nov. 18	259
Brinkley.....	Mar. 4	Nov. 18	259	Marshall..... .	Apr. 22	Nov. 3	195
Calico Rock...	*Apr. 22	Nov. 6	198	Mena	Mar. 22	Nov. 17	240
Camden	Mar. 23	†Nov. 18	240	Morrillton.....	*Mar. 22	Nov. 17	240
Centerpoint....	Mar. 22	Nov. 17	240	Mountain Home	Apr. 22	Nov. 3	195
Clarendon.....	Mar. 22	Nov. 17	240	Mount Ida.....	Apr. 22	†Nov. 12	204
Clinton.....	Apr. 22	Nov. 7	199	Newport.....	*Mar. 22	Nov. 6	229
Cold Springs ..	Apr. 22	Nov. 17	209	Oden.....	Apr. 23	Nov. 13	204
Conway.....	*Mar. 22	Nov. 17	240	Osceola	Mar. 4	Nov. 7	248
Corning	Apr. 22	Nov. 6	198	Ozark	Apr. 22	Nov. 17	209
Dam No. 1	Apr. 27	Nov. 17	204	Paragould.....	.....	Nov. 7	.....
Danville	Apr. 22	Nov. 17	209	Patterson.....	Mar. 4	Nov. 17	258
Dardanelle.....	Apr. 22	Nov. 17	209	Piggott.....	Apr. 22	Nov. 6	198
Dumas	*Mar. 22	†Nov. 18	241	Pindall.....	Apr. 22	Nov. 3	195
Dutton.....	*May. 16	†Oct. 30	167	Pine Bluff.....	*Mar. 22	Nov. 18	241
Eagleton.....	Mar. 22	.....	.....	Pocahontas....	Apr. 22	Nov. 18	210
El Dorado.....	Mar. 3	†Dec. 3	275	Portland.....	Mar. 22	†Dec. 3	256
England.....	*Mar. 22	Nov. 18	241	Prescott.....	*Mar. 22	†Nov. 17	240
Eureka Springs	Apr. 22	Nov. 12	204	Princeton	Mar. 22	Dec. 3	256
Fayetteville...	Apr. 22	Nov. 6	198	Rison.	*Mar. 22	†Nov. 3	226
Fort Smith. .	Mar. 22	Nov. 16	239	Rogers	Apr. 22	Nov. 17	209
Freeman Spr.	Apr. 22	Nov. 6	198	Searcy.....	*Mar. 22	Nov. 18	241
Fulton.....	Mar. 22	Nov. 18	241	Springbank	Mar. 22	Nov. 17	240
Georgetown. ..	Mar. 22	Nov. 17	240	Story	Apr. 22	Nov. 13	205
Gilbert..... . .	Apr. 22	Nov. 3	195	Stuttgart.....	Mar. 22	Nov. 17	240
Gravette.....	Apr. 22	†Nov. 6	198	Subiaco	Mar. 22	Nov. 17	240
Harrison.....	Apr. 22	Nov. 12	204	Texarkana.....	*Mar. 22	†Nov. 17	240
Helena.....	*Mar. 22	†Nov. 18	241	Thornburg .. .	Apr. 23	Nov. 17	208
Higden.....	Apr. 22	Nov. 17	209	Waldron	Mar. 22	Nov. 17	240
Hope	*Mar. 22	†Nov. 17	240	Warren.....	Mar. 22	†Nov. 16	239
Hot Springs...	Apr. 22	†Nov. 17	209	Waters.....	Apr. 22	Nov. 3	195
Huttig.....	Mar. 4	†Dec. 3	274	Whitecliffs	Mar. 22	Nov. 17	240
Index..... . .	Mar. 22	Nov. 17	240	Wilson..... . .	Mar. 4	Nov. 18	259
Jessieville.....	Apr. 22	Nov. 17	209	Wynne	*Mar. 22	Nov. 3	226
Jonesboro.....	*Apr. 22	Nov. 6	198	Yancopin	Mar. 22	Nov. 17	240

*No killing frost recorded; last freezing temperature in spring.
†No killing frost recorded; first freezing temperature in autumn.

Climatological Data for Year, 1927

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall, melted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Amity	Clark	700	28	65.6	104	June 25†	13	Dec. 8†	32	31.93	5.94	Apr.	0.86	Sept.	0.0	71	104	167	94	s.
Arkadelphia	Clark	250							31	61.28	11.87	Apr.	1.88	Feb.	0.0	105	207	60	98	s.
Arkansas City	Desha	145							43	55.31	11.69	Mar.	1.68	May	0.9	83	205[a]	37[a]	122[a]	.....
Arlberg	Stone	700							5	81.88	14.63	Apr.	2.11	Dec.	5.5	129	183	31	151	se.
Batesville	Independence	277	21	60.0	98	July 11†	6	Jan. 15†	28	72.74	12.75	Apr.	2.08	Feb.	6.1	91	157	102	136	s.
Bee Branch	Van Buren	700	34	61.8	98	Sept. 10†	7	Jan. 15	35	69.80	11.86	Apr.	1.30	Feb.	1.5	104	118	111	136	s.
Bentonville	Benton	1303	22	58.6	94	July 10	0	Dec. 31	22	62.25	9.50	Apr.	1.72	Feb.	12.8	127	172	93	100	s.
Black Rock	Lawrence	259							35	68.21	12.28	Apr.	2.01	Feb.	3.0	111	191	17	157	s.
Blytheville	Mississippi	252	2	62.8	102	Sept. 16	4	Jan. 15	2	72.51	13.62	Apr.	1.78	Feb.	2.8	111	195[a]	85	99	s.
Booneville	Logan	465	13	63.4	101	July 7	9	Jan. 15	13	72.18	15.30	Apr.	0.65	Sept.	1.2	93	181	109[a]	99[a]	ne.
Brinkley	Monroe	205	40	65.6	99	July 11†	9	Jan. 15	40	57.34	12.62	Apr.	1.32	July	0.0	97	156[a]	109[a]	96	s.
Calico Rock	Izard	361	13	60.6	101	July 10†	7	Jan. 15†	23	67.65	12.16	Apr.	1.77	Feb.	5.5	117	121	138	152	sw.
Camden	Ouachita	158	36	64.5	100	Sept. 17	14	Dec. 9†	12	52.69	8.51	Apr.	1.58	Oct.	0.0	109	131	82	152	s.
Center Point	Howard	470	24	65.8	101	Aug. 16	12	Jan. 15†	28	51.43	8.68	Apr.	1.36	July	T.	115	136	92	177	s.
Clarendon	Monroe	200							23	72.49	11.98	Mar.	2.33	July	T	121	132	62	171	n.
Clinton	Van Buren	516							6	78.55	12.27	Aug.	1.38	Feb.	2.3	99	75[a]	176[a]	111[a]	w.
Cold Springs	Scott	1250	1						1	60.50	15.50	Apr.	1.24	Nov.	2.5	.....	124	153	108	sw.
Conway	Faulkner	309	29	63.5	99	July 27	10	Dec. 15	44	59.18	13.74	Apr.	1.13	July	1.0	103	201	89	75	s.
Corning	Clay	293	27	61.8	101	Sept. 17	4	Jan. 15	34	69.60	13.57	Apr.	2.77	Sept.	5.6	88	203	68	94	sw.
Dam No. 1‡‡	White	190							1	58.99	12.97	Apr.	2.23	Oct.	T.	98	208	25	132	sw.
Danville	Yell	327	15	63.9	101	July 7	12	Jan. 15†	11	73.13	22.51	Apr.	6.93	Nov.	1.0	74	133	128	104	w.
Dardanelle	Yell	330	15	66.2	102	Aug. 14	12	Dec. 9	11	58.92	12.65	Apr.	1.66	Sept.	T.	110	160	155	50	sc.
Damas	Desha	162	13	66.8	94	July 7	1	Jan. 15	21	73.22	14.04	Mar.	2.03	Oct.	0.0	106	90	155	115	s.
Dutton	Madison	1590	14	56.8	94	July 16	8	Dec. 8†	24	90.82	16.68	Apr.	1.97	Feb.	8.5	103	161[a]	107[a]	93[a]	s.
El Dorado	Union	270	23	67.2	101	Aug. 17†	11	Jan. 15	26	52.61	14.26	Apr.	1.74	Sept.	0.0	104	100	140	135	sw.
England	Lonoke	229	14	64.4	99	July 7†	3	Dec. 8†	20	64.85	12.29	Apr.	2.20	July	T.	114	153[b]	91[b]	109[b]	s.
Eureka Springs	Carrroll	1465	26	60.4	98	Sept. 15	0	Dec. 31	27	64.69	10.93	Apr.	1.91	Feb.	10.5	118	134	120	102	sw.
Fayetteville	Washington	1451	36	59.7	95	July 7	6	Dec. 31	40	66.65	12.94	Apr.	2.14	Feb.	8.1	109	180	106	79	s.
Fort Smith	Sebastian	457	46	62.8	99	July 7			40	57.07	9.67	Apr.	2.15	Feb.	1.8	106	135	104	126	e.
Freeman Springs	Pope	2240							3	82.60	17.85	Apr.	3.14	Feb.	6.4	120	187	82	96	sw.
Fulton	Hempstead	260							41	58.87	12.77	Apr.	1.81	Oct.	0.0	83	158	58	139	.....
Georgetown	White	220							15	61.65	9.83	Apr.	1.61	Sept.	0.0	93	168	26	171	s.
Gilbert	Searcy	675							4	71.51	11.62	Apr.	1.51	Feb.	6.0	111	151	152	82	.....
Gravette	Benton	1250	29	59.2	96	July 10	2	Dec. 31	30	61.03	8.51	Aug.	1.18	Feb.	10.9	106	177	109	79	sw.
Harrison	Boone	1052	26				2	Jan. 15	26											
Helena	Phillips	193	33	64.9	101	July 11†	12	Jan. 15	53	60.10	13.35	Mar.	1.85	Oct.	0.0	129	113	16	176	s.
Higden	Cleburne	445							8	85.09	14.03	May	1.76	Feb.	3.5	113	144	108	118	w.
Hope	Hempstead	377	21	66.7	100	Aug. 14	15	Jan. 15†	55	57.95	12.20	Apr.	1.64	Oct.	T.	78	210	41	114	s. s.
Hot Springs	Garland	600	30	....	102	Aug. 6	5	Dec. 31	36											
Huttig	Union	175	20				14	Dec. 9	20											
Index	Little River	275							2	45.54	9.31	Apr.	1.17	Aug.	0.0	94	155	38	172	.....
Jessieville	Clar ond	750	33						1	83.45	21.90	Apr.	2.40	July	1.0	88	183	77	105	s.
Jonesboro	Craighead	345	31	62.0	98	July 11	5	Jan. 15	32	63.75	15.08	Apr.	1.51	Feb.	1.6	115	254	36	75	se.
LITTLE ROCK	Pulaski	357	48	63.6	97	Sept. 17	11	Jan. 15†	48	66.40	14.81	Apr.	1.09	July	T.	120	142	90	133	s.
Lerton	Newton	2100	1	57.6	91	July 7†	0	Jan. 15†	2	90.17	17.25	Apr.	2.05	Feb.	5.4	138	191[b]	82[b]	90[b]	s.
Lutherville ††	Johnson	775	29		99	Sept. 17	16	Jan. 15	28						2.0					
Magnolia	Columbia	315	8	69.6	100	July 17†	12	Jan. 15†	8	47.30	8.15	Apr.	0.58	July	0.0	77	123[a]	120[a]	194[a]	n.
Malvern	Hot Springs	277	39	64.7	100	July 25†	4	Jan. 15	40	70.45	14.61	Apr.	1.45	Feb.	0.0	119	191	83	147	s.
Mammoth Spring	Fulton	600	22	60.4	96	June 25†	10	Jan. 15	22	69.05	12.56	Apr.	2.04	Oct.	6.3	109	153	65	147	s.
Marianna	Lee	235	15	64.3	99	June 10	10	Jan. 15	15	61.34	11.11	Mar.	1.67	July	0.0	107	202	109	54	s.
Marked Tree	Poinsett	229	11	59.9	98	July 10	4	Dec. 31	22	67.88	13.73	Apr.	1.73	Sept.	0.3	121	159	132	74	n.
Marshall	Searcy	1070	12	60.6	97	July 10	4	Jan. 15	13	91.72	21.63	Apr.	1.94	Feb.	11.0	106	144	103	118	s.
Mena	Polk	1185	35	62.5	99	July 10	9	Jan. 15†	33	62.21	15.58	Apr.	1.69	Feb.	T.	105	149	109	107	sw.
Morrilton	Conway	347	6	63.7	101	Sept. 18	11	Jan. 15	5	58.86	11.78	Apr.	0.75	Sept.	T.	76	145	112	108	sw.
Mountain Home	Baxter	800	11	60.6	99	July 10	4	Jan. 15	13	71.51	16.87	Apr.	1.22	Nov.	4.0	84	124[a]	49[a]	166[a]	w.
Mount Ida	Montgomery	650	13	62.6	100	Aug. 16†	6	Dec. 9	28	72.15	19.15	Apr.	2.06	Sept.	T.	85	170	74	121	sw.
Newport	Jackson	241	39	63.6	102	July 7	8	Jan. 15	43	59.58	10.78	Apr.	1.89	Feb.	T.	112	161	109	95	n.
Oden	Montgomery	800							1	68.61	15.52	Apr.	2.10	Feb.	0.2	111	161	86	118	sw.
Osceola	Mississippi	240	24	62.7	103	Sept. 18	6	Jan. 15	29	71.71	13.34	May	2.29	Feb.	0.6	105	166[a]	66[a]	128[a]	s.
Ozark	Franklin	396	31	62.3	100	July 7	9	Jan. 15	51	.....	.....	.....	.....	.....	4.0	.....	176¶	38¶	125¶	sw.
Patterson	Woodruff	196							11	63.62	14.10	Apr.	1.11	Sept.	0.0	92	191	51	123	s.
Pindall	Searcy	1500							5	76.98	13.63	Apr.	2.01	Feb.	7.6	107	171	78	116	sw.
Pine Bluff	Jefferson	215	39	66.6	105	Sept. 17	12	Jan. 15	40	61.70	10.12	Apr.	1.23	Oct.	0.0	112	171	68	126	nw.
Pocahontas	Randolph	309	33	61.8	101	Sept. 17	4	Jan. 15	34	72.90	11.41	Apr.	2.31	Dec.	3.0	103	140	83	142	n.
Portland	Ashley	125	21	67.4	101	July 18†	14	Dec. 9	21	50.01	10.08	Mar.	0.82	Oct.	0.0	76	94	166	105	sw.
Prescott	Nevada	329	38	65.9	101	Aug. 16	13	Dec. 9	39	58.23	10.08	Apr.	1.70	Oct.	0.0	94	166	41	158	n.
Princeton	Dallas	287							21	61.57	12.12	Apr.	1.24	July	0.0	70	193	26	146	.....
Rison	Cleveland	243	20	.....	101	Aug. 8			26	52.85	10.73	Apr.	1.02	Oct.	0.0	72	126[b]	104[b]	133[b]	sw.
Rogers	Benton	1385	34	59.4	96	July 10	1	Jan. 13†	36	53.87	9.98	Apr.	1.85	Feb.	17.2	104	139	108	118	s.
Searcy	White	236	12	62.8	99	July 7†	8	Jan. 15	18	56.68	11.53	Apr.	1.88	Oct.	T.	106	222	6	137	s.
Springbank††	Miller	240							20	55.33	10.26	Apr.	1.25	Nov.	T.	83	182	13	170	.....
Story	Montgomery	700							3	66.81	23.89	Apr.	1.59	Sept.	0.2	91	190	63	112	s.
Stuttgart	Arkansas	228	37	64.1	98	July 17	8	Dec. 31	40	66.35	9.35	Mar.	2.41	Oct.	0.0	109	176	111	78	s.
Subiaco	Logan	1050	30		100	July 7			30											
Texarkana	Miller	332	41	66.9	105	Aug. 1	14	Dec. 8	41	52.68	8.26	Apr.	2.15	Nov.	T.	81	171[b]	71[b]	118[b]	n.
Thornburg	Perry	650		60.7	98	July 7	5	Dec. 9	3	70.86	16.63	Apr.	1.18	Dec.	T.	.....	158	102	105	s.
Waldron	Scott	675							8	59.13	13.69	Apr.	1.34	Nov.	10.5	80	133	58	174	sw.
Warren	Bradley	206	31	66.1	100	July 17	11	Dec. 31	33	54.79	10.40	Apr.	0.90	Oct.	0.0	66	179	92	94	s.
Waters	Montgomery	800							3	67.96	16.73	Apr.	1.60	Sept.	T.	70	144*	67*	124*	w.
Whitecliffs	Little River	290							23	50.00	9.18	Apr.	0.81	Aug.	0.0	61	148	60	157	sw.
Wilson	Mississippi	237	2	62.0	98	Sept. 17	5	Jan. 15	2	68.02	11.75	Apr.	1.48	Sept.	1.5	113	226	57	82	s.
Wynne	Cross	250	15	63.3	100	Sept. 16	9	Jan. 15	19	72.37	20.34	Apr.	1.79	Feb.	T.	108	171	57	137	s.
Yancopin	Desha	167							3	71.48	15.70	Mar.	2.63	Oct.	0.0	117	140	54	171	.....

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years record: but all complete reports are used in determining section means. T. Precipitation is less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † Also on later dates. †† Post-office addresses of these stations as follows:- Dam No. 1, Judsonia, Ark., Lutherville R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. *30 days missing. ¶28 days missing.

Monthly and Annual Mean Temperatures for the Year 1927, with Departures from the Normal

Stations	January Temperature	January Departure	February Temperature	February Departure	March Temperature	March Departure	April Temperature	April Departure	May Temperature	May Departure	June Temperature	June Departure	July Temperature	July Departure	August Temperature	August Departure	September Temperature	September Departure	October Temperature	October Departure	November Temperature	November Departure	December Temperature	December Departure	Annual Temperature	Annual Departure
Amity	46.5	+3.4	54.6	+11.6	55.4	+0.4	66.2	+5.0	72.6	+3.2	79.4	+4.6	82.6	+2.5	80.0	0.0	78.0	+3.8	67.7	+4.9	59.8	+7.2	44.2	+1.4	65.6	+4.0
Batesville	38.2	-0.6	47.0	+6.6	49.8	-2.4	63.6[f]	+4.7	69.4[b]	+1.6	73.8	-1.6	77.6	-2.2	73.8	-5.7	74.0	+1.0	62.8	+1.6	52.3	+3.1	37.8	-2.8	60.0	+0.3
Bee Branch	40.1	-1.2	50.2	+8.1	51.6	-1.0	64.3	+3.4	70.6	+2.0	75.2	-1.6	79.2	-0.8	75.4	-4.0	75.0	+0.6	65.4	+2.8	54.7	+3.4	39.3	-2.9	61.8	+0.8
Bentonville	37.3	+3.2	45.4	+6.9	48.8	+1.5	62.0	+5.1	68.2	+1.8	72.2	-1.9	75.6	-2.9	72.7	-3.8	70.6	+1.7	62.8	+4.8	51.4	+4.7	35.6	-1.9	58.6	+1.6
Blytheville	40.2[a]	......	51.5	......	53.8[a]	......	65.2[a]	......	71.8	......	76.4	......	80.4[a]	......	76.0[b]	......	77.2[a]	......	64.9	......	54.9[e]	......	41.4[d]	......	62.8	......
Booneville	42.6	+2.6	52.2	+5.6	54.2	-2.2	66.3	+4.7	71.8	+0.7	75.7	-1.9	79.8	-1.3	77.4	-3.7	75.6	0.0	66.8	+3.5	58.0	+4.2	40.9	-2.6	63.4	+0.8
Brinkley	43.4	+1.6	53.9	+10.9	54.0	-1.6	66.8	+6.1	72.1	+2.1	76.6	-1.1	79.8	-1.0	76.4	-3.8	76.1	+1.5	64.7	+2.6	57.7	+5.9	41.8[a]	-1.6	63.6	+2.1
Calico Rock	38.4	+2.2	47.0	+5.8	50.2	+2.3	63.8	+5.7	69.3	+2.4	74.8	-1.4	78.8	-0.7	75.2	-3.7	75.2	+3.4	63.9	+3.7	52.6	+4.0	37.8	-1.7	60.6	+1.8
Camden	45.8	+0.9	53.4	+6.4	54.8	-1.2	66.8	+3.1	72.8	+1.6	77.5	-0.7	79.6	-1.4	78.6	-1.6	76.5	+1.1	65.5	+1.8	59.2	+7.0	43.1	-2.0	64.5	+1.3
Center Point	46.2	+0.8	55.1	+8.9	55.4	-1.6	67.0	+4.3	73.2	+2.2	77.9	+0.7	81.3	-0.5	81.4	0.0	78.9	+2.2	69.8	+6.2	60.0	+5.4	43.6	-1.0	65.8	+2.2
Conway	42.0	0.0	52.0	+8.7	53.8	0.0	66.4	+4.9	72.2	+2.1	77.0	-1.2	81.0	-0.6	77.1	-4.3	76.3	+1.3	65.8	+2.7	57.0	+5.2	41.1	-1.1	63.5	+1.5
Corning	39.6	+2.3	52.2	+14.5	52.9	+1.7	64.3	+4.7	69.6	+1.1	74.6	+1.0	79.0	+0.1	74.4	-3.7	76.8	+4.4	65.4	+6.4	53.4	+5.4	38.8	-0.6	61.8	+3.0
Dardanelle	42.4	+2.2	52.6	+9.0	53.8	+1.4	66.9	+5.5	73.0	+3.4	77.4	+0.4	81.0	-0.4	77.1	-2.9	76.4	+2.0	66.6	+3.6	57.9	+5.5	41.4	-0.8	63.9	+2.4
Dumas	46.0	+3.0	55.1	+5.8	55.1	-2.5	68.2	+5.1	74.2	+2.0	78.8	0.0	81.6	0.0	79.4	-1.2	78.2	+2.6	68.6	+3.4	62.6	+8.7	46.4	-1.0	65.2	+2.2
Dutton	37.0	+1.1	44.9	+7.0	47.4	-0.7	60.3	+4.3	65.8	+1.7	69.7[b]	-2.1	72.8	-2.7	70.5	-4.2	68.1	-0.6	60.0	+1.9	51.0[a]	+3.4	34.4	-3.0	56.8	+0.5
El Dorado	49.8	+4.0	57.5	+9.9	57.8	+1.4	68.5	+5.1	74.6	+3.6	79.4	+0.4	82.3	+0.8	80.8	-0.3	78.8	+2.4	69.1	+4.3	62.6	+7.7	45.6	-0.4	67.2	+3.2
England	44.7[a]	+1.8	54.1	+8.1	54.6	-0.6	67.4[a]	+5.3	71.8[a]	+1.7	77.0[a]	-0.9	80.6	-0.7	78.5[e]	-1.8	76.8	+1.7	67.0	+3.8	58.1	+4.4	47.8	-0.4	64.4	+1.8
Eureka Springs	39.2	+1.6	49.0	+9.2	50.6	-0.4	63.2	+4.8	69.2	+2.4	73.2	-0.8	77.2	-0.8	73.3	-4.7	73.1	+1.3	65.6	+5.3	53.5	+1.9	37.3	-1.9	60.4	+1.5
Fayetteville	39.2	+1.2	48.1	+8.8	49.6	-0.3	62.9	+4.9	69.0	+2.8	73.0	-1.2	76.8	-1.2	73.6	-4.0	71.9	-0.5	63.7	+2.8	52.6	+2.8	35.9	-4.0	59.7	+1.0
Fort Smith	41.4	+1.9	50.6	+7.8	52.8	+0.2	65.3	+3.5	72.2	+2.6	76.6	-0.9	80.0	-1.5	77.2	-3.3	75.7	+1.7	67.0	+4.2	55.8	+4.8	39.2	-2.9	62.8	+1.5
Gravette	37.6	+0.9	47.0	+9.2	50.0	+6.2	62.8	+6.2	68.6	+3.0	72.3	-1.3	76.0	-1.2	73.4	-3.8	71.0	+0.2	63.4	+3.4	52.9	+3.5	36.0	-1.6	59.2	+2.0
Harrison	38.8	......	50.4[b]	......	51.5[b]	......	64.6[a]	......	70.8	......	72.5	......	76.6[b]	......	74.6	......	......	......	64.1	......	52.9	......	37.4	......	......	......
Helena	44.0	+1.0	53.0	+9.4	54.2	+0.4	67.8	+5.4	74.0	+3.2	79.2	+1.0	82.4	+1.1	79.0	-1.6	78.0	+3.2	66.8	+4.3	57.6	+4.4	42.6	-2.2	64.9	+2.5
Hope	46.3	+0.9	54.8	+7.2	56.6	-1.4	67.7	+4.5	74.1	+2.9	78.8	+0.4	81.8	+1.2	82.0	+0.6	79.2	+3.2	69.0	+3.4	62.6	+8.0	47.7	+1.0	66.7	+2.6
Hot Springs	44.5	+1.4	53.2	+6.4	51.8[i]	-2.5	66.3	+3.8	71.8	+0.6	75.4	-1.5	......	......	79.5	-0.9	77.2	+1.8	66.9	+3.0	56.4	+3.6	43.0	-3.2	......	......
Huttig	54.3[g]	+6.1	60.3[c]	+8.6	59.4	+1.0	70.7[a]	+5.3	76.1[e]	+3.[illegible]	81.1[b]	+2.0	83.6[g]	+1.0	79.2[c]	+3.0	......	......	66.8[g]	+1.4	63.8[c]	+5.6	49.6[d]	+0.8	......	......
Jonesboro	39.6	-0.8	51.4	+9.9	52.8	0.0	64.0	+2.8	70.5	+0.7	75.5	-2.1	79.8	-0.1	75.2	-4.7	76.0	+1.7	64.2	+1.7	54.7	+3.3	39.8	-1.2	62.0	+1.0
Junction	......	......	58.1	+11.0	57.8	+0.6	68.4	+2.8	74.4	+2.6	81.8	-0.1	......	......	......	......	78.0	+2.4	70.2	+6.0	......	......	45.6	-0.5	......	......
Lambrook	43.0	......	52.1	......	......	......	......	......	......	......	......	......	......	......	......	......	74.6	......	65.6	......	56.2	......	41.7	......	......	......
Lead Hill	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	36.2	......	......	......
LITTLE ROCK	43.0	+1.6	52.2	+7.3	54.0	+1.0	66.2	+4.1	71.8	+1.5	76.2	-1.2	80.6	+0.3	76.6	-3.2	76.6	+2.5	67.2	+3.6	56.3	+4.2	42.3	-1.9	63.6	+1.6
Lurton	36.6[b]	......	45.1[a]	......	47.6	......	60.4	......	66.4	......	69.4	......	74.4[b]	......	70.6	......	72.4[d]	......	63.8[g]	......	49.4[a]	......	35.2[a]	......	57.6	......
Lutherville	40.6	+0.6	50.0	+9.0	51.4	-1.0	65.8	+4.0	70.0	+1.7	73.9	-1.9	75.0	-3.8	......	......	74.8	+1.2	65.4	+3.6	55.0	+3.8	38.2	-3.0	......	......
Magnolia	48.4[c]	......	56.9	......	59.4	......	68.2[c]	......	74.0[b]	......	79.0[d]	......	80.6[b]	......	79.8	......	76.8[b]	......	68.0[a]	......	62.6[b]	......	45.4[a]	......	66.6	......
Malvern	44.7	+1.5	53.0	+6.1	55.0	+0.9	67.5	+6.4	72.6	+2.7	77.6	+0.1	81.0	0.0	78.6	-1.1	76.9	+2.6	66.8	+4.0	58.6	+6.4	43.6	+0.6	64.7	+2.6
Mammoth Spring	37.8	+1.0	48.8	+9.4	51.4	+0.7	63.7	+5.3	68.5	+2.3	73.3[b]	-1.0	76.4	-1.6	72.8	-4.4	72.4	+1.0	61.6	+3.2	55.8	+7.2	42.3	+3.6	60.4	+2.2
Marianna	44.2	+4.0	54.6	+11.2	55.0	+0.2	67.3	+6.8	73.2	+3.0	78.2	+0.2	80.8	+0.6	76.6	-2.8	76.2	+3.2	65.0	+1.4	58.0	+6.0	42.8	+0.8	64.3	+2.9
Marked Tree	38.6	......	48.5	......	51.2	......	62.6	......	70.3	......	75.4	......	78.8	......	73.0	......	73.8	......	61.6	......	49.3	......	35.2	......	59.9	......
Marshall	39.4[d]	+1.0	49.7	+6.0	51.2	-2.4	64.8	+4.0	69.8	+2.6	73.8	-2.8	76.9	-1.9	73.6	+5.1	73.4	+0.9	64.4	+2.9	53.2	+1.5	37.5	-5.3	60.6	+0.1
Mena	43.0	+1.7	51.6	+8.0	52.8	+0.2	64.9	+3.5	70.8	+0.9	75.2	-1.2	78.6	-1.2	77.2	+2.2	74.7	+0.9	65.2	+2.4	56.1	+3.0	39.6	-3.0	62.5	+1.2
Morrilton	42.8	......	52.6	......	54.4	......	66.7	......	72.9	......	77.4	......	81.6	......	77.5	......	77.0	......	66.2	......	55.0	......	40.5	......	63.7	......
Mountain Home	38.2	+1.0	49.2[i]	+8.5	54.0[c]	+3.4	63.8	+4.4	70.2	+4.3	74.0	-0.8	77.4[a]	-0.1	73.8	-4.0	72.2[b]	+1.2	64.6[f]	+5.3	52.8	+3.2	37.0	-2.7	60.6	+2.0
Mount Ida	42.6	+1.9	51.4	+5.6	53.6	+0.4	65.6[a]	+4.2	70.8	+2.5	75.3	-1.2	79.0	-0.5	77.2	-2.1	75.0	+2.1	65.1	+3.8	55.6	+4.5	40.0	-3.5	62.6	+1.5
Newport	41.2	+2.0	52.8	+12.3	54.2	+1.6	65.0	+3.2	70.9	+0.9	77.5	-0.3	81.6	0.0	77.2	-2.6	78.0	+4.2	67.0	+5.6	56.5	+5.5	41.8	-0.1	63.6	+2.7
Osceola	41.0[b]	+1.2	50.5	+8.2	52.8	-2.0	63.7	+4.0	71.0	+1.4	75.6	-1.6	80.6	+0.5	75.8[a]	-3.2	77.0	+3.5	66.9	+5.3	55.2	+5.4	42.6	-0.2	62.7	+1.9
Ozark	40.7	-0.3	49.5[e]	+6.6	53.6[i]	+0.2	67.4[d]	+2.3	72.4[b]	+2.0	77.3[b]	-0.7	79.4[c]	-2.4	76.5	-5.0	74.0[a]	-2.1	66.0	+2.4	55.0	+2.8	38.0	-3.2	62.3	+0.3
Pine Bluff	46.0	+2.9	55.1	+9.7	56.0	+1.2	69.0	+4.6	74.4	+2.4	78.5	-0.5	82.8	+.6	80.4	-1.0	80.0	+6.9	71.2	+8.6	60.4	+7.6	45.2	+0.8	66.6	+3.7
Pocahontas	39.4	+1.4	50.3	+9.9	52.0	+0.4	61.4	+4.4	69.6	+1.0	75.9	-0.5	80.2	-1.5	75.6	-5.4	76.2	+1.4	65.0	+2.1	54.2	+3.0	39.0	-1.8	61.8	+1.2
Portland	49.7	+3.4	57.8	+9.3	57.2	-1.6	70.2	+6.5	76.0	+4.7	80.8	+1.6	82.6	+1.1	80.2	-0.9	77.8	+1.4	67.8	+3.0	62.7	+8.8	45.5	-1.9	67.4	+3.0
Prescott	47.3	+3.2	55.4	+9.1	54.4	-1.5	68.0	+5.1	73.8	+3.6	78.4	-0.1	81.0	-0.7	79.7	-1.5	77.1	+1.6	68.8	+4.4	63.3	+9.1	43.9	-1.8	65.9	+2.5
Rison	49.4	+5.8	58.2	+13.8	56.8	+1.8	69.6	+6.6	74.4	+3.4	78.9	+1.0	81.6[b]	+0.8	79.3	-1.7	75.6	+0.8	66.0	+2.4	62.2	+9.1	......	......	......	......
Rogers	37.9	+1.0	48.2	+9.9	50.4	+1.0	62.9	+4.8	68.4	+2.3	72.4	-1.0	75.8	-1.2	73.0	-4.0	73.3	+0.2	62.7	+3.1	53.3	+4.0	36.2	-2.4	59.4	+1.5
Searcy	41.5	+1.1	51.8	+8.1	53.0	0.0	65.6	+4.0	71.2	+2.5	76.1	+1.1	80.0	-0.7	76.3	-3.6	76.0	+2.6	65.2	+3.9	56.0	+5.3	40.9	-1.6	62.8	+1.7
Stuttgart	45.0	+2.8	52.9	+8.7	53.9	-0.1	66.6	+4.6	73.0	+3.1	76.8	0.8	79.8	-0.9	76.8	-3.5	76.6	+1.8	66.2	+3.4	59.0	+6.8	42.8	-0.8	64.1	+2.1
Subiaco	43.8	+2.4	52.8	+10.4	54.4	+0.8	66.0	+4.9	72.1	+2.1	75.8	-1.6	80.4	-0.9	76.7	-4.1	76.0	+2.4	67.6	+4.2	57.2	+4.2	......	......	......	......
Texarkana	48.0	+1.8	55.6	+7.8	57.3	+0.5	69.3	+5.5	74.5	+2.9	79.2	+0.2	82.4	+0.1	82.0	+0.1	78.7	+1.9	70.2	+5.6	60.6	+5.2	44.6	-2.2	66.9	+2.5
Thornburg	39.8	......	48.0	......	51.6	......	64.2		69.2	......	73.4[a]		77.0	......	75.1	......	73.3	......	62.8	......	55.2	......	38.8	......	60.7	......
Warren	48.0	+3.1	56.4	+10.8	55.8	-0.3	68.4	+5.8	75.2	+4.2	79.1	+0.3	81.8	0.0	79.5	-1.6	77.0	+1.0	66.8	+3.0	60.7	+7.1	44.9	+0.2	66.1	+2.7
Wilson	41.2	......	50.8	......	53.6	......	65.2	......	71.2	......	75.4	......	78.8		74.3		75.2		64.1	......	55.0	......	39.6	......	62.0	......
Wynne	42.0	+1.8	51.6	+7.8	53.9	+2.3	66.2	+4.9	72.1	+1.7	76.6	-1.9	80.2	-0.8	77.0	-2.8	77.2	+3.4	64.7	+1.7	56.9	+5.1	40.8	-1.0	63.3	+1.9

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

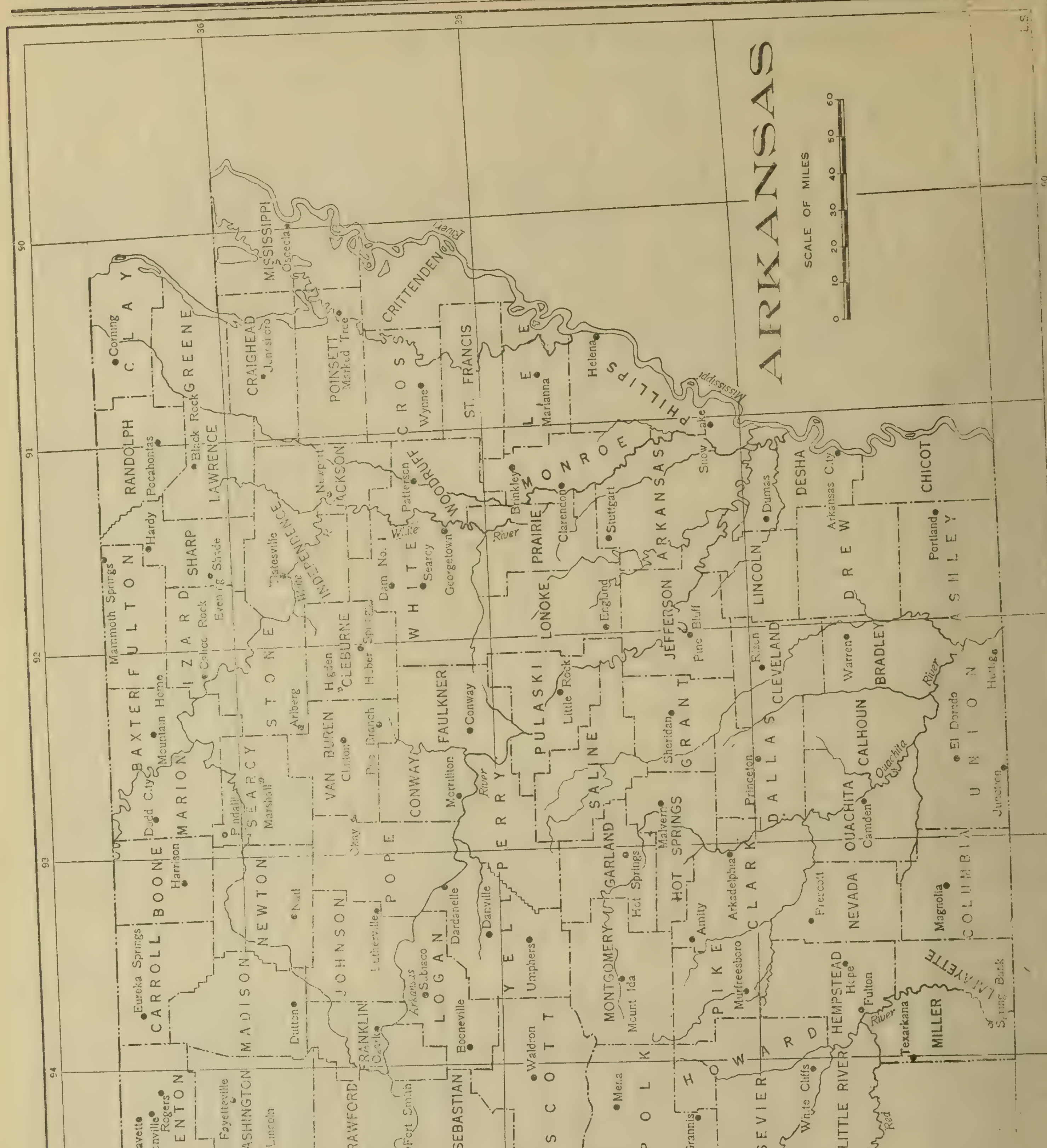
Monthly River Stages for the Year 1927

Stations	Jan. Highest	Jan. Lowest	Jan. Mean	Feb. Highest	Feb. Lowest	Feb. Mean	Mar. Highest	Mar. Lowest	Mar. Mean	Apr. Highest	Apr. Lowest	Apr. Mean	May. Highest	May. Lowest	May. Mean	June Highest	June Lowest	June Mean	July Highest	July Lowest	July Mean	Aug. Highest	Aug. Lowest	Aug. Mean	Sept. Highest	Sept. Lowest	Sept. Mean	Oct. Highest	Oct. Lowest	Oct. Mean	Nov. Highest	Nov. Lowest	Nov. Mean	Dec. Highest	Dec. Lowest	Dec. Mean
Arkadelphia	15.6	6.0	5.4	8.3	1.2	3.7	18.6	2.0	6.1	23.9	3.5	9.4	15.3	0.8	4.0	14.5	1.0	5.2	3.0	-0.6	0.4	2.5	-0.7	0.4	0.0	-0.7	-0.5	4.8	-0.7	0.4	8.5	-0.6	1.4	7.3	0.0	2.5
Arkansas City	48.7	41.3	45.2	51.8	45.3	49.8	53.2	45.3	47.9	60.5	51.7	55.2	51.4	43.6	46.9	45.4	43.4	44.5	43.9	20.3	31.9	31.2	20.8	26.3	26.4	10.5	17.0	32.0	10.5	24.8	27.8	13.5	19.3	40.0	26.0	33.2
Batesville	33.3	8.3	15.8	17.2	9.3	12.1	23.8	8.9	13.5	42.8	15.0	25.3	21.0	11.8	15.9	23.6	9.6	14.9	15.3	6.6	8.6	29.3	9.8	16.1	9.8	6.2	7.4	32.8	6.8	13.3	17.9	6.8	11.2	37.6	8.1	14.0
Black Rock	26.3	5.4	13.0	23.3	7.5	15.1	19.9	5.6	12.7	30.2	18.2	23.8	21.7	18.7	20.4	25.2	13.0	20.7	12.0	5.5	7.2	15.0	5.9	9.7	7.0	3.3	4.8	15.0	3.5	6.7	10.0	3.4	6.5	25.3	5.0	13.3
Calico Rock	27.0	2.6	9.1	9.5	3.4	5.7	12.6	3.2	6.7	49.5	7.8	20.2	16.2	5.6	9.3	22.5	4.2	8.3	10.0	1.5	3.1	24.8	3.9	9.3	10.3	1.2	2.3	30.5	1.8	7.5	11.4	2.0	5.5	39.5	2.6	8.2
Camden	33.8	8.3	21.0	31.8	9.7	19.9	35.0	11.2	25.4	41.0	18.6	29.6	28.8	10.[illegible]	18.3	28.4	12.6	19.6	11.9	3.7	6.6	8.3	4.0	5.4	5.3	1.5	3.1	9.1	3.5	4.7	16.5	4.0	7.0	20.4	4.6	9.6
Clarendon	30.5	23.8	26.4	32.6	26.1	29.6	28.8	23.9	25.7	43.3	28.5	34.0	37.3	28.0	30.3	29.3	28.2	28.6	28.3	15.5	21.7	27.9	15.6	23.4	27.8	11.7	19.0	26.8	12.8	22.2	24.5	13.1	19.4	29.2	18.7	23.6
Corning	15.0	8.8	11.5	13.6	9.4	11.4	13.6	8.5	11.1	16.2	11.9	13.9	13.5	11.8	12.5	14.7	10.3	12.4	9.9	7.5	8.3	12.1	7.7	9.3	7.6	6.4	6.9	11.9	7.0	8.8	11.8	7.0	9.4	15.1	8.5	11.0
Cotter	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	23.9	2.9	7.3	12.0	3.0	6.2	22.6	3.4	7.5
Dam No. 1	41.0	1.3	11.8	12.5	2.0	6.1	37.0	1.4	8.7	50.5	6.2	17.1	36.0	4.4	8.9	20.0	5.1	8.4	5.0	-0.8	1.4	17.0	2.2	6.7	3.0	-3.0	-0.7	13.4	-0.6	3.8	19.8	-2.4	2.7	25.0	0.2	6.7
Danville	26.1	8.7	13.5	15.6	5.1	8.8	24.1	5.1	10.2	28.5	4.8	16.6	20.3	5.1	11.3	22.5	4.5	13.3	3.7	0.5	2.0	20.2	1.4	8.3	12.4	1.8	3.9	21.7	1.3	6.4	2.4	1.2	1.6	22.7	0.7	6.9
Dardanelle	19.6	4.0	9.9	14.0	4.9	8.6	16.6	5.2	9.7	32.7	7.5	23.5	19.4	9.6	13.4	20.2	5.8	12.9	13.8	4.5	6.6	20.0	8.7	15.2	13.2	4.0	6.7	23.2	4.7	11.4	9.0	4.7	5.7	23.3	4.5	7.7
De Valls Bluff	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	25.7	14.5	20.1
Fort Smith	19.2	6.4	11.3	16.0	7.0	10.1	19.4	7.2	11.3	36.7	11.9	25.5	17.7	8.4	12.1	22.2	8.0	14.1	13.4	7.0	9.0	21.3	12.5	16.9	13.3	6.0	8.8	24.7	6.1	12.5	11.9	6.0	7.3	14.8	5.9	8.3
Fulton	27.7	11.3	17.8	26.5	11.8	18.2	25.1	14.0	21.0	35.0	13.7	25.6	28.7	11.5	16.8	16.5	9.8	12.0	22.8	8.0	12.6	16.0	8.3	10.7	8.9	6.7	7.7	15.8	6.7	10.4	10.8	7.1	8.1	23.3	6.8	12.0
Georgetown	28.9	11.8	19.4	28.1	17.2	22.4	22.9	13.1	18.1	30.3	21.6	24.6	23.0	21.0	21.8	22.5	21.0	21.8	20.7	8.5	12.7	22.0	10.0	19.0	19.5	4.3	9.6	22.0	6.0	15.4	19.3	5.2	13.2	25.4	9.5	17.3
Gilbert	21.3	4.9	7.6	6.8	5.0	5.6	9.6	5.0	6.4	37.0	5.9	11.0	13.0	5.0	6.7	14.2	4.4	6.2	8.1	3.8	4.4	7.6	4.2	5.6	14.0	3.9	4.4	28.0	3.8	6.4	5.6	3.8	4.5	39.0	4.0	6.9
Helena	46.3	31.0	40.5	47.3	40.1	41.5	50.8	39.5	43.7	56.8	50.5	53.4	55.8	40.9	47.9	48.0	40.7	44.8	39.9	16.9	24.4	22.6	15.8	18.8	17.2	7.8	10.6	24.3	7.8	18.5	23.5	9.0	15.5	36.5	20.0	29.7
Index	22.5	9.4	13.9	18.3	10.7	13.9	22.4	11.4	15.9	30.8	11.2	21.9	20.2	11.4	14.5	17.5	10.2	12.4	23.5	8.6	13.3	17.1	8.5	11.3	19.5	7.2	8.1	15.0	7.3	10.7	7.9	7.4	7.5	21.4	6.9	10.6
LITTLE ROCK	20.5	3.0	9.9	16.6	4.0	8.8	17.5	4.0	9.6	33.0	7.5	22.7	22.4	9.8	14.1	19.8	7.4	13.5	14.4	3.7	6.5	19.0	4.5	14.4	12.9	2.7	6.1	20.9	3.0	10.6	9.2	2.9	4.5	19.7	2.6	6.8
Marked Tree	16.7	10.1	12.3	18.0	14.9	17.2	16.5	12.4	14.2	19.9	16.7	18.0	20.1	18.1	19.3	18.1	16.4	17.3	16.2	6.3	10.4	6.8	6.2	6.5	6.0	3.2	4.2	7.1	3.2	5.4	7.3	1.6	4.3	9.6	5.8	6.8
Morrilton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	18.0	9.0	13.4	12.5	2.2	5.0	22.0	2.9	10.1	8.0	2.4	3.7	20.0	2.3	6.3
Newport	32.6	7.3	17.1	28.3	10.0	19.1	25.8	7.9	16.1	35.6	20.5	28.4	25.9	20.0	23.4	27.8	18.3	23.6	16.9	5.8	8.2	27.4	11.4	18.8	10.8	3.9	5.7	28.0	4.7	13.7	19.0	4.4	11.0	29.7	6.3	16.3
Ozark	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9.6	2.0	3.3	22.4	3.3	10.0	8.5	3.0	4.3	18.7	1.9	6.4
Patterson	10.6	7.0	8.9	11.2	6.6	9.1	10.5	6.9	8.5	16.0	7.8	11.3	11.0	7.8	8.8	9.7	7.9	9.1	9.5	4.6	6.3	8.2	4.7	7.0	6.5	4.0	4.7	6.5	4.0	5.2	8.6	4.2	6.2	7.8	5.2	6.3
Pine Bluff	23.3	7.1	13.7	21.1	8.6	13.7	20.6	8.4	13.8	32.4	11.9	24.6	27.5	13.8	18.3	22.7	11.7	20.0	18.2	9.1	11.5	21.6	8.7	17.4	16.4	7.0	10.4	23.8	8.0	14.8	12.8	7.8	9.1	21.1	7.1	10.9
St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	26.1	6.9	14.1
Springbank	28.7	15.9	22.0	28.5	14.6	20.8	27.1	14.6	22.1	40.2	12.5	26.6	38.3	19.9	25.8	19.7	15.3	17.1	21.2	11.9	15.9	19.2	11.4	14.2	11.2	7.8	9.4	15.8	8.0	10.9	10.5	7.6	8.4	24.8	7.5	13.0
Whitecliffs	27.0	3.4	14.0	25.1	4.0	13.9	26.3	8.3	19.2	29.9	8.4	21.2	22.4	4.3	11.7	9.8	1.4	4.0	12.6	0.6	3.6	4.5	0.6	1.5	1.9	0.6	0.9	6.8	1.0	2.3	12.9	0.8	3.6	23.6	1.2	9.7
Yancopin	35.6	32.0	34.1	38.2	35.0	37.1	39.5	32.5	35.0	48.5	39.8	43.8	44.8	34.2	39.0	36.9	33.9	35.7	35.1	13.8	23.1	26.6	13.9	23.4	23.8	9.9	15.9	28.8	10.2	21.6	19.8	11.0	14.3	29.1	16.0	23.1

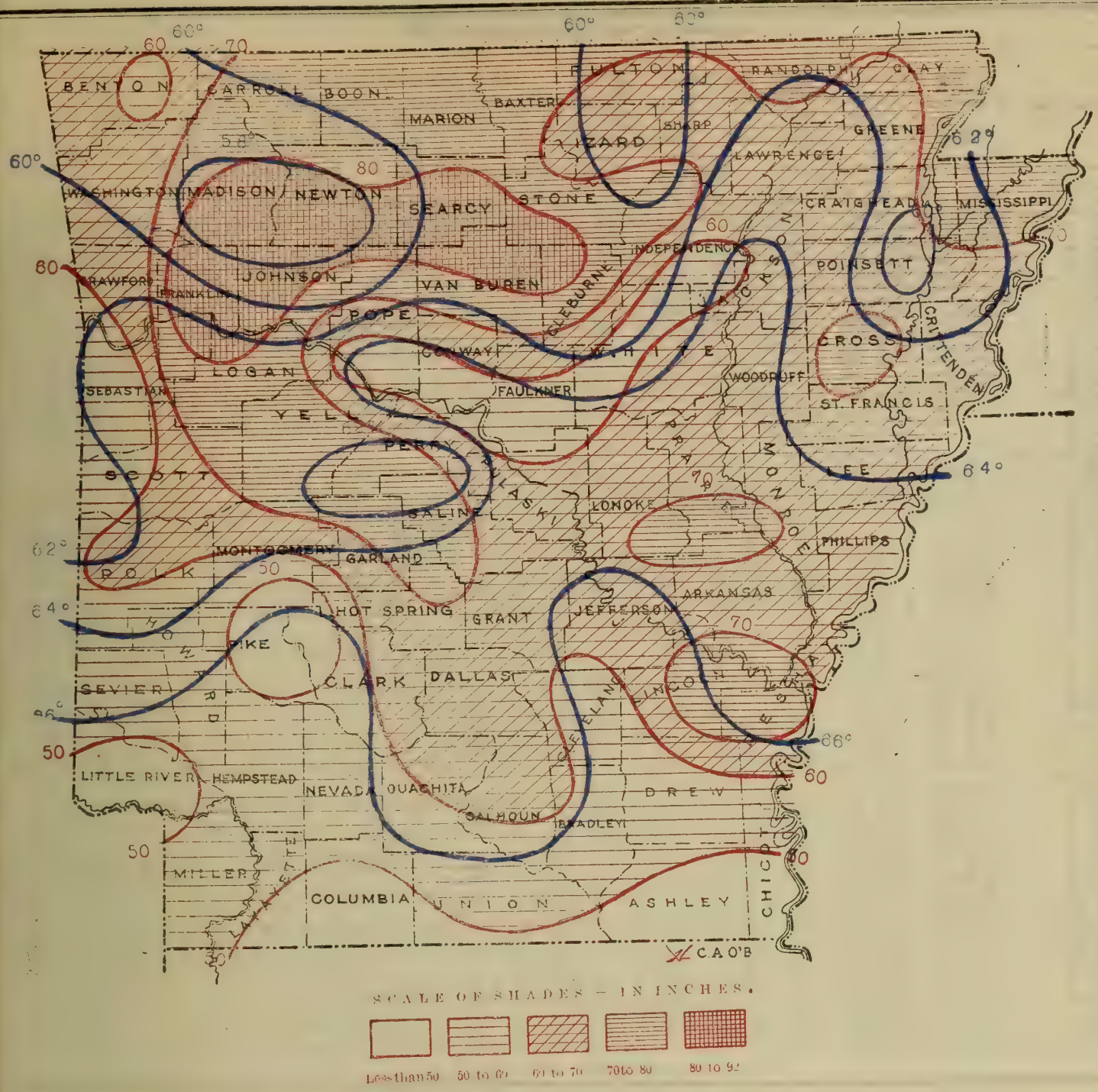
Monthly and Annual Precipitation for the Year 1927, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	2.63	−1.88	1.69	−2.08	3.64	−1.62	5.91	+0.32	3.99	−1.63	4.10	−1.54	1.33	−2.63	1.93	−2.43	0.86	−2.43	1.80	−1.18	1.80	−2.16	2.22	−2.19	31.93	−21.45
Arkadelphia	5.44	+1.47	1.88	−2.59	7.23	+2.13	11.87	+6.48	4.19	−1.23	7.04	+1.94	5.27	+1.52	5.41	+0.89	2.93	+0.29	2.23	−0.60	2.80	−0.65	4.89	+0.05	61.28	+ 9.70
Arkansas City	2.03	−2.67	3.36	−1.14	11.69	+6.27	10.11	+5.45	1.68	−2.90	3.91	−0.33	1.97	−1.89	7.41	+3.49	4.52	+1.60	1.72	−0.48	3.50	−0.29	8.41	−1.48	55.21	+ 5.63
Arlberg	9.68		2.08		7.04		14.63		8.18		7.30		7.34		10.45		3.65		2.15		3.37		6.01		81.88	
Batesville	8.80	+4.61	2.38	−1.04	8.59	+4.47	12.73	+8.05	6.62	+1.73	4.41	+0.38	7.70	+4.43	9.84	+5.59	3.63	−0.27	2.14	−0.72	3.79	+0.24	2.11	−1.80	72.74	+25.67
Bee Branch	6.41	+2.31	1.30	−2.33	7.53	+2.35	11.86	+6.89	10.53	+5.72	7.76	+3.64	4.03	+0.32	6.73	+2.86	2.40	−0.72	3.57	+0.75	4.55	+1.12	3.13	−0.82	69.80	+22.09
Bentonville	3.33	+0.70	1.72	−0.80	6.08	+2.20	9.50	+5.61	4.38	−0.84	7.47	+2.91	6.47	+2.16	7.75	+3.71	4.38	+0.91	2.80	−0.01	5.46	+2.47	2.91	+0.15	62.25	+19.23
Black Rock	7.00	+2.70	2.01	−1.12	7.79	+3.43	12.23	+6.82	8.88	+3.95	7.01	+3.67	4.31	−0.42	5.66	+1.31	4.09	+0.85	2.30	−0.27	4.67	+0.52	2.35	−1.40	68.21	+20.93
Blytheville	6.20		1.78		9.34		13.62		6.06		10.39		3.82		5.24		3.28		1.70		6.21		1.87		72.51	
Booneville	7.36	+2.53	2.82	+0.75	5.86	+2.44	15.50	+11.31	6.49	+1.81	6.20	+2.01	4.17	+1.06	9.96	+6.97	1.65	−1.53	4.84	+1.95	1.76	−2.26	5.57	+2.72	72.18	+29.76
Brinkley	6.47	+1.59	3.52	−0.44	10.93	+4.96	12.62	+7.20	8.15	+3.32	5.26	−1.82	1.52	−2.77	6.83	+3.31	1.42	−1.81	2.15	−0.77	5.44	+1.25	3.42	−1.51	67.34	+16.06
Calico Rock	5.92	+2.34	1.77	−0.65	5.56	+1.99	12.16	+7.47	7.99	+3.54	4.52	+0.97	7.47	+4.03	8.85	+3.75	2.67	−0.90	2.64	+0.13	3.66	+0.57	4.44	+1.45	67.65	+24.69
Camden	3.97	−0.63	3.10	−0.90	6.52	+1.35	8.51	+3.57	4.63	+0.19	4.41	−0.28	2.63	−1.28	3.69	+0.43	7.06	+3.74	1.58	−1.23	3.5	−1.02	3.54	−1.13	52.69	+ 2.81
Center Point	4.07	+0.33	3.58	+0.36	6.59	+1.52	8.68	+3.33	3.45	−2.83	7.62	+3.24	1.36	−2.74	1.65	−1.70	2.19	−1.48	3.18	+0.32	3.92	+0.54	5.14	−0.89	51.43	+ 1.78
Clarendon	4.61	+0.27	5.10	+1.31	11.98	+6.69	10.02	+3.69	4.89	−0.17	5.74	+2.40	2.33	−1.01	8.58	+4.37	5.46	+1.8	2.77	−0.27	5.28	+2.38	4.70	−0.31	72.40	+21.15
Clinton	8.10		1.38		9.64		11.01		8.54		4.88		3.43		12.27		7.24		2.84		3.61		5.26		78.55	
Cold Springs	5.92		1.33		4.04		15.30		5.10		8.00		2.46		6.59		1.96		6.16		1.24		2.46		60.56	
Conway	5.97	+1.72	1.92	−1.74	5.74	+1.05	13.74	+9.09	6.35	+1.62	7.29	+3.24	1.18	−2.19	5.84	+2.33	3.23	−0.28	3.43	+0.78	2.12	−1.98	2.42	−1.72	59.18	+11.92
Corning	9.58	+5.89	3.07	−0.44	7.42	+2.72	13.57	+8.69	5.71	+1.35	8.09	+3.97	6.01	+2.54	4.09	+0.45	2.77	−0.95	3.13	−0.14	2.80	−0.88	3.36	−0.59	69.60	+22.61
Cotter																					2.60		6.21			
Dam No. 1	5.57		2.62		5.34		12.97		5.55		6.77		5.16		10.38		3.34		2.23		5.15		3.91		68.99	
Danville	7.50	+4.11	1.29	−0.73	4.25	−0.05	22.51	+18.59	7.28	+3.47	12.27	+8.91	2.25	−0.89	5.98	+2.45	1.98	−0.97	3.49	−0.32	0.93	−2.60	3.46	+0.50	73.19	+31.47
Dardanelle	6.92	+3.63	2.01	−1.02	4.06	−0.40	12.65	−8.61	5.59	+0.09	7.32	+3.68	2.92	+0.61	6.84	+3.11	1.66	−1.63	2.55	−0.09	2.12	+1.38	4.28	+1.08	58.92	+15.67
De Valls Bluff																							3.55			
Dumas	2.68	−2.31	7.02	+2.97	14.04	+8.19	9.02	+4.07	6.41	+1.19	8.17	+4.04	1.25	+0.83	9.07	+5.11	2.84	−0.96	2.03	−1.25	4.36	+0.47	3.33	−2.03	78.22	+20.32
Dutton	8.35	+4.43	1.97	−0.95	5.12	+0.72	16.68	+10.92	8.30	+1.86	5.79	+0.29	6.46	+2.22	4.38	−0.07	11.96	+7.86	8.25	+5.25	3.37	+0.02	10.19	+6.76	90.82	+39.27
Eagleton	6.75		1.51		7.55		11.44		5.08																	
El Dorado	2.01	−1.18	1.87	−1.47	7.35	+2.91	14.26	+9.17	5.28	+0.73	4.97	+1.73	2.04	−1.23	2.90	−0.42	1.74	−1.12	2.08	−0.75	2.94	−0.28	5.20	+0.54	52.64	+ 8.63
England	6.02	+1.96	3.05	−1.13	8.41	+3.12	12.29	+6.05	5.68	+1.59	8.27	+4.61	2.20	−0.21	7.71	+3.11	2.81	−0.89	2.33	−0.55	6.32	+2.61	4.76	+0.18	69.85	−20.45
Eureka Springs	4.46	+1.38	1.91	−0.73	6.84	+2.92	10.03	+5.36	5.71	−0.12	5.60	−0.11	6.59	+2.64	5.50	+0.38	5.23	+1.27	4.10	+1.07	4.99	+2.04	3.64	+1.22	64.60	+17.32
Fayetteville	3.98	+0.99	2.14	−0.40	4.40	+0.32	12.94	+8.42	6.50	+0.89	8.93	+4.36	7.27	+3.15	6.83	+2.62	4.14	+0.96	2.75	−0.44	3.96	+0.82	2.35	+0.24	66.63	+21.93
Fort Smith	4.60	+2.09	2.15	−0.59	2.93	−0.69	9.67	+5.77	6.21	+1.50	3.15	−0.85	7.25	+3.41	4.93	+1.27	3.00	−0.17	2.55	−0.28	2.74	−0.54	7.69	+4.81	57.07	+15.73
Freeman Springs	8.80		3.14		5.26		17.35		6.98		5.95		5.96		5.41		4.48		4.96		3.47		10.34		82.60	
Fulton	3.32	−0.77	3.05	+0.04	8.84	+1.27	12.77	+8.34	4.47	−0.10	4.19	+0.26	4.65	+1.24	4.16	+1.24	3.89	−1.45	1.84	−0.53	3.49	−0.02	4.20	−0.11	58.87	+15.31
Georgetown	5.75	+0.27	1.83	−1.45	7.55	+1.82	9.83	+4.08	8.33	+4.40	5.62	+2.15	2.36	−0.28	8.52	+4.30	1.61	−2.37	2.46	−1.67	4.94	+1.35	2.90	−1.37	61.69	+11.23
Gilbert	7.49		1.54		4.41		14.62		7.24		4.17		7.64		8.08		3.19		3.42		2.19		7.52		77.51	
Gravette	4.60	+2.10	1.48	−0.36	4.55	+0.85	8.48	+4.37	3.84	−1.68	8.23	+2.82	5.95	+1.76	8.51	+4.53	3.80	+0.39	5.12	+2.08	3.99	+0.98	2.48	+0.29	61.03	+18.13
Harrison	3.76	+0.87	2.04	−0.56	4.97	+1.80	12.04	+7.44	8.70	+3.61	3.89	−0.09	8.51	+4.19	8.33	+4.61			4.25	+1.56	2.39	−0.40	5.25	+2.72		
Helena	4.08	−1.29	1.88	−2.83	13.38	+7.20	11.28	+5.60	5.82	+1.33	4.20	+0.27	7.80	+4.00	4.40	+0.56	2.97	−0.46	1.85	−0.71	8.01	+4.57	3.38	−1.56	69.10	+15.68
Higden	7.07		1.76		7.22		13.91		14.03		5.45		5.28		12.74		6.14		3.17		5.43		2.89		85.09	
Hope	4.16	−0.82	6.02	+2.03	4.70	−0.60	12.20	+6.74	5.26	+0.05	3.08	−0.81	2.01	−2.51	3.18	−0.42	8.22	+5.23	1.64	−1.71	3.71	−0.76	3.81	−0.53	57.99	+5.89
Hot Springs	5.76	+1.00	3.11	−0.51	6.51	+1.23	14.79	+8.77	7.62	+1.97	14.57	+9.99			6.70	+2.80	2.81	−0.66	3.10	−0.01	2.07	−2.23	4.11	−0.07		
Hattig	2.87	−1.58	3.55	−0.59	13.92	+8.25	8.06	+2.70	4.52	−1.45	2.70	−1.65	2.68	−1.24	3.92	−1.21					3.42	+0.08	4.48	−0.47		
Index	3.09		3.21		8.83		9.31		4.39		2.88		2.10		1.17		3.07		2.18		1.23		4.08		45.54	
Jessieville	11.40		3.40		5.70		21.90		9.90		7.70		2.40		7.50		3.80		3.25		2.90		3.60		83.45	
Jonesboro	5.84	+0.61	1.51	−2.35	5.14	+0.23	15.08	+10.28	7.20	+2.97	6.99	+3.29	3.26	−0.30	6.98	+3.44	2.51	−0.98	2.55	−0.78	4.65	+1.19	2.04	−2.58	63.75	+15.02
Junction			3.77	+0.35	4.49	−0.90	11.13	+6.26	8.61	+4.05	4.32	+0.25					2.64	+0.36	1.28	−1.77			2.96	−0.81		
Lambrook	3.41		3.39														3.19		1.25		6.16		2.73			
Lead Hill																							1.30			
LITTLE ROCK	4.59	−0.29	3.03	−1.15	6.89	+1.95	14.81	+10.30	6.82	+1.72	5.71	+1.62	1.09	−2.90	8.81	+5.16	1.37	−1.89	1.37	−1.18	8.18	+3.59	3.82	−0.42	66.40	+16.51
Lurton	8.53		2.05		6.71		17.25		8.69		7.36				5.62		6.11		8.04		3.85		9.97		90.17	
Lutherville	10.73	+7.29	2.46	−0.61	8.86	+5.09	17.77	+13.31	6.16	+1.09	8.27	+3.80	6.99	+2.82			4.67	+1.22	5.02	+1.34	2.26	−1.17	10.42	+6.88		
Magnolia	3.11		4.83		2.65		8.15		5.52		4.86		0.58		4.93		2.49		1.78		4.95		3.46		47.31	
Malvern	4.89	−0.69	1.45	−2.05	10.67	+5.42	14.61	+9.44	8.60	+4.00	9.46	+5.30	3.41	−0.04	4.42	+0.77	2.63	−0.55	2.08	−0.63	3.50	−0.98	4.72	+0.02	70.45	+20.01
Mammoth Spring	9.00	+5.61	2.59	−0.05	3.67	−1.19	12.26	+7.34	7.61	+3.31	6.96	+2.64	4.53	+0.96	3.46	−0.98	5.76	+2.15	2.04	−0.81	2.92	−0.40	7.95	+4.87	69.05	+23.45
Marianna	4.04	−0.74	4.85	+0.93	11.41	+5.73	10.77	+6.90	6.10	+1.17	3.69	−0.83	1.67	−2.03	6.11	+3.50	1.94	−1.30	1.80	−1.89	5.64	+2.64	3.32	−1.24	61.34	+12.84
Marked Tree	5.64	+0.15	2.31	−1.15	8.91	+3.90	13.73	+8.14	8.09	+3.40	4.65	+1.72	4.47	+1.07	4.55	+0.58	1.73	−0.71	4.74	+0.48	5.89	+1.39	3.17	−1.31	67.88	+17.66
Marshall	5.30	+2.06	1.94	−0.28	6.75	+2.50	21.63	+15.53	13.65	+7.53	6.09	+2.19	6.22	+2.95	9.30	+4.50	3.82	−0.06	4.59	+1.88	5.23	+1.34	6.69	+2.97	91.72	+43.11
Mena	6.45	+2.66	1.69	−1.52	4.25	−0.72	15.58	+11.82	5.48	−0.99	5.50	+0.66	7.40	+3.35	1.78	−3.12	2.31	−1.28	6.23	+2.96	1.91	−1.55	3.53	−0.34	62.21	+11.93
Morrilton	4.74		1.41		3.13		11.78		10.85		9.62		1.09		8.30		0.75		2.71	+2.50	1.68		2.80		58.86	
Mountain Home	7.07	+4.42	1.37	−1.01	2.97	+1.54	16.87	+12.67	7.15	+1.69	8.57	+4.28	7.62	+3.20	7.66	+3.76	4.80	+0.74	2.54	−0.91	1.72	−2.04	6.70	+3.13	74.54	+28.39
Mount Pla	4.97	+0.66	2.94	−1.18	7.93	+3.12	19.25	+13.54	5.85	+0.03	7.18	+2.54	4.73	+1.21	4.12	+0.39	2.06	−1.13	6.21	+2.56	4.45	+0.41	2.46	−1.73	72.15	+20.42
Newport	5.11	+0.19	1.89	−1.73	6.52	+1.63	10.78	+5.79	6.33	+2.06	5.32	+1.68	3.95	+0.79	6.30	+2.82	2.94	−0.81	2.38	−0.29	5.41	+1.01	2.65	−1.21	59.58	+11.93
Olen	5.65		2.10		6.30		15.52		5.45		5.44		7.75		4.83		3.69		5.51		3.05		3.35		68.64	
Osceola	5.41	+0.26	2.29	−1.43	7.69	+2.27	13.09	+8.83	13.34	+8.56	3.58	+0.12	2.57	−0.99	9.57	+6.74	2.79	+0.13	4.15	+1.90	4.09	+0.04	2.34	−1.81	71.71	+24.62
Ozark	7.68	+5.19	1.73	−0.82			13.99	+9.45	4.37	−1.17	10.19	+5.92	6.02	+2.67	7.80	+3.74	4.00	+1.01	4.43	+1.58	2.28	−0.90	9.88	+6.64		
Paragould									9.34		9.25		5.62		3.49		3.46		2.37		4.59		2.17			
Paterson	6.03	+1.36	2.85	−0.14	6.82	−0.29	14.10	+7.79	5.95	+1.28	5.35	+1.25	5.99	+2.83	5.45	+2.72	1.11	−1.65	2.33	−1.86	5.53	+0.48	2.62	−1.38	63.62	+12.39
Piggott																			3.01		4.66		3.07			
Pindall	6.40		2.01		4.53		13.63		7.84		3.64		8.63		6.84		4.77		8.16		3.30		7.23		76.98	
Pine Bluff	5.44	+0.46	1.73	−2.27	8.04	+2.53	10.42	+4.92	5.70	+1.12	10.18	+6.31	3.36	−0.16	3.46	+0.12	3.02	−0.59	1.21	−1.40	3.85	+0.34	5.29	+0.32	61.70	+10.96
Pocahontas	8.85	+4.61	2.98	−0.29	7.36	+2.71	11.41	+6.63	9.80	+5.31	6.90	+2.95	5.65	+1.13	7.43	+2.87	3.57	−0.01	2.52	−0.30	4.12	+0.61	2.31	−1.33	72.90	+24.89
Portland	1.98	−3.07	2.99	−1.30	10.98	+4.82	9.43	+4.13	5.91	−0.43	3.08	−1.06	2.44	−2.06	2.81	−1.16	3.60	+0.85	0.82	−1.92	2.66	−0.94	4.21	−1.29	50.01	− 3.43
Prescott	2.50	−1.84	2.07	−1.45	6.95	+2.34	10.08	+4.69	3.63	−1.37	9.40	+5.66	4.69	+1.57	4.70	+1.32	4.56	+1.58	1.70	−0.79	2.85	−0.64	5.10	+0.99	58.23	+12.06
Princeton	6.81	+2.52	2.41	−1.43	9.91	+4.79	12.12	+6.60	3.86	−1.33	9.05	+4.90	1.24	−3.15	2.52	−0.82	6.23	+2.90	1.44	−1.34	2.49	−1.47	3.49	−1.85	61.57	−10.32
Rison	3.20	−2.14	3.45	+0.31	8.91	+3.60	10.79	+6.22	2.99	−0.66	9.50	+5.55	2.90	−0.40	2.51	−0.86	3.39	+0.62	1.02	−1.86	1.69	−1.69	2.50	−1.21	52.85	+ 6.88
Rogers	4.13	+1.67	1.85	−0.03	5.06	+1.47	9.98	+5.63	4.74	−0.44	6.38	+1.77	6.87	+2.76	6.89	+3.33	4.41	+0.91	2.62	−0.19	3.68	+0.75	3.26	−0.96	59.87	+18.59
St. Francis																							3.07			
Searcy	5.11	+0.93	2.66	−0.89	4.26	−1.21	11.53	+6.09	4.13	−0.72	8.59	+5.09	2.11	−0.38	8.05	+4.32	1.90	−1.39	1.88	−1.31	4.45	−1.03	2.01	−2.71	56.68	+ 6.79
Springbank	3.85	−0.15	2.61	−1.03	6.86	+2.07	10.26	+2.84	5.57	+1.33	4.15	−0.21	6.96	+3.38	4.27	−0.08	2.92	−0.38	3.60	+0.54	1.25	−2.22	3.00	−1.85	55.33	+ 4.40
Story	5.20		1.97		7.52		23.80		3.52		7.94		2.86		3.81		1.59		2.99		2.73		2.88		66.81	
Stuttgart	5.52	+0.61	5.52	+1.91	9.35	+3.58	8.27	+3.05	6.35	+1.66	5.76	+1.65	4.60	+0.72	5.46	+1.88	2.46	−0.98	2.41	−0.52	6.04	+2.05	4.61	−0.10	66.35	+15.51
Subiaco	6.39	+3.29	1.91	−0.78	8.03	+5.22	17.02	+12.74	7.48	+1.90	5.77	+1.80	2.86	−0.52	8.80	+4.92	1.81	−1.43	7.08	+3.99	2.20	−0.92				
Texarkana	3.28	+0.04	5.96	+3.02	4.56	+0.37	8.26	+3.03	4.61	+0.51	5.31	+1.68	4.08	+0.66	2.78	−0.42	5.33	−2.60	2.57	−0.14	2.15	−1.00	3.79	+0.26	52.68	+10.61
Thornburg	4.79		1.23		7.62		16.63		10.68		9.98		1.35		9.62		1.58		4.15		2.05		1.18		70.86	
Waldron	6.55		2.87		4.02		13.69		4.59		8.11		3.23		4.45		1.56		4.62		1.84		4.10		59.13	
Warren	2.19	−2.36	4.30	+0.02	8.63	+3.05	10.40	+5.05	3.57	−1.02	5.65	+1.67	3.87	+0.41	2.06	−2.14	8.13	+3.95	0.90	−2.59	2.34	−1.63	2.75	−2.68	54.79	+ 1.76
Waters	6.00		2.83		8.66		16.73		6.91		6.10		4.65		2.33		1.60		5.34		3.15		3.66		67.96	
Whitecliffs	3.26	+0.14	2.38	−0.64	9.02	+4.83	9.18	+3.07	2.48	−2.42	7.10	+3.59	2.59	+0.45	0.84	−2.57	2.52	−0.07	2.75	−0.23	2.32	−0.61	5.75	+1.86	50.00	+ 7.40
Wilson	6.03		3.02		10.15		11.75		9.94		3.49		4.74		4.82		1.48		4.48		5.87		2.25		68.02	
Wynne	6.87	+2.12	1.79	−1.75	10.88	+5.88	20.34	+14.75	5.90	+1.44	3.01	−0.54	2.36	−1.42	4.75	+0.59	1.87	−1.56	3.80	−0.09	7.67	+4.02	3.31	−1.45	72.37	+21.99
Yancopin	2.68		2.48		15.70		8.08		6.56		7.24		4.40		8.48		5.07		1.63		6.03		3.13		71.48	

Departures from the normal precipitation are based on records of ten or more years.



ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
BENTON
CARROLL
BOONE
MARION
BAXTER
FULTON
RANDOLPH
CLAY
GREENE
LAWRENCE
SHARP
IZARD
CRAIGHEAD
MISSISSIPPI
POINSETT
CRITTENDEN
CROSS
ST. FRANCIS
LEE
PHILLIPS
MONROE
WOODRUFF
JACKSON
INDEPENDENCE
STONE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
VAN BUREN
CLEBURNE
WHITE
PRAIRIE
LONOKE
ARKANSAS
FAULKNER
CONWAY
LOGAN
SEBASTIAN
SCOTT
YELL
PERRY
PULASKI
SALINE
JEFFERSON
LINCOLN
DESHA
DREW
CHICOT
ASHLEY
BRADLEY
CLEVELAND
GRANT
HOT SPRING
GARLAND
MONTGOMERY
POLK
HOWARD
PIKE
CLARK
DALLAS
CALHOUN
OUACHITA
NEVADA
HEMPSTEAD
SEVIER
LITTLE RIVER
MILLER
LAFAYETTE
COLUMBIA
UNION
Gravette
Bentonville
Rogers
Fayetteville
Lincoln
Eureka Springs
Harrison
Dodd City
Mountain Home
Mammoth Springs
Hardy
Pocahontas
Corning
Black Rock
Evening Shade
Calico Rock
Batesville
Newport
Jonesboro
Osceola
Marked Tree
Wynne
Marianna
Helena
Brinkley
Clarendon
Stuttgart
Snow Lake
Dumas
Arkansas City
Portland
Patterson
Searcy
Georgetown
Dam No. 1
Heber Springs
Arlberg
Marshall
Dutton
Ozark
Subiaco
Dardanelle
Morrilton
Conway
Little Rock
England
Pine Bluff
Rison
Warren
Hamburg
El Dorado
Junction
Magnolia
Camden
Princeton
Sheridan
Malvern
Hot Springs
Arkadelphia
Amity
Murfreesboro
Prescott
Hope
Fulton
Texarkana
Spring Bank
White Cliffs
Grannis
Mena
Mount Ida
Waldron
Booneville
Danville
Umphers
Fort Smith
Mississippi River
White River
Arkansas River
Ouachita River
Red River
Wilson
Spring Bank
90 91 92 93 94 95
36 35 33



SCALE OF SHADES — IN INCHES.

Less than 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	G. C. Thrash	De Valls Bluff	H. G. Pate	Lambrook	Gerard B. Lambert Co.	Pocahontas	Benedictine Sisters
Arkadelphia	W. K. Brown	Dumas	Ben Johnson	Lead Hill	J. H. Crosswhite	Portland	W. E. Edmiston
Arkansas City	Carl R. Cutting	Dutton	J. M. Ricketts	Little Rock	U. S. Weather Bureau	Prescott	C. D. Calhoun
Arlberg	J. D. Reeves	Eagleton	U. S. Forest Service	Lurton	I. C. Sutton	Princeton	Mrs. F. P. Coleman
Baresville	Mrs. Lelia I. Teter	El Dorado	J. J. Babb	Lutherville	H. G. Lenhardt	Rison	Mrs. M. V. Tisdale
Bee Branch	I. E. Scanlan	England	Dr. R. H. Hardin	Magnolia	State Agr. School	Rogers	Carl A. Starck
Bentonville	U. S. Weather Bureau	Eureka Springs	Geo. W. Nichoalds	Malvern	Mrs. W. L. Matthews	St. Francis	S. T. Rooney
Black Rock	Vernon C. Howe	Fayetteville	University of Ark	Mammoth Spring	W. C. Gregg	Searcy	J. T. Bell
Blytheville	J. Mell Brooks	Fort Smith	U. S. Weather Bureau	Marianna	C. N. Houck	Springbank	Miss Grace Field
Booneville	F. H. Randolph	Freeman Springs	J. R. Mc Cuiston	Marked Tree	Chas. W. Walton	Story	S. C. Story
Brinkley	Robt. J. Torry	Fulton	T. J. Logan	Marshall	A. J. Parks	Stuttgart	A. F. Buerkle
Calico Rock	W. J. Copp	Georgetown	W. R. Owens	Mena	E. W. St John	Subiaco	New Subiaco Abbey
Camden	A. B. Quarterman	Gilbert	Ben. F. Battenfield	Morrillton	John Cook	Texarkana	H. S. Brashear
Center Point	John C. Floyd	Gravette	A. F. Stevens	Mount Ida	B. S. Halbert	Thornburg	Edward E. Holmes
Clarendon	J. W. Bishop	Harrison	G. L. Wright	Newport	G. A. Whittington	Waldron	Dr. Cheves Bevill
Clinton	A. L. Stephens	Helena	James A. Burnett	Oden	A. C. Wilkerson	Warren	W. L. Shide
Cold Springs	U. S. Forest Service	Higden	George W. Baker	Osceola	U. S. Forest Service	Waters	J. R. Huddleston
Conway	E. E. Cordrey	Hope	N. P. O'Neal	Ozark	June Thomason	Whitecliffs	Miss N. O. Schirmer
Corning	Winfred D. Polk	Hot Springs	Geo. C. Bolton	Paragould	Isham Burrow	Wilson	V. B. Rakestraw
Corning (River)	Henry Stafford	Huttig	J. L. Collett	Patterson	W. R. Heagler	Wynne	E. O. Allen
Cotter	J. O. Linck	Index	H. G. Sanderson	Piggott	W. E. Baker	Yancopin	W. E. Barton
Dam No. 1	J. O. Yingling	Jessieville	U. S. Forest Service	Pindall	V. C. Wright		
Danville	C. P. Evans	Jonesboro	Benedictine Sisters	Pine Bluff	W. W. Wood		
Dardanelle	G. N. Goodier, Jr.	Junction	J. A. Lowderback		Miss Theresa Scheu		

EXCESSIVE PRECIPITATION FOR 1927

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated											
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
Apr. 8	12:20 p.m.	2:15 p.m.	0.72	12:25 p.m.	1:02 p.m.	0.01	0.09	0.23	0.38	0.47	0.50	0.58	0.66	0.69	.....	.....	.....	.....	.....	.....
Apr. 17	6:46 p.m.	[b]7:05 a.m.	1.68	10:57 p.m.	11:11 p.m.	0.32	0.19	0.35	0.39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 6	7:25 a.m.	9:15 a.m.	0.85	7:38 a.m.	8:21 a.m.	0.01	0.12	0.23	0.36	0.43	0.49	0.54	0.59	0.68	0.73	.....	.....	.....	.....	.....
May 9	6:37 a.m.	10:05 a.m.	1.51	8:04 a.m.	9:12 a.m.	0.16	0.14	0.32	0.33	0.37	0.45	0.47	0.50	0.58	0.67	0.70	1.01	1.24	.....	.....
May 19	D.N.a.m.	8:30 a.m.	1.28	2:57 a.m.	3:09 a.m.	0.06	0.16	0.31	0.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 24	3:14 p.m.	4:10 p.m.	0.58	3:14 p.m.	3:37 p.m.	0.00	0.11	0.18	0.32	0.41	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 1	9:30 p.m.	[b]D.N. a.m.	0.75	9:34 p.m.	9:52 p.m.	0.01	0.19	0.31	0.47	0.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 13	10:14 p.m.	[b]10:40 a.m.	2.23	10:14 p.m.	10:28 p.m.	0.00	0.20	0.46	0.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 14	10:14 p.m.	[b]10:40 a.m.	2.23	[b]12:28 a.m.	[b]12:39 a.m.	0.80	0.20	0.44	0.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 18	10:49 a.m.	11:50 a.m.	0.48	10:49 a.m.	11:09 a.m.	0.00	0.11	0.29	0.39	0.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 20	5:30 a.m.	3:20 p.m.	2.23	5:40 a.m.	6:14 a.m.	0.03	0.06	0.13	0.30	0.42	0.54	0.64	0.69	.....	.....	.....	.....	.....	.....	.....
Aug. 8	1:50 p.m.	[b]D.N. a.m.	1.70	8:20 p.m.	9:11 p.m.	0.01	0.14	0.36	0.51	0.57	0.61	0.65	0.88	1.07	1.20	1.28	1.32	.....	.....	.....
Aug. 10	10:10 a.m.	11:15 a.m.	0.77	10:17 a.m.	10:45 a.m.	0.01	0.06	0.18	0.31	0.53	0.68	0.72	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 27	5:30 a.m.	7:30 p.m.	2.64	6:02 a.m.	6:16 a.m.	0.14	0.12	0.33	0.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 27	5:30 a.m.	7:30 p.m.	2.64	4:39 p.m.	5:07 p.m.	2.00	0.06	0.19	0.31	0.40	0.48	0.52	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 15	D.N.a.m.	D.N.a.m.	2.04	2:20 a.m.	3:18 a.m.	0.61	0.06	0.18	0.38	0.56	0.71	0.84	0.95	1.11	1.14	1.15	1.37	.....	.....	.....
Dec. 12-13	5:30 p.m.	10:01 a.m.	5.74	1:40 p.m.	12:37 a.m.	1.13	0.07	0.14	0.23	0.25	0.29	0.34	0.41	0.57	0.72	0.78	0.92	.....	.....	.....
Dec. 13	[a]5:30 p.m.	10:01 a.m.	5.74	3:01 a.m.	5:41 a.m.	2.73	0.07	0.19	0.27	0.30	0.43	0.52	0.56	0.59	0.63	0.70	.....	.....	.....	.....
Dec. 13	.....	.....	.....	.....	.....	.....	0.73	0.74	0.75	0.86	0.93	0.99	1.05	1.11	1.17	1.25	.....	.....	.....	.....
Dec. 13	.....	.....	.....	.....	.....	.....	1.36	1.46	1.50	1.51	1.52	1.56	1.64	1.70	1.80	1.93	2.10	.....	.....	.....
Dec. 13	10:23 a.m.	12:50 a.m.	0.66	11:07 a.m.	11:18 a.m.	0.03	0.16	0.35	0.39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
LITTLE ROCK, ARK.																				
Mar. 6-7	11:05 p.m.	D.N. a.m.	1.72	12:14 a.m.	12:57 a.m.	0.15	0.06	0.15	0.19	0.29	0.36	0.42	0.54	0.75	0.82	.....	.....	.....	.....	.....
Apr. 14	9:15 a.m.	D.N. p.m.	3.09	2:25 p.m.	2:39 p.m.	0.86	0.21	0.40	0.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 20	D.N.a.m	9:20 a.m.	5.09	3:03 a.m.	3:27 a.m.	0.09	0.07	0.14	0.19	0.31	0.37	0.46	0.58	.....	.....	.....	.....	.....	.....	.....
Apr. 20	D.N.a.m.	9:20 a.m.	5.09	4:29 a.m.	5:19 a.m.	0.80	0.12	0.22	0.38	0.45	0.53	0.60	0.75	1.00	1.14	1.44	.....	.....	.....	.....
Apr. 20	.....	.....	.....	5:19 a.m.	6:09 a.m.	.....	1.55	1.59	1.70	1.80	1.82	1.84	1.89	1.95	1.97	2.15	.....	.....	.....	.....
Apr. 20	.....	.....	.....	6:09 a.m.	6:34 a.m.	.....	2.73	2.99	3.09	3.13	3.18	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr 20	D.N.a.m.	9:20 a.m.	5.09	7:23 a.m.	7:43 a.m.	4.06	0.11	0.32	0.67	0.77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 20	10:27 a.m.	4:45 p m.	2.25	10:33 a.m.	11:23 a.m.	0.01	0.16	0.22	0.32	0.36	0.39	0.41	0.61	0.87	0.99	1.04	1.09	1.34	1.61	1.73
May 19	6:30 a.m.	11:45 a.m	0.93	7:32 a.m.	7:46 a.m.	0.15	0.10	0.31	0.37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 22	12:40 p.m.	3:30 p.m.	1.54	1:06 p.m.	1:39 p.m.	0.02	0.19	0.45	0.64	0.80	0.83	0.97	1.04	.....	.....	.....	.....	.....	.....	.....
May 24	6:30 p.m.	8:30 p.m.	1.09	7:16 p.m.	7:42 p.m.	0.12	0.07	0.24	0.38	0.65	0.89	0.93	.....	.....	.....	.....	.....	.....	.....	.....
June 1	3:25 p.m.	8:10 p.m.	0.92	3:49 p.m.	4:15 p.m.	0.07	0.09	0.27	0.39	0.48	0.57	0.61	.....	.....	.....	.....	.....	.....	.....	.....
June 20	6:15 p.m.	[b]D.N.a.m.	1.84	6:48 p.m.	6:58 p.m.	0.05	0.18	0.37	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 20-21	6:15 p.m.	D.N.a.m.	1.84	11:13 p.m.	11:42 p.m.	0.84	0.13	0.20	0.29	0.46	0.57	0.63	.....	.....	.....	.....	.....	.....	.....	.....
July 14	1:32 p.m.	1:50 p.m.	0.29	1:37 p m.	1:44 p.m.	0 01	0.22	0.28	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 3	1:30 p.m.	2:10 p.m.	1.64	1:33 p m.	2:06 p.m.	0.01	0.15	0.37	0.72	0.88	1.14	1.48	1.63	.....	.....	.....	.....	.....	.....	.....
Aug. 5	7:45 a.m.	9:45 a.m.	1.33	8:09 a.m.	8:42 a.m.	0.03	0.05	0.17	0.36	0.53	1 01	1.21	1.29	.....	.....	.....	.....	.....	.....	.....
Aug. 11	D.N.a.m.	D.N.a.m	0.69	12:48 a.m.	1:08 a.m.	0.16	0.10	0 28	0 42	0.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 15	D.N.a.m.	D.N.a m.	1.19	1:46 a.m.	2:27 a.m.	0 03	0.08	0.19	0.37	0.67	0.82	0.90	1.01	1.11	1.15	.....	.....	.....	.....	.....
Aug. 23	1:31 p.m.	2:10 p.m.	0.94	1:37 p.m.	1:53 p.m.	0.01	0.22	0.52	0.86	0.92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 7	D.N. a.m.	9:40 a m.	0.78	4:54 a.m	5:05 a.m.	0.04	0.30	0.38	0.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 7-8	D.N. p.m.	D.N.a m.	1.61	12:54 a.m.	1:15 a.m.	0.11	0.16	0.40	0.53	0.73	0.78	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 9	D.N. a.m.	7:00 a.m.	1.21	5:13 a.m.	6:08 a.m.	0.29	0.13	0.29	0.38	0 42	0.44	0.46	0.47	0.48	0.64	0.76	0.86	.....	.....	.....
Nov. 11	4:25 p.m.	6:35 p.m.	0.68	4:58 p.m.	5:10 p.m.	0.05	0.05	0.20	0.37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 15	D.N. a.m.	1:20 p.m.	3.49	6:38 a.m.	8:37 a.m.	0.02	0.11	0.18	0.25	0 33	0.38	0.48	0.62	0.65	0.77	0.88	1.25	1.80	2.36	3.01
Memphis, Tenn.																				
Mar. 11	4:40 p.m.	[b]4:55 p.m.	5.84	9:15 p.m.	9:25 p.m.	1.33	0.19	0.41	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 12	[a]4:40 p.m.	4:55 p.m.	5.84	4:59 a.m.	5:58 a.m.	3.74	0.06	0.12	0.19	0.25	0.27	0.41	0.50	0.60	0.62	0.68	0.84	.....	.....	.....
Mar. 18	7:50 a.m.	1:30 p.m.	1.28	8:52 a.m.	9:03 a.m.	0.04	0.14	0.34	0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 18	7:50 a.m.	1:30 p.m.	1.28	10:35 a.m.	10:55 a.m.	0.55	0.09	0.16	0.29	0.48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 8	1:16 p.m'	4:45 p.m.	0.50	1:30 p.m.	1:38 p.m.	0.01	0.27	0.34	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 15	10:30 a.m.	[b]D.N.a.m.	3.80	11:42 a.m.	11:52 a.m.	0.04	0.22	0.38	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 15	10:30 a.m.	[b]D.N. a.m.	3.80	1:48 p.m.	3:04 p.m.	0.62	0.18	0.35	0.42	0 44	0.50	0.59	0.62	0.66	0.69	0.72	1.02	1.38	.....	.....
Apr. 20	D.N.a.m.	9:00 a.m.	3.19	2:46 a.m.	3:02 a.m.	0.02	0.18	0 28	0.40	0 42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 20	D.N.a.m.	9:00 a m.	3.19	4:15 a.m.	5:46 a.m.	0.62	0.19	0.28	0.51	0.59	0.62	0.83	0.90	0.99	1.06	1.21	1.44	1.81	2.02	.....
Apr. 20	11:45 a.m.	8:00 p.m.	1.64	12:25 p.m.	12:39 p.m.	0.06	0.15	0.28	0.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 5	1:05 p.m.	4:00 p.m.	0.45	2:43 p.m.	2:54 p.m.	0.08	0.16	0.34	0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 6	[a]D.N.p.m.	1:50 p.m.	1.86	10:59 a.m.	11:51 a.m.	0.47	0.21	0.37	0.53	0.64	0.77	0.92	1.01	1.06	1.10	1.17	1.25	.....	.....	.....
May 24	8:45 p.m	D.N.p.m.	1.34	9:26 p.m.	10:17 p.m.	0.10	0.08	0.29	0.57	0.74	0.81	0.88	0.91	0.96	1.05	1.15	1.20	.....	.....	.....
June 20	1:54 p.m.	3:50 p.m.	0.85	1:56 p.m.	2:07 p m.	0.01	0.20	0 73	0.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 16	8:40 a.m.	11:40 a.m.	0.42	8:42 a.m.	8:50 a.m.	0.01	0 15	0.30	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 30	5:15 p.m.	8:25 p.m.	0.46	7:28 p.m.	7:37 p.m.	0.04	0.16	0.40	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 7	1:20 p.m.	3:40 p.m.	0 70	2:22 p.m.	2:55 p.m.	0.01	0 13	0.28	0.40	0.48	0.53	0.61	0.66	.....	.....	.....	.....	.....	.....	.....
Sept. 18	1:20 p.m.	2:50 p.m.	0.83	1:25 p.m.	1:50 p.m.	0.01	0.15	0 36	0.58	0.70	0.77	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 7	9:24 a.m.	11:45 a.m.	1.24	9:48 a.m.	10:23 a.m.	0.18	0.16	0.37	0.49	0.62	0 72	0.77	0.84	.....	.....	.....	.....	.....	.....	.....
Nov. 8	[a]D.N.p.m.	D.N. a.m.	2.06	3:15 a.m.	3:56 a.m.	0.84	0.09	0.28	0.37	0.51	0 64	0.77	0.99	1.11	1.14	.....	.....	.....	.....	.....
Nov. 11	7:42 p.m.	10:10 p.m.	0.74	8:16 p.m.	8:46 p.m.	0.07	0.10	0.16	0.22	0.34	0.48	0.59	.....	.....	.....	.....	.....	.....	.....	.....

[a] On preceding day. [b] On following day.

MISCELLANEOUS PHENOMENA, 1927

Number of reports and number of days on which reported

Month	Hail, moderate		Hail, heavy		Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Solar Halos		LunarHalos		Light Haze		Killed by Lightning
	Reports	Days with	Reports	Days with	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Dates	Killed	Injured	Damage	Reports	Days	Reports	Days	Reports	Days	
January	.....	.....	.....	.....	83	9	29	12	.....	.....	25	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	.....
February	.....	.....	.....	.....	63	9	17	10	.....	.....	*	*	.....	.....	.....	.....	.....	.....	.....	.....	6	5	3	3	.....	.....	.....
March	.....	.....	10	3	263	24	1	1	.....	.....	‡	3	.....	.....	.....	7-6	17-18	12-24	25-100	§	3	3	.....	.....	.....	.....	.....
April	2	2	1	1	441	25	8	5	.....	.....	.....	.....	2	2	slight	1-1	12-14	2-0	13-2	$100000-1000	1	1	.....	.....	.....	.....	.....
May	2	2	2	2	306	27	1	1	.....	.....	.....	.....	.....	.....	.....	25	9	71	451	1224000	8	5	1	1	.....	.....	.....
June	.....	.....	.....	.....	315	24	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	8	.....	.....	.....	.....	.....
July	2	1	1	1	340	27	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	7	2	2	.....	...	.....
August	.....	.....	.....	.....	434	28	15	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	1	1	.....	.....	.....
September	.....	.....	.....	.....	310	21	17	11	.....	.....	.....	.....	‡	1	slight	5	29	1	20	85,000	.....	.....	.....	.....	.....	.....	.....
October	.....	.....	.....	.....	136	13	25	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	.....	.....	.....	137	16	10	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	3	3	.....	.....	.....
December	.....	.....	.....	.....	83	7	27	8	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	5	5	2	2	.....	.....	.....
Year	6	5	14	7	2817	230	154	77	.....	.....	.....	.....	.....	3	slight	45	6	110	611	1,910,000	44	39	13	13	.....	.....	.....

‡ Throughout State. ¶Several thousand dollars §Considerable on 17th. 500,000 on 18th. * Most sections 27th and 28th. some localities 10th and 18th.

1.05
AR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., JANUARY, 1928 No. 1

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during January were the positive temperature and negative precipitation departures. The mean temperature for the month, as determined from the records of 58 stations, was 42.7° which is 1.6° above normal, eight scattered stations showing negative departures, positive elsewhere. The highest monthly mean was 48.8° at Huttig and Rison, the lowest, 37.3° at Dutton, a difference of 11.5° between the the northwestern and the southern sections of the State. The highest temperature recorded was 90° at Dumas on the 11th, this being the highest January temperature on record in Arkansas. The lowest was 10° below zero at Lead Hill on the 3d.

The average precipitation for 89 stations was 2.05 inches, which is 50% of the January normal. Positive departures occurred at four northwestern stations, negative elsewhere. The Monthly totals ranged from 0.50 inch at Whitecliffs to 4.60 inches at Huttig. An appreciable amount of snow fell at 26 stations averaging 0.6 inch. Precipitation was general on the 7th, 8th, 17th, 18th, and 19th while amounts were light and scattered other days. The smaller streams of the State showed sharp rises about the 19th to the 21st, while the larger maintained a moderate stream flow throughout the month.

A severe cold wave overspreading the State on the 1st, 2d, and 3d, brought temperatures 10° below zero in the northern border counties, and 7° to 10° to the southern border. All farm work was stopped and oats, winter truck, and late sown alfalfa were damaged in many localities. Temperatures returned to normal about the 7th and thereafter were normal or above until the last decade when near or slightly below. Outside of the first week, the weather during most of the month was favorable for outdoor work and winter crops. Some plowing was done in most localities, especially in southern and central sections. Fruit trees and grapes were pruned and some dormant spraying done.

W.C.H.

Corrections:, 1927

November. Hope, maximum temperature should be 88° on 29th.
December. Fayetteville prevailing wind direction should be s. Huttig mean maximum temperature should be 60.4°; monthly mean 46.7°; departure from normal −2.1°. Mammoth Sprng prevailing wind direction should be nw. Marianna prevailing wind direction should be s. Prescott mean temperature should be 43.8°; departure −1.9°. Searcy prevailing wind direction should be s. Mountain Home, number of clear days should be 14, cloudy 17.
ANNUAL:—Mountain Home, number clear days should be 125z; cloudy 165z.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:—7th, 1; 16th, 1; 17th, 11; 18th, 5; 19th, 8; 23d, 2; 24th, 6; 27th, 1.

SOLAR HALOS:—1st, 1; 26th, 2.

LUNAR HALOS:—13th, 1; 28th, 1; 29th, 3.

DENSE FOG:—7th, 6; 8th, 2; 14th, 1; 16th, 8; 17th, 4; 18th, 3; 23d, 1.

Supplemental Precipitation Table

Stations	Counties	Elevation, feet	Length of record, years	Precipitation, inches: Total	Departure	Greatest in 24 hours	Total snow unmelted	Number of Days: Precip. .01 in. or more	Clear	Ptly. cldy.	Cloudy	Wind direction
Cold Springs	Scott	150	2	2.41	.....	1.56	0.0	3	13	12	6	sw
Eagleton	Scott	1000	2	3.03	.....	1.25	0.0	5	20	5	6	s
Jessieville	Garland	750	2	2.05	.....	1.30	0.0	4	18	8	5	s
Oden	Montgomery	800	2	1.94	.....	0.72	0.0	7	12	9	10	sw

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville	30.19	30.76	3	29.47	24	4,874	26	nw.	24	.....	.....	71
Fort Smith	30.20	30.73	3	29.49	24	5,069	39	w.	24	77	59	70
Little Rock	30.22	30.82	3	29.54	24	6,221	37	w.	24	69	54	67
Memphis	30.28	30.77	3	29.56	24	5,936	45	w.	24	70	56	60

COMPARATIVE DATA FOR JANUARY

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.1**		**86**		**-23**		**4.10**		**12**	**6**	**13**	**7**
1891	41.6	+0.5	71	26	13	13	5.34	+1.24	10	6	15	10
1892	34.7	−6.4	74	29	−14	19	2.48	−1.62	18	5	8	6
1893	38.5	−2.6	80	27	−13	19	1.13	−2.97	17	8	6	2
1894	43.5	+2.4	77	16	−22	24	3.63	−0.47	13	8	10	7
1895	36.9	−4.2	78	6	− 5	12	5.19	+1.09	9	6	16	8
1896	41.4	+0.3	78	31	4	4	4.09	−0.01	10	6	15	8
1897	38.9	−2.2	76	1	− 2	27	6.78	+2.68	13	5	13	8
1898	45.5	+4.4	81	10	10	2	7.93	+3.83	10	8	13	9
1899	39.3	−1.8	75	13	− 9	31	5.91	+1.81	12	6	13	7
1900	43.4	+2.3	78	24	1	29	2.69	−1.41	13	7	11	7
1901	46.6	+4.5	78	14	7	1	2.21	−1.89	16	7	8	5
1902	38.0	−3.1	79	9	2	26	4.13	+0.03	11	6	14	8
1903	40.2	−0.9	80	29	7	12	2.60	−1.50	13	8	10	6
1904	38.9	−2.2	75	20	− 5	26	3.81	−0.29	15	8	8	6
1905	33.3	−7.8	73	1	13	15	4.58	+0.48	12	8	11	6
1906	43.1	+2.0	82	18	− 2	23	5.19	+1.09	14	5	12	6
1907	49.2	+8.1	82	7	− 8	26	5.80	+1.70	8	7	16	11
1908	41.7	+0.6	78	2	6	16	3.75	−0.35	14	7	10	7
1909	43.8	+2.7	82	25	−19	12	1.79	−2.31	4	7	20	6
1910	41.8	+0.7	78	1	− 7	7	2.59	−1.51	16	6	9	6
1911	47.6	+6.5	86	31	− 9	3	1.02	−3.08	8	10	13	6
1912	34.3	−6.8	79	26	−16	7	3.01	−1.09	13	10	8	6
1913	44.0	+2.9	78	5	− 1	8	8.45	+4.35	12	7	12	10
1914	46.6	+5.5	82	19	7	31	1.57	−2.53	13	9	9	4
1915	39.3	−1.8	74	14	− 3	28	4.38	+0.28	10	6	15	8
1916	44.3	+3.2	82	11	− 6	14	9.39	+5.29	8	4	19	12
1917	44.0	+2.9	82	29	− 4	14	3.66	−0.44	11	5	15	7
1918	27.3	−13.8	80	25	−23	13	4.39	+0.29	13	4	14	5
1919	41.4	+0.3	75	13	− 3	4	3.00	−1.10	16	5	10	6
1920	39.6	−1.5	82	20	11	4	6.49	+2.39	12	4	15	8
1921	46.9	+5.8	85	29	6	14	2.07	−2.03	11	6	14	6
1922	39.1	−2.0	74	4	4	19	2.63	−1.47	8	5	18	7
1923	48.6	+7.5	80	14	15	23	5.78	+1.68	14	5	12	9
1924	36.1	−5.0	79	31	− 6	5	3.39	−0.91	15	3	13	7
1925	40.8	−0.3	76	6	− 4	28	2.63	−1.42	14	4	13	8
1926	40.5	−0.6	77	20	−17	23	4.69	+0.59	13	6	12	7
1927	42.6	+1.5	90	27	+ 1	15	5.41	+1.31	14	3	14	10
1928	42.7	+1.6	90	11	+10	3	2.05	−2.05	16	6	9	5

Climatological Data for January, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	32	45.3	+2.2	72	12	7	1	47	0.90	−3.61	0.30	0.0	4	12	13	6	sw	G. C. Thrash
Arkadelphia	Clark	250	31								1.48	−2.49	1.05	0.0	4	15	8	8	s.	W. K. Brown
Arkansas City	Desha	145	43								1.00	−3.70	0.40	0.0	4	9	2	19		Carl R Cutting
Arlberg	Stone	700	5								3.6		1.63	1.1	5	18	6	7	ne.	J D. Reeves
Batesville	Independence	277	28	38.8	0.0	79	11	9	3†	52	3.95	+0.24	2.52	T.	4	23	1	7	sw.	Mrs Lelia I. Teter
Bee Branch	Van Buren	700	35	41.0	−0.3	73	11	2	1†	38	4.55	+0.45	2.00	0.5	6	19	3	9	sw.	J. E. Scanlan.
Bentonville	Benton	1303	22	39.7	+5.6	72	11	−5	1	31	1.34	−1.29	1.10	0.4	7	20	4	7	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	25								2.93	−1.37	0.91	0.5	6	15	3	13	s	Vernon C. Howe.
Blytheville	Mississippi	252	2	39.6		75	14†	−2	3	37	4.26		2.02	1.0	7	15	12	4	s.	J. M. Brooks
Booneville	Logan	465	13	43.6	+3.6	77	11†	2	1	44	2.65	−2.18	1.17	0.6	4	20	3	8	w.	F. H. Randolph
Brinkley	Monroe	205	40	43.0	+1.2	75	15	−2	3	37	1.72	−3.25	1.00	0.5	6	14	7	10	se.	R. J. Torry
Calico Rock	Izard	361	23	38.2	+2.2	79	13	−2	3†	55	1.36	−2.22	0.76	0.5	6	10	17	4	nw.	W.J. Copp
Camden	Ouachita	158	42	44.0	−0.9	77	11†	9	2†	47	1.35	−3.25	0.78	0.0	6	10	9	12	sw.	A. B. Quarterman
Center Point	Howard	470	28	45 5	+0.1	73	11	6	1	31	1.59	−2.15	0.90	0.0	4	13	9	9	s	John C. Floyd
Clarendon	Monroe	200	23								1.84	−2 50	0.90	0.5	5	12	3	16	s.	J. W. Bishop
Clinton	Van Buren	516	6								4.33		2.70	1.1	6	12	13	6	sw.	A. L. Stephens
Conway	Faulkner	309	44	42.6	+0.6	74	13	2	3	44	2.52	−1.73	0.78	0.8	6	22	5	4	s.	E. E Cordrey
Corning	Clay	293	34	40.0	+2.7	74	16	−7	3	41	2.20	−1.49	0.79	0.0	5	19	9	3	w.	Winfred D. Polk
Cotter	Marion	408	1								1.62		0.85	0.0	3	23	0	9		J. O. Linck
Dam No. 1	White	190	4								2.58		0.90	T.	5	20	2	9	nw.	J. O. Yingling
Danville	Yell	327	11								3.10	−0.29	1.10	0.0	4	22	4	5	w.	C. P. Evans
Dardanelle	Yell	330	41	43.5	+3.3	76	12†	4	1	39	2.83	−0 46	1.28	0.0	4	15	10	6	n.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	1								1.28		1.01	0 0	3	20	1	10		H. G Pate
Dumas	Desha	162	21	47.3	+4.3	90	11	9	3	52	0.75	−4 24	0.57	T.	2	10	7	14	s.	Ben Johnson.
Dutton	Madison	1590	24	37.3	+1.4	72	11†	−6	1	44	2.65	−1.27	1.02	T.	5	18	6	7	s.	J. M Ricketts
El Dorado	Union	270	26	47.0	+1.2	78	11	11	1†	38	1.59	−1.60	0.69	0 0	5	11	10	10	sw.	J. J. Babb.
England	Lonoke	229	20	43.6	+0.7	78	11	6	3*	40	1.28	−2.78	0.71	T.	4	19	5	7	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	27	42.0	+4.4	76	11	−6	1†	36	2.05	−1.93	1.16	0.8	7	22	2	7	s.	Geo. W. Nichoalds
Fayetteville	Washington	1451	40	40.8	+2.8	76	11	4	1*	37	1 54	−1.45	0.85	T.	6	19	7	5	s.	University of Arkansas
Fort Smith	Sebastian	457	46	42.9	+3.4	75	14	2	1	38	2 08	−0.46	1.59	0.0	5	16	6	9	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	8								2.29		1.32	T.	4	23	0	8	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41								1 85	−2.24	1.33	0.0	4	15	6	10		T. J. Logan
Georgetown	White	200	15								1 54	−3.95	0.85	1.5	5	14	5	12	n	W. R Owens.
Gilbert	Searcy	675	4								1.50		1.03	0.5	5	17	8	6		Ben F. Battenfield
Gravette	Benton	1250	30	39.8	+3.1	77	15	−5	1*	34	2.01	−0.49	1.33	2.0	4	16	9	6	sw.	A. F. Stevens
Harrison	Boone	1052	26	41.0	+4.6	78	12†	−7	3	48	3,58	+0.69	1.48	0.0	4	21	4	6		G. L Wright
Helena	Phillips	193	55	42.6	−0.4	72	13	6	3	37	1.35	−4.02	0.32	0.4	3	15	3	13	s.	James A. Burnett
Higden	Cleburne	445	9								4.60		2.36	0.4	6	16	5	11	s.	Geo. W. Baker
Hope	Hempstead	377	56	47.8	+2.4	88	11	8	1*	50	1.68	−3.30	0.90	0.0	6	20	3	8	s.	N. P. O' Neal
Hot Springs	Garland	600	35	44.6	+1.5	74	16	6	1†	36	2.07	−2.69	0 95	0.0	5	15	5	11		G. C. Bolton
Huttig	Union	175	20	48.8	+0.6	79	12	10	2†	47	1.56	−2.91	1 28	0.0	2	14	6	11	n	E. L. Collett
Index	Little River	275	2								0 53		0.30	0.0	4	12	6	13		H. D Sanderson
Jonesboro	Craighead	346	52	39.9	−0.5	72	14	1	3*	39	3.23	−2 00	1.96	0.2	6	20	4	7	ne.	Benedictine Sisters
Junction	Union	182	30	47.4	+1.8	78	18	10	2	41	1.83	−2 07	0.79	0.0	3	18	5	8	n.	J. A. Lowderback
Lambrook	Phillips	155	4	41.6		74	16	5	3	40	0.86		0.98	0.0	6	14	8	14		Mrs. D. C. White
Lead Hill	Boone	650	1	38.6		76	13†	−10	3	48	2.07		0.90	0.5	5	20	6	5	sw.	J. H. Crosswhite
Little Rock	Pulaski	357	48	43.8	+2.4	76	11	5	1	33	1.18	−3.61	0.87	T.	7	15	8	8	s	U. S. Weather Bureau
Lurton	Newton	2100	2	38.8		74	13	−6	1	26	2.41		1.32	0.0	6	21	4	6	s.	L. C. Sutton
Lutherville	Johnson	775	29	41.2	+1.2	73	14	−2	3	31	3.96	+0.52	1.76	T.	5	18	5	8	w.	H G. Lenhardt
Magnolia	Columbia	315	8	47.1		78	15	9	1	39	0.98		0.55	0.0	4	15	7	7	ne.	State Agri. School
Malvern	Hot Springs	277	40	43.6	+0.4	77	16	7	1†	44	1.66	−3.83	0.90	0.5	5	20	4	7	s	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	22	42.2	+5.4	75	12†	11	1	45	1.83	−1.56	1.02	0.5	5	16	4	11	sw.	W. C Gregg
Marianna	Lee	235	15	43.7	+2.5	75	11†	9	3	37	1.79	−2.99	0.56	T.	7	16	9	6	s.	C. N. Houck
Marked Tree	Poinsett	229	22	37.6	−1.5	71	10	1	2†	39	2.41	−3.08	0 66	0.3	6	12	12	7	n.	Charles Walton
Marshall	Searcy	1070	18	40.6	+2.4	76	15	−8	3	42	1.48	−2.36	1.11	0.5	4	21	2	8	sw.	A. J. Parks
Mena	Polk	1186	39	43.4	+2.1	75	11	2	1	53	1.50	−2 29	0 54	0.0	5	20	3	8	nw.	E. W. St. John
Morrilton	Conway	347	6	41.9		78	16	4	3	48	2.52		1.14	0.0	4	14	11	6	nw.	John Cook
Mount Ida	Baxter	800	13	42.0	+1.3	80	11	1	3	52	0.64	−3.67	0.35	0.0	4	16	8	7	sw.	B. S. Hulbert
Newport	Jackson	231	43	41.6	+2.4	75	11	1	3	42	2 77	−2.15	1.38	0.2	5	21	1	9	n.	A. C Wilkerson
Osceola	Mississippi	240	29	38.4	−1.4	78	13	−2	3	40	1.93	−3.22	0 79		5	19	6	6	s.	June Thomason
Ozark	Franklin	396	31	40.6	−0.4	76	14	2	1	45	2.12	−0.37	1 45	0.0	4	17	10	4	nw.	Isham Burrow
Paragould	Greene	301	11								4.49		1.61	0.6	5					W. R. Heggler
Patterson	Woodruff	196	1								2 56	−2.13	0.85	T.	5	20	2	9	s.	W E Baker
Piggot	Clay	307	3								2.10		0 56	0.2	9	10	11	10	sw.	V. C. Wright
Pindall	Searcy	500	5								2.12		0.88	0.3	4	20	3	8	nw.	W. W. Wood
Pine Bluff	Jefferson	1216	40	46 0	+2.9	88	13	9	1†	40	0.55	−4.49	0.28	0.0	4	17	3	11	n.	Miss Theresa Echen
Pocahontas	Randolph	300	34	39.6	+1.6	74	11†	1	1*	43	1.96	−2.28	0 90	0 1	5	14	10	7	n.	Benedictine Sisters
Portland	Ashley	122	21	47.4	+1.1	80	17	10	2	45	0 64	−4.41	0.36	T.	5	12	10	9	sw.	W. E Edmiston
Prescott	Nevada	329	39	44.0	+0.1	77	11	7	1†	43	1.85	−2.49	1.26	0.0	5	17	4	10	n.	C. D Calhoun
Princeton	Dallas	287	21								1 39	−2.90	0.97	0.0	4	17	2	12		Mrs. F. P. Coleman
Rison	Cleveland	243	26	48.8	+5.2	76	15	20	1	37	1.65	−3.69	0.95	0.0	3	12	8	11	nw.	Mrs M. V. Pisdal
Rogers	Benton	385	36	39.7	+2.8	73	14	−5	1	43	1.71	−0.75	1.46	0.5	5	20	4	7	s.	Carl A. Starck
Searcy	White	1286	18	40.4	0.0	74	16	−7	2	51	1.85	−2.33	0.61	1.0	5	19	0	12	s.	J. T. Bell
Springbank	Miller	240	20								1.40	−2.60	0 90	0.6	4	14	0	17		Miss Grace Field
Story	Montgomery	700	3								1.08		0.42	0.0	5	18	3	10	s	S C. Story
Stuttgart	Arkansas	228	40	44.2	+2.0	75	15	4	4	34	1.97	−2.94	1.07	0.0	7	18	6	7	se.	Adam F Buerkle
Subiaco	Logan	1050	28	43.6°	+2.2	78°	13	1	1	67°	4 44	+1.24	1.40	0.0	5	13°	10°	5°	s	New Subiaco Abbey
Texarkana	Miller	332	41	46.8	+0.6	81	11	7	1	47	1.36	−1.88	1.03	T.	3	15	6	10	n.	H S. Brashear
Thornburg	Perry	650	3	41.2		75	11	−2	3	46	2.20		0.78	T	7	17	6	8	s.	Edward E. Holmes
Waldron	Scott	675	8								2.72		1.47	0.0	4	18	3	10	nw	Dr. Cheves Bevill
Warren	Bradley	206	33	47.1	+2.2	75	14	10	2	34	1.20	−3.35	0.75	0.0	3	14	8	9	s.	W. L Shide
Waters	Montgomery	800	3								2.11		0.93	0.4	5	17	4	10	w.	J. R. Hugoleston
Whitecliffs	Little River	290	23								0.50	−2.62	0.35	0.0	2	15	1	15	nw.	Nannie O Schirmer
Wilson	Mississippi	237	2																	W. B. Rakestraw
Wynne	Cross	250	19	43.2	+1.0	74	11	3	3	37	1.38	−2.37	0.70	T.	6	18	3	10	s.	E. O. Allen
Yancopin	Desha	167	3								0.74		0.63	T.	4	11	6	14		W. E. Barton
State Means and Extremes				42.7	+1.6	90	11	−10	3	67	2 05	−2.05	2.70	0.6	5	16	6	9	s.	

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in Section means. T Less than 0.01 inch rain or melted snow. †Received too late to be included in means and summaries. Reference letters *, °, indicate number of days missing. Also on other dates ‡Post office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R.F.D. 3, Junction City, Ark.; Lutherville R.F.D No 1, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily River Stages for January, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.6	9.0	9.2	8.0	6.8	6.5	6.1	6.5	6.2	6.4	6.6	6.5	6.6	6.7	6.6	6.6	6.4	8.6	12.1	13.6	12.9	11.6	9.7	8.7	8.1	7.8	7.5	7.0	6.8	6.7	6.7
Ozark	do	22	7.3	7.6	6.0	5.3	4.8	4.0	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.9	3.0	2.9	2.8	4.4	7.9	11.0	10.4	9.1	7.4	6.0	4.7	4.0	3.9	3.8	3.5	3.3	3.1
Dardanelle	do	20	7.8	8.7	9.7	7.7	7.4	5.6	4.9	5.4	5.2	5.2	5.0	5.0	5.0	4.8	5.4	5.3	5.3	7.5	9.0	11.6	12.2	11.3	9.9	8.6	8.2	7.6	6.5	6.2	5.8	5.6	5.6
Morrillton	do	20	5.0	6.0	6.5	6.0	5.5	5.0	3.5	3.4	3.4	3.4	3.3	3.2	3.1	3.0	3.0	3.0	3.0	3.6	7.0	8.0	9.5	11.0	10.6	9.0	7.5	6.6	5.5	5.0	5.0	5.0	4.5
Little Rock	do	23	6.0	6.5	8.3	8.0	6.8	5.4	4.5	4.2	4.1	4.3	4.4	4.2	3.9	3.9	3.8	3.8	3.8	3.9	6.0	9.2	12.2	13.0	12.2	10.7	9.3	8.0	7.0	6.8	5.4	4.9	4.5
Pine Bluff	do	25	10.0	10.0	11.1	12.0	11.7	10.7	9.2	9.3	8.6	8.7	8.7	8.7	8.5	8.4	8.3	8.2	8.2	8.2	8.3	11.6	13.9	15.8	15.8	15.2	14.0	12.9	11.9	11.1	10.4	9.8	9.2
Yancopin	do	20	28.3	28.5	28.3	28.0	27.6	27.2	26.0	24.7	23.5	22.7	22.0	21.6	21.1	20.4	20.0	19.7	19.5	19.3	19.2	19.1	20.4	22.8	24.3	24.8	24.2	23.6	23.0	22.6	22.3	22.2	22.1
Danville	Petit Jean	20	6.3	6.3	6.2	5.9	5.8	5.8	5.8	6.3	6.3	6.2	6.2	6.1	6.0	5.8	5.8	5.7	7.1	11.2	20.1	21.8	21.5	18.9	15.5	13.1	11.4	10.3	9.4	9.1	8.4	7.9	7.8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	....	5.1	4.9	4.8	4.8	4.3	4.2	3.9	4.7	4.2	3.8	3.6	3.5	3.8	3.6	4.1	3.8	3.3	3.7	5.2	7.3	7.8	9.9	8.7	7.3	6.6	6.1	5.8	5.3	5.2	4.9	4.9
Calico Rock	....do	18	4.8	4.5	4.7	4.4	4.1	3.8	3.7	3.7	3.9	3.1	3.4	3.1	3.1	3.1	2.7	3.0	2.5	3.0	4.4	9.1	8.2	9.1	8.9	7.4	6.4	5.9	5.4	5.0	4.7	4.4	4.2
Batesville	....do	28	10.7	10.3	9.8	9.6	9.8	9.4	9.1	9.1	9.3	9.2	8.5	8.7	8.5	8.6	8.4	8.3	9.1	14.3	11.0	14.4	15.6	15.0	16.0	14.7	13.3	12.3	11.7	11.2	10.7	10.3	10.0
Newport	....do	26	17.7	17.0	16.5	15.2	14.0	13.0	11.8	10.4	9.9	10.0	9.4	8.8	8.4	8.0	7.7	7.3	7.3	9.8	14.7	14.6	16.8	17.4	17.8	18.2	17.5	16.4	15.1	14.0	13.6	11.8	11.1
Georgetown	....do	22	20.9	20.7	20.4	20.1	19.7	19.4	19.0	18.5	18.1	17.7	17.0	16.4	15.6	14.2	13.7	13.2	12.7	12.6	16.6	18.6	19.2	19.2	19.2	19.3	19.4	19.4	19.3	19.2	18.9	18.6	18.2
De Valls Bluff	....do	30	23.1	22.8	22.6	22.3	22.1	21.9	21.8	21.8	21.5	21.2	21.0	20.8	20.4	20.0	19.5	19.0	18.4	17.8	17.8	19.0	19.9	20.5	20.8	21.0	21.1	21.2	21.2	21.3	21.3	21.3	21.3
Clarendon	....do	30	28.3	28.0	27.7	27.5	27.2	26.9	26.7	26.5	26.3	26.0	25.7	25.4	25.0	24.6	24.2	23.7	23.2	22.7	22.3	22.2	22.4	22.7	23.0	23.4	23.8	24.1	24.4	24.6	24.8	25.0	25.0
Gilbert	Buffalo	11	5.2	5.1	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.4	4.4	4.4	5.0	8.2	7.6	6.8	6.4	6.0	5.8	5.7	5.5	5.4	5.3	5.2	5.1	5.0
Corning	Black	..	11.1	10.9	10.5	10.1	9.6	9.3	9.2	9.2	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.0	9.0	9.0	9.5	10.5	11.2	11.4	11.5	11.6	11.7	11.6	11.5	11.4	11.2	11.0	10.8
Black Rock	....do	14	14.0	12.7	11.0	10.0	8.7	7.9	7.6	7.8	7.6	7.5	7.3	7.0	6.8	6.6	6.3	6.1	6.0	7.3	7.5	9.4	10.5	10.7	10.7	10.3	9.8	9.4	9.0	8.9	8.7	8.5	8.4
Dam No. 1	Little Red	..	6.4	6.0	6.0	6.6	5.3	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.5	2.2	2.0	1.8	1.9	8.0	24.2	21.2	14.6	10.0	8.2	6.8	5.0	4.2	3.5	3.0	2.6	2.4	2.2
Patterson	Cache	9	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.4	6.4	6.5	6.7	7.0	7.3	7.4	7.7	8.1	8.5	9.0	9.5	9.6	9.4	9.1	8.7	8.2
Arkadelphia	Ouachita	18	1.8	1.6	2.2	2.6	3.4	3.0	2.8	2.8	3.8	4.0	3.8	3.3	3.6	3.4	3.5	1.8	2.8	3.0	3.2	3.2	3.5	3.5	3.3	2.8	2.8	2.6	2.4	2.2	2.2	1.5	1.2
Camden	....do	30	13.0	11.4	10.0	8.3	7.4	8.7	8.0	8.0	8.2	11.8	14.2	14.7	14.0	13.0	11.9	11.0	9.9	8.6	8.9	9.5	9.9	10.9	11.8	11.4	10.5	10.7	10.1	9.5	8.6	8.1	7.8
Fulton	Red	28	15.7	15.3	14.0	12.7	11.4	10.8	10.1	10.0	10.7	11.4	11.6	11.1	10.7	10.2	9.8	9.6	9.3	9.1	9.1	11.1	12.6	13.9	15.7	16.1	15.6	14.2	12.8	11.5	11.0	10.1	9.7
Springbank	....do	37	12.6	16.6	16.6	16.0	14.5	13.5	13.0	12.6	12.2	12.5	12.9	12.9	12.8	12.6	12.5	12.4	12.3	12.1	11.9	11.8	11.7	12.5	13.7	15.7	15.9	15.1	13.3	12.0	10.7	9.5	9.1
Whitecliffs	Little	28	11.5	11.0	9.8	8.4	5.2	5.0	4.6	5.0	5.4	7.6	7.8	7.0	6.8	5.7	5.0	4.4	3.6	3.3	4.5	15.6	17.0	17.4	16.2	10.8	8.9	8.9	8.7	6.7	5.4	4.8	4.3
Marked Tree	St. Francis	17	9.9	10.0	10.0	10.0	10.0	9.8	9.7	9.7	9.7	9.6	9.5	9.3	9.1	8.9	8.7	8.5	8.4	8.3	8.6	8.9	9.1	9.1	9.0	9.0	9.1	9.1	9.2	9.2	9.2	9.2	9.2
Helena	Mississippi	44	35.8	34.9	33.4	31.5	29.6	27.8	26.7	25.4	24.8	24.9	24.8	24.4	23.8	23.6	24.0	24.3	24.1	24.4	24.4	24.3	24.0	23.9	24.3	25.0	25.7	26.4	26.8	27.3	27.8	28.1	28.4
Arkansas City	do	48	40.1	40.2	40.1	39.5	38.4	37.5	36.3	35.0	33.8	32.8	32.0	31.5	31.0	30.4	30.0	29.7	29.7	29.6	29.5	29.3	29.2	29.2	29.7	30.5	31.0	31.4	31.8	32.0	32.2	32.4	32.6

Daily Precipitation for January, 1928

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita							.30	.30											.30													0.90
Arkadelphia	Ouachita							.06	1.05									.12		.25												.30	1.00
Arkansas City	Mississippi								.40											.20						10							3.60
Ashberg	White	1.10						.14										.58	1.63						.15								3.95
Batesville	White		T.						.78									.48	2.52	.17					T.								4.35
Bee Branch	Arkansas	.05						.65	.35								T.	1.30	2.00	.20													1.84
Bentonville ***	Arkansas	.02						.02	.01								.05	1.05	.14						.05							T.	2.93
Black Rock	White			.03				T.	.86									.94	.92	.15				T.							.10		4.26
Blytheville	Mississippi	.28		.10					.54									.18	2.02	1.04													2.05
Booneville	Arkansas							.13										1.18	1.17	.17												.14	1.72
Brinkley	White			.05					1.00									.05	10	38												T.	1.36
Calico Rock	White			.04				T.	.05									.12	.76	.35				T.	.04	T.						.24	1.35
Camden	Ouachita							.09	.78									.09	05	.10													1.59
Center Point	Red							.90	.41									.03	.25														
Clarendon	White			.03				T.	.90									43	T	.36				T.							T.	.92	1.84
Clinton	White		.10	.01				.39									.73	2 70	.40														4.33
Conway	Arkansas		.09					.77	.55									.78	.26				.07			.20							2.52
Corning	White			.11					.79									.38	.72														2.20
Cotter	White			T.				T.										.05	.72	.85													1.62
Dam No. 1	White			.23					.90								.24	.85	.36	T.													2.58
Danville	Arkansas								.61									1.10	.71	.68													3.10
Dardanelle	Arkansas								.76									.51	1.28	.28													2.83
De Valls Bluff	White		.02					T.	.05								T.	T.	T.	.25												T.	1.28
Dumas	Mississippi								1.01									.08	1.				T.	T.	.05						.57		0.75
Dutton	White		T.					.02									12	1.02	.54	.95					T.								2.65
El Dorado	Ouachita							.19	.69									.10		.17					T.							.44	1.59
England	Arkansas		T.	T.				.31	.71									.11	.15														1.28
Eureka Springs	White		.06					.03									.05	1 16	.22	.31					.22								2.05
Fayetteville	White							.04									.02	.85	.31	.30					.02								1.54
Fort Smith ***	Arkansas						T.	.05									.07	1.52	.43	01				T.									2.08
Freeman Sprgs	Arkansas			T.					.14									.48	1 32	.35				T.									2.29
Fulton	Red							.07	1.33										.10	.35												T.	1.85
Georgetown	White			.17					.85									.06	.27	.19													1.54
Gilbert	White			.01														12	1.03	.30					.04	T.							1.50
Gravette	Arkansas	T.	.50				T.	.03									T.	1.33	.15						T.								2.01
Harrison	White		1.00																1.48	1.00					.10								3.58
Helena	Mississippi			.02					.24									.30	.16	.28					.02	.01						.32	1.35
Higden	White		.05					.65									.23	1.25	2.36				.06										4.60
Hope	Red							.90	.35								.04	.05	.17	.17													1.68
Hot Springs	Ouachita							.03	.09								.30		.70	.95	T.												2.07
Hustig	Ouachita							.28												T.												1.28	1.66
Index	Red							.12	.02										.08	.30													0 53
Jonesboro	White		.02					.26	.36									.60	1.96	.04												T.	3.23
Lambrook	White		.03						.11								.15		.09	.20												.28	0.86
Lead Hill	White		.04				T.											.90	.34	.78					.01								2.07
Little Rock ***	Arkansas		T.					.86	.01								.06	.01	.15	.08				T.	.01								1.18
Lurton	White							.11	T.								.15	1.32	.48	.24					.11								2.41
Lutherville	Arkansas		T.					.27									.21	1.53	1.76	.19													3.96
Magnolia	Red							.30	.55									.08	.05														0.98
Malvern	Ouachita								.90									.23	.03	.15					.05								1.66
Mammoth Spg.	White		.05				T.	.13										.17	.46	1.02				T.	T						T.		1.88
Marianna	Mississippi							.22		56							.03	.37	.12	.27												.22		1.79
Marked Tree	Mississippi			.14					.57									.66	.49	.46													.06	2.41
Marshall	White		.05					T.										.24	1.11	.08			T		T.								1.48
Mena	Ouachita							T.	.54									.06	.09	.33			.48										1.50
Morrillton	Arkansas								1.14									.28	.95	.15													2.52
Mount Ida	White																T	.35	.15	.08			.06										0.64
Newport	White		.02						.72									.43	1.38	.22														2.77
Osceola	Mississippi		.20										T.				.45	.79	.42				T.	T.							.67	..	1.93
Ozark	Arkansas								.37			T.						.14	1.45	.16														2.2
Paragould	Mississippi			.65					.71									1.03	1 61	.49														4.49
Patterson	White			.50					.76									.05	.40	.85														2.56
Piggot	Mississippi		.02						.56	.19							.10	.35	.50	.30				03	.05						T.		2.10
Pindall	White							T.							T.			.88	.53	.08					.03								2.12
Pine Bluff	Arkansas																	.28	.02	.15					T.							.10	0.55
Pocahontas	White		.01					.45	.35									.25	.90														1.96
Portland	Ouachita			T					.10	.13							.02	.12	.38						.02							.03	.36	0.64
Prescott	Ouachita						.07	1.26										.15	.10	.17														1.85
Princeton	Ouachita							.97										.25															1.89
Rison	Ouachita							.95																								.45	1.67
Rogers	White		.02					T.	T.								T.	1.14	.32	.21					.02								1.71
Searcy	White			.10							.52							.61	.46	.16														1.85
Springbank	Red							.27	.90									.06	T.	.17													T	1.40
Story	Ouachita					28		.42										.12	.18					10										1.08
Stuttgart	Arkansas					.06		1 07							02		.38		.31						.01							12		1.97
Subiaco	Arkansas							1.40	.19									1.30	1.40	.15														4.44
Texarkana	Red			T.					1.03						T.	.38				.20	.13													1.86
Thornburg	Arkansas		T.					.78	.32								.39	.22		.09				T.	.02								2.20
Waldron	Arkansas							.21									39	1.47		.15														2.72
Warren	Ouachita							.20	T.								.25															.75		1.20
Waters	Ouahita							.93									.12	.31	.65					.10										2.11
Whitecliffs	Red							T	T.										.15	.35														0.50
Wynne	Mississippi			T					.70	.05								.20	.26	.15				T.									.02	1.88
Yancopin	Arkansas			T					.03									.05							.08								.63	0.74

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measuremeot.

Daily Temperatures for January, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	54	46	39	37	49	50	46	57	63	71	78	72	70	72	72	67	70	68	63	54	45	45	50	63	55	62	56	53	65	58	56	58.3
	Minimum	7	9	8	20	17	23	35	42	34	35	34	34	38	46	52	51	55	58	44	34	23	21	26	40	23	30	28	23	34	41	35	32.3
Batesville§§	Maximum	18	15	24	36	47	47	48	54	59	78	79	74	72	72	71	66	65	62	53	38	42	42	56	55	52	57	41	47	63	40	51	52.2
	Minimum	3	2	0	0	13	25	29	40	25	29	27	30	30	43	52	47	52	44	44	30	16	17	25	22	18	18	21	16	18	26	25	25.4
Bentonville	Maximum	10	14	28	37	49	51	48	52	54	66	72	68	71	72	66	66	57	55	63	33	40	45	51	54	52	51	35	46	62	52	52	50.1
	Minimum	-5	2	-2	19	22	36	39	30	27	66	41	88	44	52	48	53	47	46	33	19	16	25	32	25	24	29	24	19	36	30	24	29.3
Bee Branch	Maximum	21	19	25	35	48	45	43	55	54	67	73	72	72	72	69	66	64	63	60	54	40	43	43	56	50	58	55	42	63	62	52	52.9
	Minimum	2	4	2	7	15	24	36	37	27	30	35	34	41	49	46	49	58	51	43	30	17	19	24	42	22	29	25	19	26	31	28	29.1
Blytheville	Maximum	17	15	24	35	47	45	47	50	52	68	72	72	74	75	75	75	65	56	51	45	40	42	50	54	45	50	40	32	58	34	40	49.8
	Minimum	3	0	-2	2	14	30	33	39	26	32	35	66	43	48	49	51	46	46	45	31	20	24	31	30	28	36	26	20	28	30	30	29.4
Booneville	Maximum	17	22	27	43	54	51	52	57	60	71	77	77	76	76	72	70	66	63	64	47	45	52	54	59	58	59	53	52	68	59	57	56.7
	Minimum	2	7	6	21	18	29	42	34	28	29	33	34	38	52	52	48	58	50	42	29	18	24	28	34	20	28	28	21	32	37	28	30.5
Brinkley	Maximum	25	20	22	35	46	46	46	52	55	66	73	69	78	74	75	70	70	66	64	55	55	54	55	61	51	61	58	42	[illegible]	58	50	55.2
	Minimum	5	6	-2	6	14	23	39	40	26	32	36	34	46	49	55	55	62	51	49	33	18	20	25	43	21	33	25	18	28	32	32	30.8
Calico Rock§§	Maximum	18	11	27	39	54	50	50	55	62	71	70	76	79	75	72	71	61	63	52	37	47	46	57	60	57	59	41	45	65	41	53	53.7
	Minimum	1	1	-2	-2	12	12	24	32	21	22	25	21	26	35	40	41	51	49	45	29	15	15	21	28	19	20	20	15	15	28	24	22.7
Camden§§	Maximum	24	28	28	41	51	52	52	58	61	71	77	71	66	75	77	72	73	66	59	50	40	47	61	62	57	60	56	54	68	58	52	57.0
	Minimum	10	9	9	9	16	16	22	42	27	26	30	32	39	50	56	56	62	62	52	31	25	20	27	41	23	23	25	21	21	44	35	31.0
Center Point	Maximum	30	26	26	37	47	51	47	57	57	68	73	69	63	72	71	68	69	69	62	52	38	46	51	58	55	59	50	53	65	63	58	55.2
	Minimum	6	8	9	17	24	33	41	40	31	37	46	14	46	52	57	60	65	55	43	33	21	24	35	42	25	36	30	26	38	49	38	35.8
Conway	Maximum	24	19	23	39	49	48	46	57	55	66	72	73	74	73	71	67	69	64	63	48	41	45	49	58	51	60	52	44	65	52	53	53.9
	Minimum	6	7	2	13	17	25	39	40	29	29	28	34	40	50	49	51	61	54	47	33	21	21	28	41	23	30	31	22	30	35	31	31.2
Corning	Maximum	16	15	23	35	48	54	48	54	66	65	73	73	73	69	73	74	66	59	49	54	36	44	46	54	56	52	56	64	54	52	50	53.3
	Minimum	-3	-1	-7	0	15	30	38	30	26	29	36	32	48	44	48	48	49	44	30	30	17	22	20	26	30	28	28	26	24	23	20	26.8
Dardanelle	Maximum	24	21	24	36	48	49	50	56	58	69	71	76	74	76	72	67	65	62	63	48	43	50	49	59	56	56	54	44	61	58	50	54.5
	Minimum	4	9	7	18	19	29	40	34	32	32	35	37	40	47	50	49	58	53	46	34	21	27	29	42	26	32	32	25	31	36	32	32.5
Dumas	Maximum	24	28	38	50	60	49	55	49	70	84	90	85	83	85	85	75	78	68	66	52	49	47	60	72	67	65	57	52	73	57	43	61.8
	Minimum	10	10	9	17	16	21	31	41	27	32	38	40	47	47	51	55	60	60	44	32	21	21	31	43	24	36	28	21	33	39	32	32.8
Dutton	Maximum	13	17	24	35	45	48	45	51	54	66	72	72	67	70	64	65	63	59	57	41	38	40	45	53	48	54	45	44	60	60	55	50.6
	Minimum	-6	1	5	9	13	26	40	32	17	25	28	28	34	45	41	40	55	49	35	22	7	17	25	26	15	20	18	15	26	28	19	24.0
El Dorado	Maximum	29	29	27	43	51	54	57	55	61	71	78	72	69	75	77	72	74	70	66	49	45	47	59	62	49	58	58	55	68	69	48	58.0
	Minimum	11	11	11	22	19	19	41	41	32	36	40	42	48	55	57	59	64	62	41	35	26	27	41	49	28	28	35	26	38	41	34	36.1
England	Maximum	25	18	24	38	49	46	47	54	61	71	78	73	74	74	72	67	69	68	63	48	38	44	53	61	54	59	47	46	68	59	48	54.7
	Minimum	8	8	6	16	18	25	36	40	30	36	38	37	45	50	52	55	63	55	47	34	20	22	28	36	24	31	28	20	33	35	31	32.5
Eureka Springs	Maximum	14	14	30	40	52	54	48	57	53	67	76	71	71	72	70	68	62	62	57	40	41	43	51	55	53	55	41	44	62	58	54	52.7
	Minimum	-6	0	-6	15	27	40	45	30	30	40	50	45	50	53	52	54	49	46	36	23	15	26	31	28	26	31	25	17	39	32	25	31.2
Fayetteville	Maximum	10	16	27	38	49	48	50	51	56	66	76	72	70	72	68	68	64	57	57	41	40	42	51	55	50	55	42	48	60	54	53	51.8
	Minimum	-4	2	-2	18	20	36	42	25	23	41	29	36	47	54	50	51	49	46	36	24	16	25	34	27	24	26	24	17	36	35	24	29.7
Fort Smith	Maximum	16	22	25	39	47	47	45	54	56	66	72	72	73	75	72	69	62	59	53	41	43	47	57	59	54	56	42	47	65	54	53	53.0
	Minimum	2	9	9	22	23	34	42	36	31	35	39	41	43	49	58	53	49	47	41	26	22	28	32	31	26	32	31	26	33	40	33	32.8
Gravette	Maximum	10	14	27	38	49	47	47	50	53	65	70	68	70	72	77	63	61	54	56	43	40	42	50	55	51	50	42	46	61	50	51	50.7
	Minimum	-5	1	-3	18	23	34	41	39	25	51	37	37	41	51	52	53	41	43	35	23	13	25	30	26	23	26	21	15	38	34	29	28.9
Harrison	Maximum	15	13	28	43	48	52	51	53	60	69	75	78	78	76	72	70	65	61	58	43	46	49	56	55	58	57	44	43	68	48	55	54.4
	Minimum	-4	1	-7	10	15	35	43	30	24	35	39	30	43	48	39	42	53	48	37	24	13	26	25	30	20	25	27	17	30	30	25	27.5
Helena	Maximum	24	18	20	32	43	49	53	46	53	65	71	66	72	71	70	71	67	66	70	46	38	43	56	62	52	57	52	42	65	55	46	52.9
	Minimum	8	8	6	15	15	22	37	37	24	33	36	37	49	50	54	56	62	58	48	27	18	21	33	43	22	37	28	18	28	33	31	32.2
Hope	Maximum	30	43	42	57	67	53	50	73	66	80	88	82	67	75	81	70	71	68	67	50	47	48	57	60	60	63	61	58	68	64	58	62.[illegible]
	Minimum	8	9	10	19	17	23	30	43	29	32	35	40	44	50	52	55	65	58	41	35	24	22	29	38	24	32	31	23	41	40	36	33.4
Hot Springs	Maximum	24	28	30	34	44	49	56	59	50	47	49	58	63	72	73	74	70	71	73	67	62	58	57	54	60	54	58	52	67	64	62	56.1
	Minimum	6	7	6	18	22	32	33	30	41	39	35	37	36	36	37	44	42	44	49	40	45	41	41	38	41	31	32	24	34	32	30	33.0
Huttig	Maximum	40	32	30	47	53	61	64	59	62	76	77	79	73	76	78	73	75	76	71	59	51	51	65	65	64	64	62	58	69	70	72	63.0
	Minimum	11	10	10	20	16	22	33	40	30	27	34	36	57	50	50	54	63	59	53	34	27	24	32	52	27	30	24	24	33	50	35	34.5
Jonesboro	Maximum	22	14	22	33	46	48	45	50	53	65	69	71	71	72	71	66	65	53	60	45	38	41	55	61	48	51	42	35	58	41	43	50.1
	Minimum	3	3	1	3	20	22	36	39	30	37	43	38	49	52	53	48	52	45	44	29	20	22	24	36	23	30	26	18	19	29	27	29.7
Lambrook§§	Maximum	21	19	25	37	47	49	54	46	55	62	73	69	71	72	74	68	68	65	55	44	39	42	56	62	60	53	49	56	67	40	44	53.0
	Minimum	10	8	5	11	12	19	35	41	25	29	33	33	39	47	48	49	59	61	47	35	20	19	26	40	21	23	25	24	28	36	32	30.3
Lead Hill	Maximum	10	15	27	42	56	52	52	57	56	67	71	75	76	76	70	74	68	64	59	44	44	49	53	56	56	54	43	45	60	48	54	54.0
	Minimum	-3	0	-10	3	11	25	43	25	20	26	28	27	28	38	34	39	52	48	40	26	12	22	20	32	17	13	20	12	21	27	24	23.2
Little Rock	Maximum	18	19	25	36	48	48	49	54	57	70	76	71	68	73	73	66	68	66	64	43	41	43	56	58	52	57	43	47	64	43	51	53.1
	Minimum	5	8	6	19	20	29	42	42	35	37	43	43	48	52	56	57	65	55	43	28	24	24	31	36	28	36	33	27	36	35	31	34.6
Lurton	Maximum	13	10	21	31	45	46	44	47	51	65	70	70	74	68	62	68	62	55	56	36	36	39	48	51	46	50	36	40	57	52	50	48.2
	Minimum	-5	0	-3	10	22	32	39	33	31	39	47	48	48	49	40	54	51	48	35	17	14	20	29	25	23	33	24	17	32	31	21	29.5
Lutherville	Maximum	16	18	25	34	44	49	46	57	50	63	69	66	72	73	69	70	64	60	59	46	39	46	48	56	53	56	49	44	61	53	52	51.8
	Minimum	-2	3	2	14	19	28	39	34	29	36	42	42	47	49	50	50	58	50	41	28	18	22	28	26	24	33	27	22	30	30	28	30.5
Magnolia	Maximum	33	28	26	40	52	56	52	56	58	70	77	72	68	75	78	71	75	71	65	51	45	47	57	60	57	59	55	54	68	69	63	58.3
	Minimum	9	10	10	20	19	27	42	47	29	33	38	45	48	55	58	59	65	60	50	35	26	24	40	45	26	30	30	24	39	35	35	35.9
Malvern	Maximum	24	24	28	39	49	48	48	59	55	68	76	72	67	75	75	77	77	68	64	51	40	45	53	64	54	59	54	52	59	59	55	55.9
	Minimum	7	9	7	20	15	21	33	43	27	30	32	33	37	44	52	52	64	60	46	33	21	19	25	42	22	30	27	20	28	39	32	31.8
Mammoth Spg	Maximum	24	22	26	37	50	55	56	54	58	68	66	75	75	74	73	70	72	66	59	49	41	43	48	62	50	53	52	40	57	49	50	54.0
	Minimum	11	12	14	19	18	34	41	41	33	36	26	30	42	55	44	53	57	46	42	26	14	19	19	33	19	26	22	24	26	29	29	30.3
Marianna	Maximum	28	28	22	35	46	48	48	54	56	67	75	70	74	75	74	74	69	66	65	50	57	54	54	65	51	55	50	40	66	66	46	55.7
	Minimum	7	6	4	10	17	25	38	30	32	34	40	35	45	49	51	50	62	53	48	34	21	24	23	42	25	37	28	22	30	29	32	31.7
Marked Tree§§	Maximum	15	21	33	39	42	43	42	43	53	71	70	66	65	67	69	64	61	54	40	44	38	50	50	54	48	41	48	49	44	44	42	48.7
	Minimum	2	1	1	4	13	25	38	27	28	32	34	33	43	48	50	50	46	46	33	19	19	23	26	24	24	24	18	19	19	29	25	26.5
Marshall	Maximum	12	14	21	37	56	50	50	52	51	67	73	73	72	71	76	67	66	61	61	48	41	44	48	57	52	52	51	42	63	63	67	52.8
	Minimum	-1	2	-8	12	16	29	40	29	24	28	33	33	49	29	54	52	59	50	40	27	15	27	28	33	21	25	25	18	33	30	24	28.3
Mena	Maximum	15	25	27	37	48	52	47	51	56	69	73	71	70	71	66	68	67	65	55	43	41	46	55	55	51	55	43	53	63	58	56	53.3
	Minimum	2	5	5	18	20	31	40	35	28	36	44	44	45	50	58	52	62	53	40	30	19	23	39	36	22	31	32	25	38	42	31	33.4
Morrillton§§	Maximum	18	19	25	40	51	51	46	56	57	66	70	74	74	73	70	78	66	64	52	42	42	47	59	58	55	59	45	47	67	44	52	53.8
	Minimum	6	6	4	8	5	19	31	37	31	32	34	35	40	42	52	49	49	54	47	35	22	23	30	32	25	26	34	25	28	35	31	30.0
Mount Ida	Maximum	17	25	26	42	50	49	49	58	61	74	80	75	75	76	73	68	78	68	61	48	44	45	51	55	55	51	49	57	67	61	59	56.4
	Minimum	11	3	1	19	11	11	37	37	23	26	28	28	32	45	56	44	43	55	44	28	15	19	24	39	16	24	22	17	35	34	28	27.6
Newport	Maximum	19	20	24	37	48	49	45	55	48	68	75	73	74	73	75	70	65	58	63	47	43	42	48	61	52	58	47	43	64	59	5[illegible]	53.4
	Minimum	3	5	1	4	18	27	31	42	27	31	33	34	45	52	54	49	55	46	46	32	18	23	27	38	24	30	27	20	29	29	28	29.9
Osceola	Maximum	17	16	20	22	38	45	45	43	48	57	68	52	78	72	73	70	66	52	58	44	45	40	53	64	48	53	45	41	60	38	48	49.0
	Minimum	2	0	-2	2	14	26	30	36	27	31	40	41	38	50	48	58	46	40	32	19	20	26	30	25	27	25	19	19	30	31	31	27.7
Ozark§§	Maximum	21	22	27	37	48	48	48	57	55	68	73	71	74	76	73	73	66	62	54	46	49	48	50	60	59	59	49	46	65	55	55	54.6
	Minimum	2	6	5	6	18	19	30	34	26	27	30	32	35	42	44	46	49	50	44	30	18	18	19	22	22	24	26	20	20	30	27	26.5
Pine Bluff	Maximum	29	24	33	45	55	50	51	57	63	75	83	77	70	77	80	69	69	67	66	51	44	45	55	63	61	64	54	55	70	55	45	58.1
	Minimum	9	10	9	19	18	23	36	48	31	37	43	41	41	50	53	55	62	62	47	34	23	21	28	40	24	33	32	21	33	38	33	33.8
Pocahontas	Maximum	21	15	24	35	46	49	43	52	58	69	74	73	74	72	72	68	63	51	59	47	43	39	46	62	50	56	51	39	54	48	48	51.6
	Minimum	1	2	4	1	11	29	35	35	28	30	31	35	43	54	45	48	51	45	45	29	15	23	23	28	20	28	22	16	25	29	28	27.7
Portland	Maximum	33	24	26	38	50	59	64	57	60	72	78	76	66	75	77	77	80	72	66	53	44	49	61	65	59	60	55	50	70	68	6[illegible]	59.5
	Minimum	11	10	12	18	17	21	33	43	31	30	33	42	49	47	56	54	61	58	52	35	25	22	41	50	36	36	30	24	32	50	34	35.3
Prescott	Maximum	22	24	21	42	51	48	51	58	60	70	77	72	65	69	76	71	72	65	59	51	48	43	62	58	56	60	55	61	68	62	58	56.6
	Minimum	7	9	7	17	13	23	28	44	30	32	34	38	41	43	51	45	52	59	50	33	23	21	27	32	21	28	30	23	31	42	36	31.3
Rison	Maximum	28	30	33	44	56	57	64	64	5	67	69	69	63	67	76	73	72	71	66	53	43	45	55	62	57	61	55	53	69	65	46	58.1
	Minimum	20	21	23	33	44	51	48	53	53	36	43	45	47	54	56	59	64	62	50	32	21	21	31	44	24	34	28	23	32	39	33	39.5
Rogers	Maximum	12	14	28	38	49	51	48	53	54	67	72	71	71	73	69	68	64	58	56	40	40	45	53	50	53	55	47	47	63	56	54	52.2
	Minimum	-5	1	4	18	15	36	44	26	20	28	29	30	42	53	40	47	49	47	35	23	13	25	31	27	20	25	21	14	36	34	24	27.2
Searcy	Maximum	24	22	23	35	47	43	45	52	55	68	71	72	72	73	73	74	65	68	63	50	41	42	48	58	51	59	51	42	52	53	51	53.0
	Minimum	-5	-7	7	5	14	23	37	40	30	17	26	32	36	46	45	45	60	48	46	32	18	20	22	40	22	29	26	18	25	35	29	27.8
Stuttgart	Maximum	21	25	24	36	49	48	47	51	56	67	74	71	70	72	75	69	69	67	64	58	46	42	54	61	54	56	49	56	66	58	52	55.1
	Minimum	8	8	4	11	18	25	39	40	29	35	40	40	58	49	49	55	61	54	49	32	21	23	30	41	24	30	30	23	33	35	31	33.4
Texarkana	Maximum	24	35	29	44	52	53	50	63	63	74	81	79	72	78	79	75	73	70	60	50	43	52	57	64	52	65	54	62	70	73	65	60.0
	Minimum	7	8	10	14	17	24	40	40	28	30	34	45	42	52	56	58	63	56	40	30	23	23	34	39	24	34	30	23	35	45	36	33.5
Thornburg	Maximum	13	16	25	36	50	49	49	53	57	70	75	74	73	71	67	69	67	69	63	43	43	46	46	58	53	56	43	50	66	43	43	52.8
	Minimum	2	2	-2	15	10	20	41	37	23	26	29	49	53	55	47	60	54	58	41	26	12	20	23	35	12	24	31	18	40	30	26	29.6
Warren	Maximum	31	24	26	37	48	52	55	53	58	68	73	70	67	75	74	72	73	71	66	55	45	45	57	62	56	58	54	50	67	62	50	56.6
	Minimum	11	10	16	20	25	35	42	35	40	42	43	50	55	57	57	65	60	55	35	21	22	35	45	30	36	36	25	37	52	35	38	37.6
Wynne	Maximum	19	15	24	34	46	44	45	51	54	65	74	72	72	72	73	68	64	62	54	49	41	41	62	55	48	56	43	45	61	51	42	51.7
	Minimum	5	5	3	6	18	28	40	37	26	32	37	37	41	45	51	53	61	49	49	32	18	24	32	29	24	31	25	21	36	31	30	30.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

551.05
LUNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

UNIVERSITY OF ...
APR 6 ...

VOL. XXXIII LITTLE ROCK, ARK., FEBRUARY, 1928 No. 2

GENERAL SUMMARY

Although the temperature for the month averaged more than two degrees above normal and the precipitation more than an inch below there were no record breaking extremes. The mean temperature, as determined from the records of 58 stations, was 45.0° which is 2.2° above normal, nine scattered stations showing negative departures, positive elsewhere. Daily means were almost uniformly above normal from the 1st to the 13th with positive departures of 20° or more on the 5th and 6th. The latter half of the month was cool. The highest monthly mean was 51.6° at Junction, the lowest, 38.8° at Lurton, a difference of 12.8° between the Ozarks in the northwest and the southern border of the State. The highest temperature recorded was 79° at Subiaco on the 5th, an unusually low extreme for the month. The lowest was 10° at Corning on the 17th and Lurton on the 18th.

The average precipitation for 91 stations was 2.23 inches, which is 1.12 inches below normal. A few stations in southwestern and northwestern sections of the State showed positive departures, negative elsewhere. Monthly totals ranged from 4.69 inches at Texarkana to 0.96 inch at Gilbert. A measurable amount of snow occurred at 18 stations averaging 3.0 inches. Amounts ranged from 6.0 inches at Harrison to a trace at numerous stations. Most of the precipitation occurred from the 4th to the 7th and from the 13th to the 24th.

The weather was generally favorable for the usual early spring farm activities. Considerable plowing was done, some spring oats were sown, and truck and gardens were planted in southern sections of the State. Fruit buds were swelling and plums were blooming at the close of the month, however the cool weather the latter half of the month held development in check. Meadows and pastures were in good condition.

W.C.H.

Corrections: January, 1928

Amity maximum temperature should be 78o on the 11th. Booneville greatest 24 hour precipitation should be 1.18 on the 17th.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--4th, 1; 5th, 2; 6th, 13; 7th, 1; 13th, 3; 14th, 6; 18th, 1; 22d, 4; 23d, 19; 24th, 2.

DENSE FOG:---1st, 7; 3d, 1; 4th, 1; 5th, 3; 6th, 7; 10th, 1; 13th, 1; 23d, 1; 28th. 1.

SOLAR HALOS:---9th, 2; 21st, 1; 24th, 1; 26th, 1.

LUNAR HALOS:---1st, 2; 3d, 1; 4th, 1; 26th, 1.

SLEET:---20th, 1; 21st, 1; 23d, 1.

Supplemental Precipitation Table

Stations	Counties	Elevation, feet	Length of record, years	Precipitation, inches: Total	Departure	Greatest in 24 hours	Total snow unmelted	Number of Days: Precip., .01 in. or more	Clear	Ptly. cldy.	Cloudy	Wind direction
Cold Springs	Scott	1250	2	1.28	.....	0.55	0.5	8	10	8	11	sw
Eagleton	Scott	1000	2	3.96	.....	1 26	T.	6	12	9	8	n
Evening Shade	Sharp	....	3	1.33	.....	0.41	T.	7	17a	1a	10a	s
Jessieville	Garland	750	2	1.79	.....	0.45	0 0	7	11	6	12	sw
Oden	Montgomery	800	2	1.86	.....	0 58	T	8	9	9	11	sw

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	30.14	30.66	25	29.66	13	4,597	26	s.	16	.....	.....	55
Fort Smith	30.13	30.56	25	29.65	22	5,521	36	sw.	13	77	61	56
Little Rock	30.15	30.53	26	29 73	23	5,522	33	w.	13	77	58	53
Memphis	30.16	30.57	26	29.72	13	5,316	31	w.	14	74	58	51

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.8**		**93**		**-29**		**3 35**		**11**	**6**	**11**	**7**
1891	46.5	+3.7	80	24	6	26	2.92	- 0.43	10	9	9	8
1892	49.0	+6.2	78	7	18	16	3.47	+ 0.12	11	9	9	7
1893	42.4	-0.4	74	20	2	11	4.05	+ 0.70	9	6	13	8
1894	40.5	-2.3	75	19	0	15	6.32	+ 2.94	8	7	13	8
1895	33.5	-9.3	78	28	-17	7	0.71	- 2.64	10	7	11	4
1896	45.2	+2.4	79	26	11	20	3.30	- 0.05	15	6	8	6
1897	46.6	+3.8	89	18	7	27	2.59	- 0.76	10	7	11	4
1898	45.8	+3.0	82	13	7	3	2.08	- 1.27	15	5	8	5
1899	31.8	-11.0	75	21	-25	12	2.18	- 1.17	12	6	10	6
1900	39.7	-3.1	74	8	- 5	17	5.06	+ 1.71	9	7	12	8
1901	40.8	- 2.0	79	18	10	23	2.18	- 1.17	10	7	11	6
1902	35.0	- 7.8	72	27	- 2	15	2.60	- 0.75	9	8	11	5
1903	41.0	-2.0	79	3	-12	17	7.63	+ 4.28	10	6	12	10
1904	44.9	+2.1	86	26	10	11	2.47	- 0.88	12	8	9	5
1905	32.3	-10.5	82	28	-29	13	2.55	- 0.8	9	6	13	7
1906	41.8	-1.0	75	23	- 7	5	2.21	- 1.15	15	5	8	6
1907	44.9	+2.1	83	10	4	6	2.77	- 0.58	12	6	10	6
1908	44.2	+1.4	78	29	0	2	5.26	+ 1.91	12	5	12	9
1909	47.3	+4.5	82	20	5	16	5.41	+ 2.06	13	6	9	8
1910	39.0	-3.8	75	8	-13	18	3.66	+ 0.31	11	6	11	7
1911	49.8	+7.0	87	1	7	22	4.31	+ 0.96	9	8	11	9
1912	37.9	-4.9	78	25	- 7	4	2.80	- 0.55	12	8	9	6
1913	41.0	-1.8	82	19	5	4	3.74	+ 0.39	11	6	11	7
1914	40.4	-2.4	79	3	- 2	7	4.23	+ 0.88	11	7	10	7
1915	45.9	+3.1	76	21	11	8	4.47	+ 1.12	11	5	12	8
1916	43.4	+0.6	82	17	6	2	1.78	- 1.57	14	4	11	5
1917	43.4	+0.6	89	26	- 4	1	1.98	- 1.42	15	5	8	4
1918	44.4	+1.6	93	27	4	1	1.17	- 2.18	12	6	10	4
1919	44.1	+1.3	80	20	-10	9	3.34	- 0.01	13	4	11	8
1920	45.0	+2.2	79	4	- 2	16	1.26	- 2.09	11	8	10	5
1921	48.3	+5 5	85	24	- 3	20	3 59	+ 0.24	15	5	8	6
1922	47 8	+5.0	84	11	16	7	4.89	+ 1.54	9	7	12	8
1923	41.9	-0 9	80	1	5	4	4.66	+ 1.31	11	4	13	8
1924	42 9	+0.1	82	14	- 7	6	2.26	- 1.09	12	4	13	7
1925	49 3	+6.5	83	21	12	2	3.37	+ 0.02	12	7	9	6
1926	48.5	+5.7	88	7	10	19	2.02	- 1.33	15	5	8	4
1927	52.1	+9 3	90	16	9	19	2.62	- 0.73	10	7	11	8
1928	45.0	+2.2	79	5	10	17	2.23	- 1.12	12	6	11	7

Climatological Data for February, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	33	47.6	+4.6	71	11	21	19	40	1.13	−2 64	0.35	0.0	6	6	13	10	n.	G. C. Thrash
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	3.13	−1.34	1.15	0.0	9	14	4	11	s.	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	3.24	−1.26	2.00	0.0	7	10	6	13	.....	Carl R. Cutting
Batesville	Independence	277	29	41.8	+1.4	71	11	13	19	47	1.84	.....	0.48	1.5	8	9	9	11	n	J. D. Reeves
Bee Branch	Van Buren	700	36	44.4	+2.3	68	11	16	19	38	1.32	−2 10	0.38	T.	9	12	1	16	nw.	Mrs Lelia I. Teter
Bentonville	Benton	1303	23	40.3	+1.8	66	11	14	18	34	2.55	−1.08	0.55	0.0	9	9	6	14	n	J. E. Scanlan.
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	2 48	−0.04	0.82	2.9	12	14	4	11	s.	U. S. Weather Bureau
Booneville	Logan	466	14	46.2	−0.4	75	5	19	19†	43	2.13	−1.00	0.75	T.	8	13	2	14	s.	Vernon C. Howe.
Brinkley	Monroe	205	41	45.2	+2 2	74	6	17	19	36	1.02	−1 05	0.39	T.	5	14	6	9	s.	F. H. Randolph
Calico Rock	Izard	361	24	42.4	+1.2	73	5	14	19	49	1.33	−2.63	0.57	0.0	6	13	4	12	ne.	R. J. Torry
Camden	Ouachita	158	43	45.9	−1.1	70	11	20	19	40	1.71	−0.71	0.35	T.	8	8	8	13	nw.	W. J. Copp
Center Point	Howard	470	29	47.4	+1.2	68	11	23	18	33	2.37	−1.63	0.82	0.0	7	9	6	14	ne.	A. B. Quarterman
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	2.66	−0.56	1.05	0.0	9	11	6	12	s.	John C. Floyd
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	1.53	−2 26	0.62	0.0	8	12	0	17	n.	J. W. Bishop
Conway	Faulkner	309	45	45.6	+2.3	69	5	18	19	40	1.73	.....	0.40	0.0	7	6	12	11	sw.	A. L. Stephens
Corning	Clay	293	35	44.6	+6.9	76	11	10	17	45	1.20	−2.37	0.43	0.0	7	14	10	5	n.	E. E Cordrey.
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	2.99	−0 52	1 31	0.0	8	16	4	9	w.	Winfred D. Polk
Dam No. 1 ††	White	190	5	.....	.....	.....	.....	.....	.....	.....	1.46	.....	0.42	0.0	7	11	0	16	.....	J. O. Linck
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	2.33	.....	0.80	0.0	5	14	8	9	sw.	J. O. Yingling
Dardanelle	Yell	330	42	46.8	+3.2	71	5	20	18†	40	1.12	−0.90	0.43	T.	4	13	15	3	w.	C. P. Evans
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	1.60	−1 43	0.58	T.	6	9	15	2	e.	G. N. Goodier, Jr.
Dumas	Desha	162	22	48.6	−0.7	74	3†	19	19	43	1.35	.....	0.56	0.0	5	15	2	12	.....	H. G. Tate
Dutton	Madison	1590	25	39.0	+1.1	62	5	11	26	42	2.48	−1 57	0.53	0.0	8	9	10	10	n.	Ben Johnson.
El Dorado	Union	270	27	49.2	+1.6	70	11	25	19	34	2.56	−0.36	0.74	1.2	10	10	9	10	s.	J. M Ricketts
England	Lonoke	229	21	46.4[a]	+0.4	72[a]	6	20[a]	19	38[a]	2.66	−0.68	0.76	0.0	7	13	4	12	sw.	J. I Babb
Eureka Springs	Carroll	1465	28	42.4	+2.6	68	11	12	18	35	2.81	−1.37	0.88	0.0	9	14[a]	3[a]	11[a]	n.	Dr. R. H. Hardin
Fayetteville	Washington	1451	41	41.4[b]	+2.1	66[b]	6†	13[b]	18	31[b]	2.72	+0 08	0.55	2.8	11	12	7	10	n.	Geo. W. Nicholads
Fort Smith	Sebastian	457	47	45.2	+2 4	72	5	21	18	36	2 61	+0.07	0.74	6.9	13	14	6	9	s.	University of Arkansas
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	1.77	−0.87	0.79	0.1	9	8	9	12	e	U. S. Weather Bureau
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	2.47	.....	0.98	2.0	10	13	4	12	sw.	J. R. Mc Cuiston
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	3 84	+0.83	1.36	0.0	7	10	7	12	.....	T. J. Logan
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	3 03	−0.25	1.82	6.0	7	11	3	15	e.	W. R Owens.
Gravette	Benton	1250	31	40.7	+2.9	66	11	18	21	40	0.96	.....	0.34	T.	6	7	17	5	.....	Ben F. Battenfield
Harrison	Boone	1052	27	43 6	+5.9	76	11	14	18†	47	2.06	−0.23	0.50	2.3	8	12	9	8	sw.	A. F. Stevens.
Helena	Phillips	193	56	46.1	+2.5	72	6	18	19	31	1.64	−0.96	0.50	6.0	7	15	5	9	.....	G. L Wright
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	2.35	−2.36	1.08	T.	8	12	0	17	s	James A. Burnett
Hope	Hempstead	377	57	48.4	+0.8	74	5	23	19	39	1.91	.....	0.40	T.	9	12	7	10	n.	Geo. W. Baker
Hot Springs	Garland	600	37	42.2	−4.6	68	4	28	22	36	3 33	−0.66	1.20	0.0	7	14	3	12	n.	N. P. O'Neal
Huttig ††	Union	175	21	.....	.....	.....	.....	.....	.....	.....	2.46	−1.16	0.91	T	5	11[a]	8[a]	9[a]	.....	G. C. Bolton
Index	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	2.65	−1.49	0.89	0.0	6	..	..	..	.....	J. L. Collett
Jonesboro	Craighead	345	33	43.5	+2.0	69	6†	16	18	36	3.45	...	1.17	0.0	10	10	3	16	.....	H. D Sanderson
Junction	Union	182	31	51.6	+4.5	76	6	21	19	34	2.01	−1 85	0.64	0.0	9	13	5	5	se.	Benedictine Sisters
Lambrook	Phillips	155	5	45.0	.....	72	6	11	19	40	3.15	+0 27	1.32	0.0	5	13	5	11	n	J. A. Bowderback
Lead Hill	Boone	650	1	41.5	.....	71	5	13	19	49	2.69	.....	1.10	0.0	6	13	4	12	.....	Mrs. P. C. White
Little Rock	Pulaski	357	49	45.8	+0.9	71	11	22	19	32	1.43	.....	0.29	1.5	6	15	7	7	sw.	J. H. Crosswhite
Lurton	Newton	2100	3	38.8[a]	.....	65[a]	11	10[a]	18	35[a]	2 57	−1.77	1.20	T.	9	8	11	10	s	U. S. Weather Bureau
Lutherville ††	Johnson	775	30	44.1	+3.1	69	5	17	18	36	3.08	.....	0 73	5.0	10	11[a]	6[a]	12[a]	s	J. C. Sutton
Magnolia	Columbia	315	9	48.8	.....	70	3	25	18	35	2.11	−0.96	0.94	T.	7	13	2	14	e.	H. G. Leuhardt
Malvern	Hot Springs	277	41	46.8	−0.1	71	5†	18	19	41	2.67	.....	0.97	0.0	7	15	3	11	s	State Agri. School
Mammoth Spring	Fulton	600	23	42 0	+2.6	71	11	13	18†	43	3.02	−0.48	1.20	0.0	8	14	3	12	n.	Mrs. W. L. Matthews
Marianna	Lee	235	16	47.0	+3 6	73	5†	20	19†	34	2.55	−0.09	0.60	2.0	6	15	4	10	nw.	W. C Gregg
Marked Tree	Poinsett	229	23	41.6	−2.8	71	6	16	18	36	2.00	−1.92	0.73	0.0	8	11	14	4	s.	C. N. Houck
Marshall	Searcy	1070	14	43.6	−0 1	71	5	15	19	38	2.03	−1.43	0.52	T.	8	9	9	11	n	Charles Walton
Mena	Polk	1185	40	44.6	+1.0	69	5	19	19	35	1.60	−0.62	0.75	3.0	6	12	3	14	sw.	A. J. Parks
Morrillton	Conway	347	7	44.6	.....	71	5	19	19	41	2 04	−1.17	0 65	T.	10	9	10	10	nw.	E. W. St John
Mountain Home	Baxter	800	14	43.0	+2.3	75	5	14	19	43	1.22	.....	0.45	0.0	4	11	5	13	sw.	John Cook
Mount Ida	Montgomery	650	14	44 6	−1.2	72	11	13	19	46	1.47	−0.91	0.38	5.5	6	8	5	16	w.	B. S. Hulbert
Newport	Jackson	231	44	44.7	+4.2	71	11	18	18†	38	2.33	−4.79	0.67	0.0	6	14	4	11	nw.	G. A. Whittington
Osceola	Mississippi	240	30	40.9	−1.4	71	6	16	18	34	2.03	−1.59	0.85	0.0	8	11	6	12	n.	A. C. Wilkerson
Ozark	Franklin	596	32	49.5[b]	+6.6[a]	74[b]	5	19[c]	19	41[c]	1.50	−2.22	0 86	0.0	3	15	8	6	n.	June Thomason
Paragould	Greene	301	2	.....	.....	.....	.....	.....	.....	.....	1.94	−0.61	0 63	T.	5	6[c]	8[c]	12[c]	nw.	Ishara Burrow
Patterson	Woodruff	196	12	.....	.....	.....	.....	.....	.....	.....	2.86	.....	0.82	T.	9	..	..	..	.....	W. R. Beagler
Piggot	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	2.22	−0.77	1.21	0.0	5	14	1	14	s	W. E. Baker
Pindall	Searcy	500	6	.....	.....	.....	.....	.....	.....	.....	2.95	.....	0.58	0.0	9	11	5	13	sw.	V. C. Wright
Pine Bluff	Jefferson	1215	41	48 2	+2.8	76	11	26	19	41	1.24	.....	0.34	3.0	9	15	5	9	nw.	W. W. Wood
Pocahontas	Randolph	300	35	48.8	+3.4	75	11	15	18†	41	1.95	−2.05	0.80	T.	8	10	7	12	nw	Miss Theresa Schen
Portland	Ashley	122	22	49 4	+0.9	75	6	22	19	39	2.47	−0.80	0 55	0.0	8	11	5	15	s.	Benedictine Sisters
Prescott	Nevada	329	40	48.4	+2.1	72	4	24	18	35	2 73	−1.55	1.08	T.	7	8	4	7	n.	W. E. Edmonson
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	3.64	+0.12	1.10	0.0	7	14	4	11	n.	C. D. Calhoun
Rison	Cleveland	243	27	49.2	+4.8	73	11	20	19	39	2 50	−1.34	0.98	0.0	4	17	0	12	.....	Mrs. F. P. Coleman
Rogers	Benton	1385	37	41.4	+3.1	67	11	13	18	42	1 79	−1.35	0.82	0.0	5	11	7	11	n.	Mrs M. V Tisdal
Searcy	White	236	19	44.7	+1.0	70	11	17	19	39	2.46	+0.58	0.58	5.3	8	12	7	10	nw.	Carl A. Starck
Springbank ††	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	2.56	−0.99	1.00	0.0	9	13	0	16	s.	J. A. Bell
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	2 73	−0.94	1.50	0.0	5	12	1	16	.....	Miss Grace Field
Stuttgart	Arkansas	228	41	46.8	+2.6	72	6	21	19	32	1.94	.....	0.56	T	10	12	7	10	n.	S C. Story
Subiaco	Logan	1050	29	46.4[b]	+4 0	79[b]	5	19[b]	19	42	2.00	−1.61	0.75	0.0	8	11	8	10	nw.	Adam F Buerkle
Texarkana	Miller	332	42	49.4	+1.6	73	5†	25	18	41	1 78	−0.91	0.48	T.	8	12[b]	4[b]	11[b]	s	New Subiaco Abbey
Thornburg	Perry	650	4	43.2	.....	70	11	12	26	46	4.69	+1.75	1.62	0.9	7	13	6	10	n.	H S. Brashear
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	1.36	.....	0.40	T	8	9	11	9	s.	Edward E. Holmes
Warren	Bradley	206	34	48.5	+2 9	69	6	22	18	37	1.28	.....	0.44	2.3	6	12	2	15	nw.	Dr. Cleves Bevill
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	2.19	−2.09	0.65	0.9	5	10	8	11	n	W. L Slide
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	1.94	.....	0.56	9 0	8	11	8	10	sw.	J. R. Huddleston
Wilson	Mississippi	237	3	43.6	.....	71	6	16	19	37	3 09	+0.07	1.92	0.0	4	13	4	12	sw.	Nannie O Schirmer
Wynne	Cross	250	20	45.0	+1.2	73	6	18	19	35	2.77	.....	0.80	0.0	7	13	9	7	n.	V. B. Rakestraw
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	1.59	−1.95	0.54	T.	6	12	4	15	s.	E. O. Allen
State Means and Extremes				45.0	+2.2	79	5	10	17†	49	2.60	.....	0.82	T.	9	12	0	17	.....	W. E. Barton
											2 28	−1.12	2.00	3.0	7	12	6	11		

Temperature and precipitation departures are computed for such stations having ten or more years record. All complete reports are used in section means. T Less than 0.01 inch rain or melted snow. ††Received too late to be included in means and summaries. Reference letters [a],[b],[c] indicate number of days missing. [a]Also on other dates. ‡‡Post office addresses as follows:- Dam No. 1, Judsonia, Ark. Junction, R.F.D. 3, Junction City, Ark.; Lutherville R.F.D. No 1, Lamar, Ark.; Springbank, Doddridge, Ark.

Daily River Stages for February, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.4	6.2	5.9	5.8	6 1	6 7	8.6	10.8	13.8	13.6	12.8	11.7	9.8	8.9	8.8	10.6	10.4	10 0	9.7	9.2	8.7	8 2	8.0	7.8	7.6	7.3	7 1	7 3	6 8		
Ozark	do	22	3.0	3 0	2.9	2.7	2.8	3.2	3.3	6.6	9.3	11.9	10.1	8.5	7.2	5.9	5.3	5.0	6.6	6.4	6 3	5.9	5 2	4 8	4.4	4.1	3 7	3.6	3.5	3.4	3.2		
Dardanelle	do	20	5.3	5.1	4.9	4.8	4.6	5.4	5.9	7.9	8.6	11.5	11.7	10 3	9.4	9.6	7.4	6.8	6.1	6.0	7.9	7 5	7 1	6.7	6.3	6.2	6.0	5.9	5.7	5.5	5.4		
Morrillton	do	20	4.0	3 5	3.9	3 0	3.0	3.0	3.5	4.5	6.0	8.5	10.2	9.2	8.2	6.8	5.8	4 9	4.5	5.5	5.9	5 5	5.3	4.8	4.5	4 0	3 8	3.6	3.4	3.0	3 0		
Little Rock	do	23	4.3	3 9	3.7	3.5	3.5	3.2	3.4	4.2	5.8	7.6	10.5	11.2	10.5	9.2	8 0	6.9	6.1	6 0	7.0	7.0	6 9	6 4	5.9	5 5	5.0	4.8	4.4	4.3	4.1		
Pine Bluff	do	25	8 8	8 5	8.2	8.0	7.8	7.6	7.8	8.3	8.6	10.4	12.3	14.4	14.8	13.7	12.9	11.9	10 9	10.2	10 5	11.2	11 3	11.0	10.6	10.1	9.6	9.4	9.0	8.7	8 5		
Yancopin	do	20	22 0	21 8	21.5	21.3	20.9	20.3	19.7	19.1	18.6	18.5	19.1	21.6	22.1	23.2	23.5	23 7	24.1	24.1	24.7	25.4	25.9	26 3	26.6	26 7	26 7	26.6	26.3	26.0	25 7		
Danville	Petit Jean	20	7.5	7.3	6 8	6 8	6 9	7.2	7.2	9.4	9.4	9 2	8 8	8 6	8 3	8.3	8.3	8.1	7.7	7.5	7 3	7.2	7.1	7.1	7.1	6.8	6.7	6 6	6.5	6.3	6.3		

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	.....	4.4	3.7	4.2	3.9	3.9	4.3	3.8	4.4	4.5	4.9	5.1	5.2	5.1	4.9	5.2	5.3	5.3	5.2	5.2	5.1	5.0	4.9	4.8	4.5	4.7	4.8	4.7	3.8	4.7		
Calico Rock	....do	18	4.7	3.6	3.4	3.4	3.4	3.0	3.4	3.4	4.3	4.3	4.3	4.3	4.3	4.2	4.3	4.6	4.6	4.5	4.4	4.4	4.2	4.1	4.1	4.1	4.2	4.1	4.0	3.6	3.5		
Batesville	....do	23	9.8	9.4	8.9	9.0	8.9	8.9	8.7	8.9	9.4	9.7	9.9	9.8	9.8	9.8	9.8	10.0	10.3	10.1	10.1	10.1	9.8	9.8	9.7	9.6	9.8	9.7	9.7	9.5	8.8		
Newport	....do	26	10.9	10.4	9.7	9.0	8.7	8.4	8.4	8.4	8.4	8.9	9.2	9.4	9.4	9.4	9.3	9.2	9.5	9.7	9.8	9.8	9.8	9.5	9.4	9.2	9.4	9.8	10.0	10.0	9.9		
Georgetown	....do	22	17.8	17.6	16.0	15.2	14.6	13.9	13.6	13.3	13.5	13.3	13.2	13.2	13.2	13.2	13.1	13.0	12.9	12.9	13.0	13.0	13.0	13.0	12.9	12.8	12.8	12.8	12.8	12.8	13.0		
De Valls Bluff	....do	30	21.0	20.8	20.6	20.3	19.8	19.3	19.0	18.8	18.5	18.2	18.0	18.0	17.9	17.8	17.7	17.5	17.4	17.3	17.2	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.3		
Clarendon	....do	30	25.1	25.0	24.9	24.7	24.3	24.1	23.8	23.4	23.0	22.7	22.4	22.1	21.9	21.7	21.5	21.4	21.2	21.1	21.0	20.9	20.9	20.9	21.0	21.0	21.0	20.9	20.9	20.9	20.9		
Gilbert	Buffalo	11	5.0	4.9	4.8	4.8	4.7	4.7	5.2	5.6	5.4	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.8	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.8	4.7	4.7	4.7		
Corning	Black	..	10.5	10.3	10.1	9.9	9.7	9.7	10.1	10.6	11.1	11.3	11.3	11.2	11.0	10.7	10.5	10.4	10.5	10.7	10.9	11.0	11.0	10.9	10.8	10.8	11.2	11.6	11.7	11.7	11.6		
Black Rock	....do	14	8.0	7.9	7.7	7.4	7.4	7.2	7.4	7.6	7.8	8.0	7.8	7.6	7.6	7.6	7.6	7.6	8.2	8.5	8.5	8.3	8.0	7.7	7.5	8.5	9.5	9.8	9.4	9.1	9.0		
Dam No. 1	Little Red	..	2.0	1.8	1.6	1.4	1.2	1.2	3.0	4.5	5.8	6.0	5.0	4.6	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.2	3.0	2.7	2.5	2.3	2.1	2.0		
Patterson	Cache	9	7.7	7.3	7.1	6.9	6.7	6.5	6.3	6.3	6.5	6.9	7.2	7.4	7.4	7.2	7.1	6.9	6.8	7.0	7.2	7.4	7.4	7.1	6.7	6.4	6.2	6.0	6.0	6.0	6.1		
Arkadelphia	Ouachita	18	1.0	1.2	1.0	1.0	1.2	2.0	3.0	3.0	3.2	2.9	2.8	2.8	2.8	2.9	2.9	3.0	2.5	1.8	1.5	1.5	1.0	2.2	2.5	2.8	2.4	2.0	2.0	2.6	2.2		
Camden	...do	30	7.2	6.9	6.8	6.6	6.6	6.5	7.8	11.2	13.6	14.0	13.8	13.2	12.0	10.6	10.2	9.6	9.5	9.0	8.6	7.8	7.2	7.9	8.3	12.8	14.7	13.9	13.6	12.0	10.3		
Fulton	Red	28	9.4	9.1	8.9	8.7	8.6	8.7	8.9	9.8	11.7	14.7	16.0	15.6	14.4	13.0	11.7	11.1	10.4	10.2	10.0	10.0	9.8	10.1	10.9	11.1	11.0	10.7	10.2	9.8	9.5		
Springbank	....do	37	8.4	8.1	7.8	7.3	7.1	7.0	7.1	7.4	7.8	9.1	11.5	11.4	11.1	10.1	9.1	8.3	8.0	7.8	7.5	7.5	7.5	7.6	7.9	8.4	9.1	8.9	8.9	8.6	8.1		
Whitecliffs	Little	28	4.0	4.0	3.8	4.3	3.4	4.0	4.2	11.2	15.0	17.2	17.0	15.7	14.7	10.0	7.0	7.3	6.7	6.9	6.0	5.7	5.6	5.9	7.9	8.6	6.4	6.0	6.0	5.7	4.4		
Marked Tree	St. Francis	17	9.2	9.2	9.1	9.0	8.9	8.9	8.9	8.9	9.0	8.9	8.9	8.8	8.6	8.5	8.4	8.5	8.5	8.4	8.5	8.5	8.4	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	8.0	
Helena	Mississippi	44	28.5	28.2	27.8	27.2	26.[illegible]	25.3	24.2	23.3	22.5	22.1	22.2	23.0	24.8	27.3	29.4	31.4	32.7	33.7	34.4	34.1	35.1	35.4	35.6	35.6	35.2	34.6	34.1	33.5	33.0		
Arkansas City	do	48	33.6	33.9	33.7	33.4	33.0	32.6	31.7	30.9	29.0	29.0	28.9	28.9	29.9	30.9	32.6	34.0	35.7	36.0	36.3	36.8	37.3	37.6	38.0	38.2	38.4	38.4	38.1	38.0	37.5		

Daily Precipitation for February, 1928

Stations	Drainage-basin	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.35		.25							.09		.05							.33	.06									1.13
Arkadelphia	Ouachita					.55		.70						.18	.04		.03						.33	1.15	.03	.12							3.13
Arkansas City	Mississippi					.10		2.00						.40	.15		.09							.40		.10							3.24
Arlberg	White				.21		.48							.80	.17			.11	.05					.32	.20								1.84
Batesville	White				.02	.12		.26						.10	.10			.06	T.		T.			.38	.12	.16			.07				1.32
Bee Branch	Arkansas				.48	.16	.52							.30	.20			.12						.55	.15								2.55
Bentonville ***	Arkansas				.43		.82	.07	.05				.07	.63			.16	.63				.02	.01	.09		.10							2.48
Black Rock	White				T.	.32		.75						.18	.06			.17	T.			T.	.35	.14	.16								2.13
Booneville	Arkansas				.39		.34						.09		.04		.16	T.	T					T.									1.02
Brinkley	White					.19		.23						.22	T.							.07	.57	.05									1.33
Calico Rock	White				T.	.20	T.	.35						.18	.27			.15				T.	.20	.19	17	T.							1.71
Camden	Ouachita					.60		.15						.23			.12						.82	.01	.44								2.37
Center Point	Red				.42	.01	.49							.12	.07							.06	.62	.01	.10								2.66
Clarendon	White					.14		.41						.21	.17			.08					.55					.14					1.53
Clinton	White				.46		.38							.23	.04			.06						.18									1.73
Conway	Arkansas				.32		.43	.03						.41									.42	.41	.28								1.29
Corning	White					.16		1.31						.05	T.			.42	T.		T.	T.	.14	.22	.10	T.							2.99
Cotter	White					.25	T.	.28	T.					.20			T.					T.	.09	.24					T.				1.46
Dam No. 1	White				.40		.80							T.	.10			T.					T.	.20									2.33
Danville	Arkansas					.43		.39						.08	.35			.05					.10	T.						T.			1.12
Dardanelle	Arkansas				T.	.58		.44						.17	T.							.05	.56	T.	T.								1.60
De Valls Bluff	White					.19		.38						.34	.05	T.			T.				.51		.47					T.			1.35
Dumas	Mississippi				.53	.01	.05	.52						.48	.27		.06	.13	.03					.07		.02		T.					2.48
Dutton	White				.68	.08	.74							.38			.27						.76	.07									2.56
El Dorado	Ouachita				.02	.50		.66						.26							.33	.02	.69	.03						.01			2.66
England	Arkansas				.57	.02	.88							.20	.53			.25	.04		.04	.10		.55		.03							2.81
Eureka Springs	White				.33		.55		.10					.20	.28		.04	.31	T.			.16	.04	.14		.04		T.					2.72
Fayetteville	White			T.	.47	.09	.74	.01	.09					.20									.01	.02									2.61
Fort Smith ***	Arkansas			T.	.78	.01	.42	T.					.12	.19			.14	.08					.18	.04	.02			.03					1.77
Freeman Sprgs.	Arkansas				T.	.98	.02	.67						.14	.20			.19	T.														2.47
Fulton	Red					.48		.70						.32			.28					.35	1.36		.35								3.84
Georgetown	White					.13		1.82						.16				.08					.61		.12			.10					3.03
Gilbert	White					.15									.10			.17	.03			T.	T.	.34	.17	T.	T.						0.96
Graysville	Arkansas				.32		.50	.01						.48	.44		T.	.20					.06			.06							2.07
Harrison	White				.09		.41							.24	.22		.10	.50				.08			T.								1.64
Helena	Mississippi					.18		1.08						.40	.08				T.			.02	.52	.01	.06								2.35
Higden	White				.17	.08	.40							.20	.19			.30					.40	.12				.04					1 91
Hope	Red				.70		1.20						.18	.02		.16					T.												3.33
Hot Springs	Ouachita				.80						.30	.91						.15	.30					.25									2.46
Index	Red					.32		.72						.39	.02		.17	.03				.50	1.17	.06	.07								3.45
Jonesboro	White				.06	.22	.64	.21	.02					.05				.14					.37	.30									2.01
Junction	Ouachita				.43		1.12				T.		.38	.30				T.					.92		T.					T.			3.15
Lambrook	White				.19		1.10						.45											.50	.20						.15			2.59
Lead Hill	White				.20		.20	T.						.16	.26			.28						.24		T							1.43
Little Rock ***	Arkansas				.34	T.	1.20						.08	.10			T.	T.			.07	.05	.54	.18						.01			2.57
Lurton	White				.7	.02	.73	T.	T.				.06	.32	.05		.50	.15			T		.13	.42				T.					3.08
Lutherville	Arkansas				.94		.54							.17	.15			.03					.21	.07									2.11
Magnolia	Red				.77		.19						.27	.12		.14						.97		.21									2.67
Malvern	Ouachita					.50		1.20						.15	.05							.11	.83	.03	.15								3.02
Mammoth Spg.	White					.50		.50							.15			.60	T.			T.	.21	.59		T.							2.55
Marianna	Mississippi						.28	.73						.27	.10						.05		.44	.04						.09			2.60
Marked Tree	Mississippi					.41		.52						.20	.07				.03				.42	.17	21	T.							2 03
Marshall	White				.05		.45							T.	.12			.17	T.		T.		T.	.75	.06								1.60
Mena	Ouachita					.65	.01	.55						.20	.06			.01	T.		.13	.06	.32	.05									2.04
Morrillton	Arkansas					.45		.25							.17								.35										1.22
Mount Ida	White				.48		.67							.42							.39		.27	.10									2.33
Newport	White					.26		.85						.16	.03				.02				.35	.16	.20									2.03
Osceola	Mississippi												.25										.86		.39								1.50
Ozark	Arkansas				T.	.62								.63	.24			.40	T.		T.		T.	.05			T.						1.94
Paragould	Mississippi					.52	.82							.25	.13			.09	T.				.45	.15	.41					.04			2 86
Patterson	White					.28		1.21						.18	.05								.50										2.22
Piggot	Mississippi				T.	.47	.28	.50						.26	.16			.19					.45	.58						.06			2.95
Pindall	White				.34		.25						.05	.03			.24				.05	.02	.06	.20									1.24
Pine Bluff	Arkansas					.30	T.	.28						.22	T.		.01	T				.02	.80	.02	.30								1.95
Pocahontas	White					.32	.45	.12						.28	.08			.22					.45	.55									2.47
Portland	Ouachita							1.03						.60	.12	T.	.22		.15				.46		.16								2.74
Prescott	Ouachita				.90		1.10						.17	.40	.08							.33	.98	.08									3.64
Princeton	Ouachita						.98	.25															.87										2.50
Rison	Ouachita					.40		.25					.22										.82	.10									1.79
Rogers	White				.52		.58		.05					.20	.29		T.	.35			T.	.23		T.		.24							2.46
Searcy	White				.20	.22	1.00							.18	.02			.05					.60	.26			.03							2.56
Springbank	Red				T.	.60	T.	.05						.42	T.		.16					T.	1.50	T									2.73
Story	Ouachita				.56		.12	.22					.10	.20				.08			.25	.08	.30	.03	T.								1.94
Stuttgart	Arkansas				.18		.33						.23	.03							.33	.75	.02							.13			2.00
Subiaco	Arkansas				.48	.01	.38						.05	.10	.12		T	.25				T.		.39						T.			1.78
Texarkana	Red					.18		1.62						.40			.71	.06					1.52		.20								4.69
Thornburg	Arkansas				.36	T.	.40						T.	.06	.06			.02	T.		.02		.39	.05									1.36
Waldron	Arkansas				.31		.44						.18	.12			.18		T.		.05			T										1.28
Warren	Ouachita				.33		.33						.38	T.		T.							.65		.50									2.19
Waters	Ouahita				.56		.48						.19	.11			.05					.14	.22	.19										1.94
Whitecliffs	Red					.34		.47						.36					.05				1.92										3.09
Wilson	Mississippi					.42		.70					.30	.20									.80		.30									2.77
Wynne	Mississippi					.18		.54						.15	.10				T.			T.		.42	.20			T.						1.59
Yancopin	Arkansas					.16		.82						.32	.14		.02		.03				.46	.03	.62									2.60

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. (|) For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measurement.

Daily Temperatures for February, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	61	60	68	64	65	65	65	64	68	61	71	70	67	59	53	54	58	53	55	49	55	56	54	47	44	50	60	67	61			59 4
	Minimum	28	30	42	52	57	69	43	39	30	32	31	40	46	36	34	28	37	23	21	33	38	43	37	24	29	23	35	30	42			35.9
Batesville§§	Maximum	50	66	66	61	66	67	56	47	53	60	71	58	53	47	45	47	48	32	51	51	50	50	47	40	41	47	58	65	57			53.9
	Minimum	25	20	23	35	52	53	48	43	40	24	24	30	38	38	25	24	24	17	13	26	25	35	44	21	21	16	29	24	25			29.7
Bentonville	Maximum	44	56	61	57	62	64	52	40	46	56	66	60	47	42	46	47	31	24	52	45	54	55	45	31	37	46	55	63	49			49.4
	Minimum	28	30	41	53	52	52	39	34	30	29	35	37	38	28	27	26	20	14	18	31	31	42	18	14	18	21	32	34	33			31.2
Bee Branch	Maximum	52	54	65	63	67	66	62	52	54	56	68	65	60	51	58	46	45	38	54	54	52	54	50	48	42	47	55	65	65			55.4
	Minimum	28	26	32	46	52	57	46	42	38	27	32	33	46	34	28	29	33	17	16	32	32	41	30	29	24	19	32	29	35			33.3
Booneville	Maximum	54	62	71	65	75	70	67	55	54	58	71	65	55	50	53	48	44	36	62	55	53	60	54	41	43	52	58	70	62			57.3
	Minimum	28	33	42	56	55	60	47	43	31	27	30	33	46	34	31	35	32	21	19	40	39	44	32	21	26	19	31	27	40			35.2
Brinkley	Maximum	53	58	67	67	65	74	63	54	50	57	69	68	62	53	46	52	50	44	51	49	58	54	56	38	40	46	55	65	63			56 1
	Minimum	25	24	36	47	56	58	52	41	41	27	33	33	49	38	29	26	35	21	17	34	32	44	37	23	25	19	29	29	39			34.4
Calico Rock§§	Maximum	50	61	71	54	73	65	53	46	52	63	72	68	53	52	53	49	45	32	59	51	54	54	48	40	41	53	62	72	59			55.7
	Minimum	24	22	24	31	49	49	51	42	39	24	25	24	30	36	34	34	34	18	14	19	25	34	41	19	19	17	22	23	23			29 2
Camden§§	Maximum	57	63	68	61	67	67	66	63	52	59	70	65	56	54	44	52	54	43	58	58	59	63	64	37	47	52	58	67	64			58.2
	Minimum	35	32	32	44	53	58	47	44	33	33	30	30	35	36	33	28	29	26	20	23	31	38	45	26	26	24	25	29	30			33.6
Center Point	Maximum	59	58	66	64	66	67	66	60	58	61	68	60	52	55	52	49	53	42	57	52	53	58	55	38	41	49	59	66	64			56.5
	Minimum	34	35	48	42	57	60	44	41	35	35	38	44	45	31	35	32	37	23	24	40	37	43	37	24	28	29	38	38	43			37.9
Conway	Maximum	54	56	68	63	69	65	63	54	56	58	69	64	60	52	46	50	47	38	56	50	53	53	52	40	43	50	57	68	60			55.7
	Minimum	28	28	41	50	54	58	45	45	41	29	33	34	47	36	30	28	35	21	18	41	37	44	32	22	28	21	36	28	40			35.5
Corning	Maximum	64	60	58	62	68	70	70	64	54	70	76	66	66	53	53	54	44	50	48	50	51	51	46	41	44	51	61	74	59			57.9
	Minimum	26	20	28	46	53	52	50	44	34	25	35	37	48	38	27	28	16	21	24	30	28	27	29	20	18	22	28	29	34			31.4
Dardanelle	Maximum	52	55	66	63	71	67	66	65	52	65	65	61	59	54	49	47	47	39	54	57	50	53	50	40	42	47	58	70	65			56.2
	Minimum	31	34	42	54	53	58	50	46	39	32	36	36	48	36	34	37	35	20	20	41	39	37	42	24	28	22	36	30	41			37.3
Dumas	Maximum	60	73	74	67	72	74	68	64	51	56	71	69	68	55	47	51	53	49	52	52	63	59	49	65	54	47	56	67	68			60.5
	Minimum	37	30	40	48	52	57	51	44	38	32	34	34	48	39	32	27	36	24	19	31	39	39	32	40	29	29	30	32	40			36.7
Dutton	Maximum	48	53	62	58	62	60	60	48	50	52	60	57	54	45	46	40	38	28	50	50	52	47	48	35	35	41	54	63	55			50.0
	Minimum	24	26	29	44	53	49	39	36	29	20	26	27	41	26	22	27	24	12	18	30	26	39	24	12	18	11	24	21	35			28.0
El Dorado	Maximum	56	65	67	60	67	67	67	65	56	61	70	66	65	55	47	55	54	46	58	59	57	66	64	44	47	53	59	66	66			59.6
	Minimum	38	37	44	53	58	57	51	45	37	35	36	38	47	35	36	30	37	26	25	34	38	44	44	28	29	27	38	36	42			38 8
England	Maximum	55	60	68	62	64	72	64	56	51	59	71	68	58	55	41	51	52	40	55	45	61	55	56	35	..	48	61	68	61			56.9
	Minimum	29	28	40	48	56	56	49	44	42	31	35	35	48	38	31	29	35	23	20	33	35	45	23	24	..	30	36	30	29			35.8
Eureka Springs	Maximum	50	57	64	58	64	64	61	44	50	57	68	61	56	45	47	39	33	28	53	49	55	59	54	36	39	49	57	65	58			52 4
	Minimum	28	31	44	54	55	56	39	36	31	30	40	42	43	28	25	24	24	12	18	29	31	40	21	12	18	23	31	40	36			32 4
Fayetteville	Maximum	48	55	60	58	..	66	60	44	48	57	66	62	55	46	47	44	34	26	..	48	54	58	51	35	38	45	56	64	57			51 2
	Minimum	29	30	41	53	..	55	40	40	29	26	38	34	44	29	26	27	26	13	..	31	30	42	21	15	16	18	29	33	38			31 6
Fort Smith	Maximum	55	58	63	60	72	69	57	50	54	57	67	59	51	49	52	43	37	33	58	52	55	61	50	41	40	48	57	68	59			54 3
	Minimum	35	35	45	55	56	54	46	43	37	34	37	40	35	33	35	32	25	21	22	43	40	45	25	21	26	24	36	33	38			36.2
Gravette	Maximum	44	56	58	60	62	65	61	43	45	56	66	60	54	48	46	43	34	26	50	45	56	58	59	52	37	47	55	64	57			51.9
	Minimum	28	29	41	41	50	56	39	36	28	24	34	39	42	28	25	27	23	14	18	18	32	19	22	13	15	19	29	29	37			29.5
Harrison	Maximum	49	67	72	62	68	62	62	57	53	64	76	64	53	52	41	46	61	35	61	50	56	53	66	38	42	54	63	72	60			57 2
	Minimum	26	23	36	52	52	54	43	38	33	24	34	31	34	30	24	25	26	14	14	30	27	38	24	14	19	16	31	25	37			30 1
Helena	Maximum	52	58	69	67	62	72	65	57	50	55	68	68	65	53	42	51	49	47	49	46	60	54	62	37	40	46	53	64	64			56.0
	Minimum	29	27	42	53	57	55	49	45	34	30	37	43	49	39	32	29	36	21	18	33	36	44	35	24	25	23	30	35	41			36.2
Hope	Maximum	58	64	70	60	74	68	66	64	55	62	72	63	56	57	45	54	57	45	54	53	64	64	61	35	49	55	68	70	68			59 7
	Minimum	32	32	41	54	58	60	48	44	34	35	36	45	42	37	34	28	36	25	23	34	40	42	35	26	26	25	30	31	40			37.0
Jonesboro	Maximum	44	55	66	60	65	69	62	52	50	56	69	66	61	52	40	48	45	36	48	48	48	47	50	34	37	45	55	63	60			52.8
	Minimum	29	24	30	46	50	55	51	44	40	28	38	38	48	38	29	30	34	16	18	34	32	40	32	21	24	21	30	34	39			33.2
Lambrook	Maximum	53	58	68	67	65	72	64	57	49	54	68	67	63	55	51	49	37	51	48	61	57	62	34	40	46	54	65	66				56.8
	Minimum	25	24	32	40	55	55	53	45	42	31	31	33	49	28	30	30	28	19	11	28	32	38	42	25	26	19	30	26	34			33.1
Lead Hill	Maximum	49	61	68	64	71	65	63	49	47	60	70	63	61	52	42	44	41	31	56	51	56	54	52	38	39	52	59	69	55			54.6
	Minimum	28	20	28	48	46	50	44	40	34	21	28	28	41	33	22	23	29	16	13	29	23	37	21	14	21	14	24	20	30			28 4
Little Rock	Maximum	53	56	68	61	64	68	61	52	52	57	71	64	52	50	41	51	49	32	54	45	55	53	55	36	41	46	56	64	57			53 9
	Minimum	33	33	45	52	57	58	48	43	42	36	39	42	44	36	36	33	30	22	22	39	39	41	29	24	29	27	38	35	40			37 8
Lurton	Maximum	43	51	60	55	61	58	56	43	46	54	65	58	45	40	..	40	38	23	48	43	49	45	48	31	32	42	53	61	51			47 8
	Minimum	29	30	38	20	52	55	40	35	30	29	39	44	34	27	..	25	19	10	15	29	33	38	15	12	17	21	29	36	32			29.8
Lutherville	Maximum	53	55	65	62	69	66	62	53	52	55	64	60	57	48	49	44	41	32	56	51	49	50	50	38	41	48	55	66	59			53.4
	Minimum	28	29	38	52	53	58	45	43	32	32	32	37	46	32	33	32	30	17	18	39	36	42	30	19	25	21	32	31	41			33.8
Magnolia	Maximum	55	66	70	67	69	67	64	63	58	59	69	68	60	58	48	50	53	60	57	55	67	65	64	43	47	52	57	60	67			60 0
	Minimum	35	35	44	54	58	59	48	42	36	35	34	37	46	34	35	30	39	25	30	38	37	34	33	26	28	29	37	35	40			37.7
Malvern	Maximum	52	55	71	65	65	67	64	69	55	61	71	67	60	55	51	54	53	41	54	54	59	55	53	41	46	48	60	66	61			57.7
	Minimum	29	31	40	48	57	60	45	48	43	30	30	33	47	37	31	27	38	24	18	30	38	44	38	24	27	21	36	27	36			35.8
Mammoth Spg	Maximum	48	55	50	67	70	63	63	52	55	60	71	69	64	54	40	52	49	40	51	50	49	47	49	37	37	49	59	67	62			54 4
	Minimum	27	19	36	36	54	53	47	39	36	22	32	32	37	35	26	28	32	13	13	27	29	38	29	17	22	17	25	24	34			29.6
Marianna	Maximum	50	57	65	68	73	73	66	63	51	61	66	68	65	54	51	58	50	48	50	50	69	55	64	40	39	54	55	65	65			58.4
	Minimum	28	36	35	44	57	57	54	45	41	31	36	38	38	40	32	32	38	23	20	29	35	45	37	24	26	23	26	34	40			35.7
Marked Tree§§	Maximum	44	56	66	64	64	71	62	52	45	57	68	66	61	50	43	47	44	33	46	47	53	46	54	34	40	44	48	60	60			52.6
	Minimum	20	20	34	41	52	56	46	40	27	28	36	40	39	28	27	28	17	16	20	29	34	38	22	22	19	21	27	30	29			30 6
Marshall	Maximum	53	53	68	62	71	66	61	55	48	57	70	63	60	50	43	44	43	32	52	54	58	51	53	36	43	49	57	66	58			54.3
	Minimum	30	28	38	53	53	58	47	40	34	24	32	33	46	32	24	25	31	16	15	33	34	42	30	16	22	18	32	28	37			32.8
Mena	Maximum	55	57	66	60	69	65	60	54	53	59	67	58	59	50	48	47	46	36	51	51	50	60	54	38	42	47	58	65	58			54.2
	Minimum	33	30	42	58	54	58	42	38	35	31	35	36	43	31	31	30	32	20	19	36	35	40	29	21	26	21	31	30	44			34.9
Morrilton§§	Maximum	53	56	70	59	71	64	55	51	54	60	69	64	55	49	47	48	46	34	52	49	52	54	48	40	45	51	58	69	58			54.5
	Minimum	30	30	29	43	53	58	50	46	42	33	33	37	40	36	32	32	33	22	19	27	39	39	43	23	23	22	30	30	31			34 7
Mountain Home	Maximum	49	62	69	62	75	62	62	47	50	61	73	70	59	51	42	47	42	32	57	50	55	50	49	39	40	50	60	68	57			53.8
	Minimum	30	24	33	51	50	55	45	39	35	23	32	34	47	32	24	26	28	15	14	30	27	37	27	15	22	17	27	25	38			31.1
Mount Ida	Maximum	56	62	70	63	65	65	65	57	56	62	72	61	53	53	47	50	52	40	59	52	52	60	56	38	45	54	62	65	58			56.9
	Minimum	23	24	37	52	58	60	38	37	29	25	26	27	46	35	27	24	34	22	13	29	35	43	33	23	28	15	32	22	40			32.3
Newport	Maximum	51	58	61	65	65	70	62	54	54	61	71	68	61	53	49	53	47	36	59	52	52	48	50	38	43	49	58	66	61			55 4
	Minimum	28	24	34	47	55	55	49	45	40	28	34	36	40	38	29	28	35	18	18	33	32	40	33	22	25	20	33	28	40			34.0
Osceola	Maximum	42	48	60	65	62	71	65	60	48	62	64	67	44	44	46	48	44	34	45	51	48	52	36	40	45	48	38	60	64			51.5
	Minimum	34	17	32	40	45	50	54	40	37	28	30	36	25	30	34	26	31	16	17	22	24	30	20	22	22	20	24	28	36			30 0
Ozark§§	Maximum	..	.	66	72	74	67	57	48	56	60	69	61	51	52	50	49	42	46	58	54	50	58	38	40	46	51	57	70	60			55.6
	Minimum	..	..	..	35	51	60	47	44	31	29	30	33	46	34	30	33	34	21	19	23	40	43	34	20	21	21	30	29	39			33 4
Pine Bluff	Maximum	60	66	74	60	64	72	67	63	51	65	76	74	54	59	47	57	56	44	59	45	62	56	62	37	45	54	59	60	62			59.0
	Minimum	31	31	39	53	57	58	50	43	43	35	35	36	49	39	34	30	38	24	20	34	35	45	36	25	28	23	35	35	43			37 4
Pocahontas	Maximum	49	55	63	66	65	69	61	61	54	60	75	69	62	50	41	52	46	38	49	53	49	47	46	40	41	47	59	68	61			55.0
	Minimum	29	20	29	46	54	53	59	43	34	21	34	48	48	36	27	30	32	15	15	30	30	37	30	19	18	18	27	27	35			32.6
Portland	Maximum	56	62	67	68	68	75	70	68	65	61	73	69	70	65	52	51	53	49	57	60	60	63	68	46	42	47	58	68	68			61.3
	Minimum	39	35	37	50	54	52	54	45	37	33	34	35	49	37	34	30	37	26	22	33	35	48	46	29	29	25	34	30	40			37.6
Prescott	Maximum	56	61	71	72	71	68	61	58	64	63	66	71	66	63	60	52	53	49	57	52	58	63	66	50	48	52	58	67	61			60.4
	Minimum	32	31	38	45	59	49	47	40	35	34	33	39	41	38	42	30	37	24	28	35	33	42	44	25	28	27	34	32	36			36.5
Rison	Maximum	57	65	69	63	67	70	66	63	58	60	73	68	64	55	51	52	54	50	57	56	62	60	66	64	61	57	57	67	62			61 2
	Minimum	34	31	43	52	55	57	50	43	43	32	36	37	47	38	33	28	32	24	20	54	36	44	40	25	27	24	34	35	42			37.1
Rogers	Maximum	50	56	60	59	63	66	61	44	48	59	67	63	56	45	45	43	37	37	53	49	56	58	52	36	38	48	57	66	59			52.8
	Minimum	29	23	35	50	51	56	39	36	29	23	30	30	43	28	24	21	27	13	16	31	32	42	22	14	19	16	29	24	37			30 1
Searcy	Maximum	50	55	65	65	66	67	63	53	54	57	70	66	63	52	46	49	48	44	51	51	54	53	50	38	40	53	56	66	64			55.5
	Minimum	28	25	31	44	52	53	47	44	40	29	35	33	48	37	29	28	36	20	17	34	33	43	35	22	26	20	32	27	34			33.9
Stuttgart	Maximum	60	52	70	66	65	72	63	57	49	56	67	67	61	53	47	59	50	43	53	50	58	56	58	49	40	47	55	64	63			56.9
	Minimum	29	30	41	49	55	57	50	45	41	30	37	36	49	39	32	28	37	23	21	34	37	44	37	24	27	23	34	35	40			36.7
Subiaco	Maximum	..	..	70	63	79	68	66	60	55	59	70	62	53	53	52	44	43	33	54	53	54	57	50	43	45	52	57	72	63			56.7
	Minimum	..	..	40	55	50	60	43	44	33	33	42	36	47	34	33	35	32	20	19	36	38	43	32	22	21	20	35	30	42			36.1
Texarkana	Maximum	63	63	70	64	73	69	68	65	64	73	73	73	60	57	50	53	47	47	63	57	55	63	52	46	53	53	63	70	71			61.3
	Minimum	34	32	43	43	52	54	45	40	39	33	32	37	44	38	40	32	35	25	30	35	38	42	40	27	29	29	39	39	41			37.5
Thornburg	Maximum	55	58	63	68	68	63	63	50	53	58	70	65	56	50	44	48	48	31	56	55	53	55	55	35	48	51	56	66	56			55 1
	Minimum	22	24	30	35	55	58	40	40	38	32	27	26	45	33	25	20	31	19	19	32	33	42	31	20	21	12	30	20	45			31.2
Warren	Maximum	54	63	64	62	65	69	64	64	59	56	68	66	62	56	51	53	51	51	54	56	59	57	64	44	41	49	55	65	63			58.1
	Minimum	35	42	52	52	55	52	46	40	38	42	35	50	40	38	27	38	26	22	36	36	45	50	27	29	25	37	35	42	36			38.9
Wilson	Maximum	45	52	62	67	67	71	67	62	51	65	69	69	64	55	49	47	45	34	45	49	54	50	47	39	45	44	52	63	60			54.8
	Minimum	25	17	35	47	47	50	52	44	40	28	34	36	44	37	28	28	31	17	16	35	28	42	20	20	20	19	29	33	40			32 5
Wynne	Maximum	49	56	68	66	66	73	64	50	50	52	70	67	61	52	44	51	48	39	49	51	57	52	48	38	39	47	55	64	62			54.8
	Minimum	31	27	39	47	55	57	50	43	41	27	35	37	49	38	29	27	37	20	18	30	34	41	35	23	25	22	37	31	39			35.3

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., MARCH, 1928 No. 3

GENERAL SUMMARY

The month opened with temperatures generally below the seasonal average. Daily means were also below normal from the 15th to the 20th and the last two or three days of the month, above during the remainder of the month with positive departures of 12° to 18° about the 12th, 24th, and 25th. The monthly mean for 58 stations was 52.7° which is normal for March. Means ranged from 46.8° at Dutton to 58.4° at Texarkana, a difference of 11.6° between the northwestern and southern sections of the State. The highest temperature recorded was 92° at Helena on the 29th, the lowest, 20° at several stations on the 2d and 19th. Killing frost or freezing temperature occurred over practically the entire State on the morning of the 31st, but little damage resulted.

The average precipitation for 89 stations was 2.53 inches which is 2.21 inches below normal, all stations except Helena and Lambrook having less than normal rainfall. Most of the rain fell from the 4th to the 9th and from the 15th to the 17th, showers during the last decade being negligible. Monthly totals ranged from 0.73 inch at Mountain Home to 6.91 inches at Lambrook. The greatest 24 hour amount was 5.05 inches measured at Lambrook on the 9th. The average number of days with 0.01 inch or more precipitation was 6. The average snowfall for eight stations was 0.9 inch.

The light rainiall of the month was very favorable for farm work and preparation and planting were much further advanced than usual. Corn planting was in progress throughout the State at the close of the month, a small amount of cotton had been planted in the southern counties, and sweet potatoes were being bedded. The cold weather retarded vegetation and fruit. Pindall, Searcy County, reported heavy hail on the 25th, stones 1 1-2 inches in diameter falling, but damage was slight.

W.C.H

Corrections: February, 1928

Dutton:--Highest temperature should be 63° on the 28th. Junction:--Partly cloudy and cloudy days should be 7 and 8. Ozark:--Monthly mean temperature should be 44.5°, departure +1.6.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--3d, 6; 4th, 14; 5th, 1; 6th, 1; 7th, 1; 8th, 26; 9th, 7; 11th, 6; 12th, 1; 14th, 7; 15th, 33; 16th, 4; 19th, 1; 23d, 1; 24th, 2; 25th, 10; 26th, 2; 29th, 3.

SOLAR HALOS:---2d, 1; 5th, 1; 12th, 1; 13th, 2; 22d, 1.

LUNAR HALOS:---4th, 1; 6th, 2; 31st, 1.

DENSE FOG:------4th, 1; 8th, 2; 9th, 1; 24th, 1; 26th, 1.

HEAVY HAIL:----Pindall, 25th.

Supplemental Precipitation Table

Stations	Counties	Elevation, feet	Length of record, years	Precipitation, inches: Total	Departure	Greatest in 24 hours	Total snow unmelted	Number of Days: Precip., .01 in. or more	Clear	Pdy. cldy.	Cloudy	Wind direction
Cold Springs	Scott	1250	2	1.21	.....	0.66	0.0	4	9	15	7	sw
Eagleton	Scott	1000	2	1.03	.....	0.63	0.0	4	20	5	6	w
Evening Shade.	Sharp ...	....	3	1.33	.....	0.41	T.	7	17[a]	1[a]	10[a]	s
Grannis.....	Polk	900	7	2.02	.....	1.35	0 0	9	10	12	9	ne
Oden	Montgomery	800	2	1.61	.....	0.70	0.0	5	12	11	8	sw

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.98	30.44	2	29.51	26	5,018	36	nw.	26	.....	.....	61
Fort Smith	29.97	30.44	2	29.38	28	6,146	33	e.	15	74	62	64
Little Rock.	29.99	30.43	2	29 48	28	6,452	33	n.	26	75	50	58
Memphis	30.01	30.45	2	29.53	26	5,632	32	w.	15	77	62	57

COMPARATIVE DATA FOR MARCH

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**52 7**		**96**		**1**		**4.74**		**13**	**7**	**11**	**8**
1891.....	46.7	−6.0	79	20	10	4	5.10	+0.36	11	9	11	10
1892.....	47.9	−4.8	84	31	9	18	3.44	−1.30	14	8	9	7
1893.....	50.1	−2.6	82	22	5	4	3.55	−1.19	16	6	9	8
1894.....	54.6	+1.9	88	13	8	26	9.84	+5.10	14	7	10	9
1895.....	51.8	−0.9	91	28	10	4	5.39	+0.65	13	7	11	10
1896.....	48.7	−4.0	85	31	12	13	5.28	+0.54	10	7	14	8
1897.....	55.9	+3.2	88	21	13	14	9.76	+5.02	10	7	14	15
1898.....	54.5	+1.8	88	16	18	3	5.96	+1.22	10	9	12	9
1899.....	50.6	−2.1	87	22	1	6	2.97	−1.77	12	9	10	7
1900.....	51.2	−1.5	90	12	7	1	2.50	−2.24	15	7	9	7
1901.....	51.5	−1.2	86	2	4	6	4.67	−0.07	14	8	9	6
1902	52.6	−0.1	89	26	14	18	5.34	+0.60	12	10	9	7
1903.....	54.8	+2.1	85	7	11	1	5.56	+0.82	10	9	12	8
1904	55.3	+2.6	90	21	12	4	5.64	+0.90	11	11	9	8
1905.....	57.1	+4.4	92	27	26	2	5.31	+0.57	10	10	11	9
1906..... ...	45.2	−7.5	88	26	10	20	5.69	+0.95	8	6	17	11
1907..... .	61.9	+9.2	96	21	25	2	3.22	−1.52	14	8	9	6
1908.....	59.5	+6.8	93	16	21	10	3.79	−0.95	11	9	11	8
1909.....	52.7	0.0	84	2	16	15	3.71	−1.03	13	8	10	8
1910.....	60.7	+8.0	92	23	22	2	1.39	−3.35	20	7	4	3
1911.....	56.6	+3.9	94	9	15	16	2.17	−2.57	16	9	6	6
1912.....	45.8	−6.9	86	19	10	1	7.86	+3.12	7	7	17	12
1913.....	49.7	−3.0	88	31	8	2	4.74	0.00	14	9	8	7
1914.....	50.0	−2.7	86	30	4	20	5.13	+0.39	12	8	11	9
1915.....	42.5	−10.2	73	28	14	1	3.54	−1.20	9	7	15	7
1916.....	54.5	+1.8	91	21	11	3	1.93	−2.81	16	6	9	5
1917.....	53.0	+0.3	87	26	9	5	5.32	+0.58	14	5	12	11
1918.....	57.9	+5.2	96	5	16	14	1.31	−3.43	11	8	12	4
1919..... .	53.2	+0.5	86	22	11	1	5.47	+0.73	17	5	9	5
1920.....	51.8	−0.9	88	27	2	7	5.31	+0.57	14	5	12	8
1921.....	60.6	+8.1	92	16	18	29	6.55	+1 81	11	8	12	9
1922.....	51.7	−1.0	83	28	7	3	8.58	+3.84	12	6	13	11
1923.....	49.6	−3.1	88	22	2	18	5.04	+0.30	15	5	11	8
1924.....	46.6	−6.1	84	29	5	10	3.27	−1.47	13	6	12	8
1925.....	55.9	+3.2	89	25	7	2	1.69	−3.05	18	6	7	4
1926..	48.6	−4.2	86	24	11	8	5.57	+0.83	13	6	12	9
1927..	53.5	+0.8	87	19	5	3	7.20	+2.46	12	7	12	12
1928.....	52.7	0.0	92	29	20	2†	2.53	−2.21	14	7	10	6

Climatological Data for March, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	33	55.5	+0.5	87	28	29	20†	45	0.84	−4 42	0.31	0.0	4	13	11	7	sw.	G. C. Thrash
Arkadelphia	Clark	260	32	.....	.....	.....	.....	.....	.....	.....	1.99	−3.11	0.82	0.0	6	20	2	9	s.	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	4.01	−1.41	1.10	0.0	9	16	0	15	.....	Carl R. Cutting
Arlberg	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	1.53	.....	0.62	0.0	5	7	18	6	ne.	J. D. Reeves
Batesville	Independence	277	29	49.0	−3.2	81	26	24	2†	51	2.37	−1 75	0.98	T	7	19	0	12	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	51.1	−1.5	79	26†	27	5	40	2.64	−2.54	0.76	0.0	7	13	2	16	n.	J. E. Scanlan.
Bentonville	Benton	1303	23	49.0	+1.7	80	25	23	5	36	2 63	−1.19	1.09	1.6	7	17	9	5	s	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	2.06	−2.16	0.73	T.	6	20	0	11	s.	Vernon C. Howe
Booneville	Logan	465	14	53.6	−2.8	84	25	28	1	42	1.58	−1 84	0.56	0.0	7	17	6	8	e.	F. H. Randolph
Brinkley	Monroe	205	41	53.0	+0.6	83	26	28	18†	37	2.65	−3.32	1.15	0.6	5	12	11	8	ne.	R. J. Torry
Calico Rock	Izard	361	24	49.4	+1.5	86	22	23	2†	55	2.55	−1.02	0.88	T.	7	7	17	7	s	W. J. Copp
Camden	Ouachita	158	43	54.6	−1.4	86	26	31	31	42	3.54	−1.63	1.44	0 0	7	9	9	13	sw.	A. B Quarterman.
Center Point	Howard	470	29	56.6	−0.4	87	25	31	19	35	2.05	−3.02	0.94	T.	7	12	9	10	e	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	3.00	−2 29	1.12	0.0	5	15	1	15	s.	J. W Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	1.78	.....	0.70	0.0	4	7	15	9	sw.	A. L. Stephens
Conway	Faulkner	309	45	53.4	−0.4	82	28	29	1	41	3.82	−0.87	1.69	0.0	8	19	7	5	s.	E. E Cordrey
Corning	Clay	293	35	52.4	+1.2	83	22	24	17	40	2.83	−1 87	1.01	0.0	5	20	5	6	w.	Winfred D. Polk
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	1 53	.....	0.40	0.0	5	17	0	14	n.	J. O. Linck
Dam No. 1‡‡	White	190	5	.....	.....	.....	.....	.....	.....	.....	4.06	.....	1.82	T.	4	18	5	8	sw.	J. O. Yingling
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	2.21	−2.09	1.50	0.0	3	8	19	4	w	C. P. Evans
Dardanelle	Yell	330	42	54.4	+2.0	83	28	32	20	40	1.60	−2.86	0.51	0.0	6	8	19	4	e.	G. N. Goodier, Jr
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	2 04	.....	0.74	0.0	5	20	1	10	.....	H. G. Fate
Dumas	Desha	162	22	54.3	−3.1	87	26	30	18	38	4.55	−1 30	1.47	T.	9	9	11	11	s.	Ben Johnson
Dutton	Madison	1590	25	46.8	−1.3	80	25	20	2†	45	1.96	−2.44	0.76	T.	7	13	11	7	s	J. M Ricketts
El Dorado	Union	270	27	57.6	+1.2	88	26	35	19†	48	3.79	−0 65	1.33	0 0	10	9	12	10	sw.	J. J Babb
England	Lonoke	229	21	54.5	−0.7	84	26	32	18	38	2.28	−3.06	1.00	0.0	6	13	10	8	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	50.8	−0.2	82	25	22	5	38	3.65	−0 27	1.41	0.5	7	8	13	10	sw	Geo. W. Nicholds
Fayetteville	Washington	1451	41	50.6	+0.7	79	28	23	5	39	2 88	−1.20	1.71	T.	6	14	11	6	s.	University of Arkansas
Fort Smith	Sebastian	457	47	53.1	+0.5	83	12	33	5	36	1.34	−1.67	0 51	T.	7	10	10	11	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	1.78	.....	0.60	1.	5	17	6	8	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	1 72	−2.85	0.88	0.0	6	13	8	10	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	2 30	−3.43	0.75	0.0	8	15	2	14	u	W. R Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	2.17	.....	0.70	T.	5	18	6	7	.....	Ben F. Battenfield
Gravette	Benton	1250	31	50.6[b]	+0.8	80[b]	25	22[b]	5	37[b]	2.65	−1.05	1.22	1.5	5	14[a]	6[a]	10[a]	sw.	A. F. Stevens
Harrison	Boone	1052	27	50 0	+1.4	85	22†	23	5	46	1.81	−1.36	0.78	T.	3	19	7	5	.....	G. L. Wright
Helena	Phillips	250	56	54.2	+0.4	92	29	28	18	36	6.39	+0.21	3.48	0.5	10	11	0	20	ne.	James A. Burnett
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	2.71	.....	0.87	0.0	6	10	12	9	n.	Geo. W. Baker
Hope	Hempstead	377	57	57.3	−0.7	89	25	33	19	40	3.22	−2.08	1.01	0.0	6	21	4	6	e.	N. P. O'Neal
Hot Springs	Garland	600	37	51.2	−3.1	83	28	23	2	43	1.20	−4.08	1 20	0.0	1	15	10	6	.....	G. C Bolton
Huttig‡‡	Union	175	21	.....	.....	.....	.....	.....	.....	.....	2.80	−2.87	1 78	0.0	5	..	..	..	.....	O. Nile Moore
Index††	Little River	276	3	.....	.....	.....	.....	.....	.....	.....	2 06	.. ..	0.72	0.0	9	13	5	13	.. ..	H. G. Sanderson
Jonesboro	Craighead	345	33	51.5[a]	−1.3	81[a]	22	27[a]	5†	46[a]	2.10	−2 81	0.64	0.0	5	25[a]	1[a]	4[a]	ne.	Benedictine Sisters
Junction	Union	182	34	.....	.....	..	..	..	..	..	3 86	−1 53	1.30	0.0	6	..	..	..	.....	J. A. Lowderback
Lambrook	Phillips	155	5	52.2	.....	85	26	29	31	39	6.91	.....	5.05	1 5	6	18	2	11	s	Mrs. D. C. White
Lead Hill	Boone	650	1	49.2	.....	84	28	20	2	49	1.63	.....	0.74	T.	8	16	6	9	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	49	53.9	+0.9	82	28	34	5	34	1.70	−3.21	0.97	0.0	4	9	16	12	n.	U. S. Weather Bureau
Lurton	Newton	2100	3	47.4	.....	76	25	21	5	33	2.01	....	0.65	0.5	8	16	7	8	s.	I. C Sutton
Lutherville‡‡	Johnson	775	30	51.2	−1 2	81	28	28	5	40	2.06	−1.71	0.72	T.	8	14	4	13	e.	H. G. Lenhardt
Magnolia	Columbia	316	9	57.8	.....	85	25	33	19	37	5.56	.....	2 00	0.5	7	13	10	8	ne.	State Agri. School
Malvern	Hot Springs	277	41	54.8	+0.7	84	26†	30	20†	43	2.19	−3.06	0.79	0 0	6	18	3	10	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	23	50.3	−0.4	88	23	22	2†	48	2.23	−2.63	1.02	T.	5	11	14	6	se.	W. C Gregg
Marianna	Lee	235	16	53.6	−1 2	82	28	29	19	39	2.87	−2.81	0.93	T.	7	22	6	3	s.	C. N. Houck
Marked Tree	Poinsett	229	23	48.8	−2.4	80	21†	26	17	48	3.01	−2.00	1 22	T.	6	12	11	8	n.	Charles Walton
Marshall	Searcy	1070	14	50.6	−3 0	80	22	24	5	42	2.56	−1.69	1.20	T.	5	12	4	15	n.	A. J. Parks
Mena	Polk	1185	40	53.4	+0.8	85	25	30	20	39	1.38	−2.59	0 75	0.0	5	11	12	8	nw.	E. W. St. John
Morrilton	Conway	347	7	52.5	.....	81	28	31	1	39	2.66	.....	0.75	0.0	3	12	8	11	ne.	John Cook
Mountain Home	Baxter	800	14	49.4	−1.2	82	22†	22	5	44	0.73	−3.78	0.48	0.0	2	14	3	14	nw.	B. S. Hulbert
Mount Ida	Montgomery	650	29	52.8	−0.1	88	25	26	31	48	1.90	−2.91	0.72	0.0	4	15	5	11	sw.	G. A. Whittington
Newport	Jackson	231	44	52.6	0.0	82	22	28	18	39	2.39	−2.50	1.06	0.0	5	17	4	10	n.	A. C. Wilkerson
Osceola	Mississippi	240	30	52.0	−2.8	84	24	26	18	41	1.48	−3.94	1 05	0.5	4	16	7	8	s.	June Thomason
Ozark	Franklin	396	32	51.8	−1.6	83	23	31	2†	45	1.94	−2.21	0 46	T.	5	11	7	13	nw.	Isham Burrow
Paragould	Greene	301	2	.....	.....	.....	.....	.....	.....	.....	3.13	.....	1.39	0.0	5	19[d]	0[d]	8[d]	n.	W. R. Heagler
Patterson	Woodruff	196	12	.....	.....	.....	.....	.....	.....	.....	3 25	−3.36	1.28	0.0	4	16	6	9	n	W. E. Baker
Piggot	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	2.33	.. ..	0 80	T.	7	14	10	7	se.	V. C. Wright
Pindall	Searcy	1500	6	.....	.....	.....	.....	.....	.....	.....	2.23	.....	0.67	0.0	7	15	4	12	nw.	W. W. Wood
Pine Bluff	Jefferson	215	41	56.2	+1.4	89	26	33	18	41	4.39	−1.12	1.71	0.0	5	15	2	14	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	35	51.2	−0.4	84	22	24	18	40	2.24	−2.41	0 80	0.0	7	12	8	11	n.	Benedicitine Sisters
Portland	Ashley	122	22	58.0	−0.8	91	26	31	18	43	2.43	−2.83	1.12	0 0	7	14	5	12	n.	W. E. Edmiston
Prescott	Nevada	329	40	57.4	+1.5	85	26	33	18	40	2.83	−1.78	1.10	0.0	6	15	2	14	n	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	3.14	−1.98	1.50	0.0	4	15	7	9	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	56.3	+1.3	86	26	32	1†	38	4 11	−1.20	1.18	0.0	5	13	7	11	nw.	Mrs M. V. Tisdal
Rogers	Benton	1385	37	50.4	+1.0	82	25	20	19	44	3.12	−0.47	1.18	1.0	5	12	9	10	w.	Carl A. Starck
Searcy	White	236	19	51.7	−1.3	81	28	28	18†	39	2.51	−2.96	0.77	0.0	7	19	0	12	s.	J. T. Bell.
Springbank ††	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	2.88	−2.89	1.40	0.0	7	17	0	14	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	1.42	.....	0.66	T.	6	18	3	10	n.	S. C. Story
Stuttgart	Arkansas	228	41	54.0	0.0	83	26†	32	1	40	3.26	−2.51	1.21	0.0	6	10	13	8	se.	Adam F Buerkle
Subiaco	Logan	1050	31	53.3	+0 3	84	28	30	1	42	1 96	−0.85	0.67	0.0	8	12	4	15	s.	New Subiaco Abbey
Texarkana	Miller	332	42	58.4	−1.6	89	25	33	17	40	1.82	−2.37	0.85	0.0	4	15	5	11	n	H S. Brashear
Thornburg	Perry	650	4	50.3	.....	82	28	23	1	44	1.05	.....	0.84	T	.	14	11	6	n	Edward E. Holmes
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	1.21	.....	0.64	T.	2	9	9	13	ne.	Dr. Cheves Bevill
Warren	Bradley	206	34	56.6	+0.5	85	27	34	17	39	3.72	−1 86	0.30	0.0	5	16	6	9	sw.	W. L Shide
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	1.79	.....	0.68	T.	3	10	12	9	sw.	J. R. Hudleston
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	3.28	−0.91	1.35	0 0	3	17	3	11	ne.	Nannie O. Schirmer
Wilson	Mississippi	237	3	52.8	.....	80	22†	26	18	42	2.03	.....	1.20	0.0	4	15	10	6	n.	V. B. Rakestraw
Wynne	Cross	250	20	52.5	+0.9	88	23	26	18	38	2.67	−2.33	1.05	0.0	5	14	5	12	s.	E. O. Allen
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	4.55	.....	1.16	0.0	12	15	1	15	.....	W. E. Barton
State Means and Extremes				52.7	0.0	92	29	20	2†	55	2 58	−2 21	5.05	0.9	6	14	7	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports are used in section means. T Less than 0.01 inch rain or melted snow. ††Received too late for in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡P. O. addresses are as follows: Index, Route A., Texarkana; Dam No. 1, Judsonia; Junction, R.F.D. 3, Junction City; Lutherville, R. D No 1, Tanar; Springbank, Doddridge, Ark.

Daily River Stages for March, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.8	6.6	6.6	6 4	6 6	6 6	6.4	6.2	6.8	8 7	9.8	10.2	9.4	8.5	7.8	7.9	9.8	12.2	14.1	14.4	13.8	13 4	12.8	12.0	11.0	10. 0	9.2	8 6	8.2	7.9	7.5
Ozark	do	22	3.1	3 0	2.8	2 9	2.8	2.9	2.8	2.8	2.9	3.0	4.9	6 1	5.9	4.8	4.6	3.9	3.4	7.2	10.2	11.3	10.9	10 1	9.4	8.6	7.6	6.5	5.6	5.0	4.7	4.1	3.6
Dardanelle	do	20	5.2	5.1	4.9	4.6	4.8	4.8	4.7	4.7	4.7	5.8	6.5	7 0	7.7	7.2	6.5	6.1	6.0	7.2	9.4	11 7	12.0	11.6	11.0	10.2	9.4	8.7	7.8	7.2	6.6	6.2	6.0
Morrillton	do	20	2.9	2 8	2 7	2 6	2.5	2.5	2.7	2.8	2.8	3.0	3.6	4.2	5.0	5.3	4.5	4.0	4 0	4.0	5.5	9.5	11.0	10.5	9.8	9 5	8.5	7.0	6.5	5.0	5.0	4.0	4.0
Little Rock	do	23	3.8	3 6	3.4	3.3	3.1	3.2	3.2	3.2	3.3	3.5	3 8	4.5	5.6	6.4	6 5	5.9	5.6	5 3	5.4	7.8	11.0	11.5	11.2	10.2	9.8	9.0	7.9	6.9	6.0	5.4	4.8
Pine Bluff	do	25	8 3	8.1	7 9	7.8	7.6	7 6	7 7	7 8	8.3	7.9	8.7	8.2	9.1	10.0	10.7	10.8	10 3	10.3	9 6	9.9	13.0	14.8	15.3	14.8	14.2	13.6	12.9	11.9	11 0	10.3	9 7
Yancopin	do	29	25.3	24 8	24.2	23.7	23.1	22.3	21.5	20.9	20.8	20.6	20.2	19.8	19.5	19.2	19.4	20 0	20.2	20.2	20.2	20.2	20.2	20.6	22.7	24. 1	25.4	25.8	26. 1	26.2	26.3	26.3	26.1	25.8
Danville	Petit Jean	20	6.1	5.8	5 7	5 7	7.3	7.3	7.1	6.8	6.6	6.4	6 3	4.2	1 1	3.8	3.8	3.9	3.9	3.8	3 7	3.6	3.6	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.0

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	.....	4.2	3.9	3.6	3.6	3.7	3.8	3.7	3.5	3.8	5.6	6.5	7.4	6.8	6.1	5.8	5.7	7.3	7.9	8.0	7.8	7.4	6.9	6.5	6.1	5.8	5.4	5.2	5.1	4.9	4.8	4.8
Calico Rock	....do	18	3.9	3.6	3.3	3.3	3.1	2.9	3.3	3.2	3.5	4.7	5.3	6.5	6.3	5.7	5.2	5.2	6.5	7.2	7.4	7.2	6.9	6.4	6.0	5.5	5.2	5.0	4.7	4.7	4.4	4.2	4.1
Batesville	....do	23	9.3	9.1	8.8	8.6	8.8	8.8	8.5	8.8	9.0	9.3	10.8	11.7	12.6	12.0	11.3	11.5	11.6	13.3	13.7	13.7	13.4	12.8	12.2	11.8	11.3	10.9	10.4	10.6	10.3	9.9	9.7
Newport	...do	26	9.2	9.2	8.9	8.5	8.3	8.5	8.4	8.2	8.4	8.8	9.4	10.7	11.4	11.8	11.6	11.4	11.4	12.8	13.5	14.2	14.4	14.0	13.4	13.7	12.4	11.6	11.3	11.0	10.9	10.4	9.9
Georgetown	....do	22	13.2	13.1	13.1	12.8	12.7	12.7	12.5	12.5	12.6	13.5	13.5	13.7	14.1	14.7	15.0	15.5	15.5	15.6	16.0	16.5	16.7	17.0	17.0	17.0	17.0	16.8	16.4	16.0	15.5	15.0	14.4
De Valls Bluff	....do	24	17.3	17.2	17.0	16.9	16.9	16.8	16.8	16.7	16.8	17.1	17.4	17.5	17.8	18.0	18.3	18.8	19.1	19.2	19.3	19.5	19.6	19.8	19.9	20.0	20.1	20.1	20.0	19.9	19.7	19.4	19.2
Clarendon	....do	30	20.9	20.9	20.8	20.7	20.7	20.6	20.6	20.5	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.8	22.1	22.4	22.5	22.7	22.8	22.9	23.0	23.2	23.3	23.3	23.3	23.3	23.2	23.1	22.9
Gilbert	Buffalo	11	4.7	4.6	4.6	4.6	4.9	5.3	5.2	5.1	5.9	5.7	5.6	5.6	5.5	5.4	5.4	6.0	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	5.0	5.6	5.4	5.2	5.1	5.0
Corning	Black	..	11.3	11.0	10.8	10.5	10.3	10.1	9.9	9.8	9.8	10.0	10.3	10.5	10.4	10.2	10.0	9.9	10.3	11.1	11.4	11.5	11.4	11.2	11.1	11.0	11.0	10.9	10.8	10.6	10.4	10.2	10.0
Black Rock	....do	14	8.7	8.4	8.4	8.3	8.0	8.0	7.9	8.1	8.5	8.3	8.0	7.8	7.4	8.4	9.3	9.8	10.0	10.0	10.0	10.0	9.8	9.6	9.4	9.3	9.0	8.8	8.6	8.5	8.5	8.3	8.0
Dam No. 1	Little Red	..	1.8	1.6	1.4	1.4	2.2	3.0	3.0	3.0	6.0	5.4	5.0	4.6	4.3	4.0	3.8	4.8	5.0	5.0	4.2	3.8	3.4	3.0	2.6	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.8
Patterson	Cache	9	6.2	6.2	6.2	6.1	6.3	6.5	6.6	6.7	6.8	7.1	7.3	7.6	7.8	7.9	8.1	8.4	8.8	8.9	8.7	8.3	7.9	7.5	7.4	7.6	7.9	7.9	7.6	7.2	7.1	7.1	7.1
Arkadelphia	Ouachita	18	2.6	2.0	1.7	1.2	1.8	1.2	1.0	1.0	2.0	4.3	3.9	3.0	3.2	3.2	3.0	4.0	4.0	3.5	3.0	3.4	3.2	3.0	2.8	2.0	2.4	2.3	2.0	2.0	1.8	1.2	0.9
Camden	....do	30	9.8	9.0	8.8	8.3	8.1	9.0	10.7	10.2	10.2	11.6	13.2	15.7	15.0	13.7	12.6	11.6	13.3	14.2	15.0	13.4	13.1	12.2	11.0	10.3	8.4	9.2	8.7	7.8	7.8	7.7	7.1
Fulton	Red	28	9.1	8.9	8.8	8.8	8.9	9.0	9.8	8.6	8.8	9.4	10.0	10.1	9.9	9.4	9.0	9.1	9.8	10.8	11.4	11.1	10.6	10.2	9.8	9.4	9.0	8.8	8.6	8.5	8.4	8.3	8.2
Springbank	....do	37	7.7	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.9	7.9	8.2	8.4	8.4	8.4	8.4	8.2	8.4	9.7	9.7	10.5	10.5	10.1	10.1	9.3	9.0	8.7	7.9	7.7	7.7	7.6	7.5
Whitecliffs	Little	28	3.6	3.0	3.0	3.4	4.0	3.9	3.6	3.6	3.6	5.0	5.8	6.0	4.8	3.5	3.0	5.1	7.5	6.8	9.6	8.2	6.5	4.5	4.0	3.8	3.4	3.0	3.0	2.9	2.9	2.8	2.8
Marked Tree	St. Francis	17	8.0	8.0	8.0	8.1	8.2	8.3	8.4	8.4	8.6	8.8	8.9	8.8	8.8	8.7	8.7	8.8	8.8	8.8	8.7	8.4	8.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8
Helena	Mississippi	44	32.3	31.4	30.5	29.5	28.4	27.6	26.8	26.0	25.7	25.1	24.3	23.5	22.9	22.7	23.0	24.0	24.4	24.7	25.0	25.8	27.1	28.4	29.7	30.9	31.8	32.5	33.1	33.4	33.4	32.9	32.2
Arkansas City	do	48	37.2	36.8	36.3	35.5	35.0	34.2	33.3	32.5	31.8	31.4	30.7	30.0	29.5	28.8	28.4	28.4	29.0	29.2	29.5	29.8	30.2	31.1	32.5	34.0	34.9	35.8	36.4	37.2	37.5	37.5	37.5

Daily Precipitation for March, 1928

Stations	Drainage basin	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita					.29			.10	.14						.31																	0.84
Arkadelphia	Ouachita				.52	.02	.02		.32	.29							.82																1.99
Arkansas City	Mississippi				1.00	.20			.90	.08	.03				.40		1.10	.15							.15								4.01
Arlberg	White					.48	.05		.28							.62	.10																1.53
Batesville	White				.53		.06	.04	T.	.54							.98	.06								T.					.16		2.37
Bee Branch	Arkansas			T.	.61		.27		.45	.45						.76	.05			T.					.05								2.64
Bentonville ***	Arkansas			.37					1.01						.12	1.99			.03	.01													2.63
Black Rock	White			.55					.56		.08			.04	.73	T.									T.						.10		2.06
Booneville	Arkansas			.18	.52		.02		.10			T.				.56	.06		.19														1.58
Brinkley	White				.56	.18			.35	.41							1.15								T.								2.65
Calico Rock	White				.75					.88			.14			.04	.67	.04		.03	T.									T.			2.55
Camden	Ouachita				.55	.20			.71	.58	.02						1.44	.04															3.54
Center Point	Red			.05	.38		.05	.16	.10	.37						.94			T.											T.			2.05
Clarendon	White				.72	.08			.44	.64							1.12																3.00
Clinton	White			.62			.16		.30							.70																	1.78
Conway	Arkansas				.68				.16	.97						1.69	.06			.16				.04						.06			3.82
Corning	White				.31					88	.16							1.01													.47		2.83
Cotter	White			.40					T.	.35		T.				.20	.40			T.					.18					T.			1.53
Dam No. 1	White			1.00			.16	T.	1.82						T.	1.08																	4.06
Danville	Arkansas				1.50											.20	.51														T.		2.21
Dardanelle	Arkansas				.48		.03			.47		T.				.04	.54			.04	T.												1.60
De Valls Bluff	White				.73	.04			.20	33							.74	T.															2.04
Dumas	Mississippi			T.	1.47	.01	.05		1.46	.18	T.					.95	.25	.21		T.	.03								T.				4.55
Dutton	White			.04	.43				76			.05				.37	T.		.02	T.						.29							1.96
El Dorado	Ouachita				.20	.08	.01	.02	.92	.78	.17						1.23	.11							.17								3.79
England	Arkansas			T.	.25				.65	.23						1.90	.06		.04										T.				2.23
Eureka Springs	White				.55		.05		1.33							1.41	.25		.04	.02													3.65
Fayetteville	White			T.	.33		T.		1.21	.02						1.00	.25			.07	T.									T.			2.88
Fort Smith ***	Arkansas			.49	.02	.12			.28						.04	.35	T.		.04	T.						T.							1.84
Freeman Sprgs	Arkansas				.46	T.	.02		T.	.53						.17	.60			T.	T.						T.							1.78
Fulton	Red			T.	T.	.34	T.	.15	.30	.02	T					T.	.88	T.		.03					T.	T.								1.72
Georgetown	White	.04			.75	.04	.03		.08	.67						.03	.66	T.																2.30
Gilbert	White				.69					.48			.11				.70	T.			T.									.19		T.		2.17
Gravette	Arkansas			T.	.39				.88	.04						1.22	.12								.05								2.65
Harrison	White				.78				.53							.50										T							1.81
Helena	Mississippi	.10			.68	.02			.32	3.48							1.46	.20	.02	T.					.10		.01							6.39
Higden	White				.63		.16		.59	.39						.87	.07																	2.71
Hope	Red			.10	.60		.06	T.	.55	90						1.01																	3.22
Hot Springs	Ouachita															1.20														T.			1.20
Index	Red			.02	.20	.02		.07	.26	.72							.70	.01							.06								2.06
Jonesboro	White				.52				.51	.42						.64														.01			2.10
Junction	Ouachita				.18			T.	1.28	.72	.21					1.30	.17																	3.86
Lambrook	White					.50				5.05							1.10		.15	.03			.08											6.91
Lead Hill	White				.22		.01		.74			.01				.50	.13				.01					.01								1.63
Little Rock ***	Arkansas			.11	.25				.37						T.	.97			T.	T.					T.	T.				T.			1.70
Lurton	White			T.	.35		.01		.60			.27				.65	.05		.06		.02			T.	T.					T.			2.01
Lutherville	Arkansas			.09	.64		.25		.26							.72	.03		.02	.05					T.					T.			2.06
Magnolia	Red				.47				.90	2.00	.16				.25	1.70		.08															5.56
Malvern	Ouachita				.20	.18			.25	.79						.02	.75																	2.19
Mammoth Spg.	White			T.	.46		T.		1.02			T.				.56	.12									.07				T.			2.23
Marianna	Mississippi					.56			.72	.20						.93	.24	.10							.12									2.87
Marked Tree	Mississippi	.12			.61		.12			.89						T.	1.22								.05									3.01
Marshall	White			T.	.63		T.		.48			T.				1.20	.10			.15														2.56
Mena	Ouachita				.32		.07		.01	.23						T.	.75	T.		T.														1.38
Morrilton	Arkansas				.65					.60							.75																	2.00
Mount Ida	White				.41				.52	.25						.72																		1.90
Newport	White				.51		.08			1.06							.72															.02		2.39
Osceola	Mississippi						.05			.23							1.05		T.						.15									1.48
Ozark	Arkansas				.43		.22			.46						T.	.43	T.		T.	T.						.40							1.94
Paragould	Mississippi	.05			.69					1.39							.95							T.							.05		3.13
Patterson	White				1.28				.15	.66							1.16																	3.25
Piggot	Mississippi			T.	.25				.80	.12		T.				.80	.30														.02	.04		2.33
Pindall	White				.67				.63							.33	.12		.12	.03						.33								2.23
Pine Bluff	Arkansas	T.			.54	.48			.30	1.71						T.	1.36	T.		T.	T.													4.39
Pocahontas	White				.52				.67	.05		.03				.80	.10														.07			2.24
Portland	Ouachita				.42	.05			.41		.22						1.12	.09							.12									2.43
Prescott	Ouachita			.03	.76		T.	T.	.48	.43	.03					1.10																		2.83
Princeton	Ouachita				.93	.26			.45								1.50																	3.14
Rison	Ouachita				.90	.50			1.18	.45							1.08																	4.11
Rogers	White			T.	.48		.12		1.18							1.06	.28		T.															3.12
Searcy	White				.70	.02	.06		.76	.15						.77	.05																	2.51
Springbank	Red			T.	T.	.07	T.	T.	.80	.30	T.				.17	T.	1.40	.12					T.	.02		T.								2.88
Story	Ouachita			.10	.22		.20									.66			.14										.10				1.42
Stuttgart	Arkansas			.42				.36	1.17							1.21			.08						.02									3.26
Subiaco	Arkansas			.10	.58		.21		.31							.67	.02		.05	.02														1.96
Texarkana	Red				.22			.40		.35							.85								T.									1.82
Thornburg	Arkansas			T.	T.		T.		*	*		.08			.84	.08		.03	T				.02							T.			1.06
Waldron	Arkansas				.57		T.		T.							.64																		1.21
Warren	Ouachita			.63	.29			1.30	.46	T						1.04	T.																	3.72
Waters	Ouahita				.46				.65							.68																		1.79
Whitecliffs	Red				1.35					.73							1.20																		3.28
Wilson	Mississippi				.65		.10										1.20								.08									2.03
Wynne	Mississippi	.20			.72					.65						1.05									.05					T.			2.67
Yancopin	Arkansas	.04			.84	.33	.12		.67	.88		.02			.01		1.16	.21		.04					.28									4.55

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch

* Precipitation included in the next following measurement.

Daily Temperatures for March, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	58	63	57	53	53	52	68	68	76	74	77	82	77	68	61	55	57	58	60	61	77	80	77	80	85	82	71	87	77	67	71	68.8
	Minimum	33	39	40	43	42	38	43	51	47	49	40	54	60	50	41	38	37	33	30	29	32	40	43	50	55	52	42	44	50	35	29	42.2
Batesville§§	Maximum	52	61	57	53	46	52	65	61	68	62	73	74	68	62	47	39	51	53	52	66	70	80	78	68	75	81	60	79	70	53	66	62.5
	Minimum	26	24	24	34	28	28	29	30	48	40	33	46	48	42	42	36	32	24	27	27	28	29	42	47	53	50	38	38	44	37	26	35.5
Bentonville	Maximum	46	56	54	49	48	54	64	58	64	68	70	76	61	57	40	35	47	47	47	58	71	78	75	74	80	63	59	79	65	45	68	58.9
	Minimum	30	29	38	33	23	38	36	48	40	41	46	52	46	39	32	30	26	34	34	34	35	50	53	55	54	40	29	46	30	30	34	38.2
Bee Branch	Maximum	53	58	57	53	51	49	63	60	71	69	73	77	75	64	58	40	52	51	51	57	67	77	76	73	72	79	64	79	79	55	68	63.6
	Minimum	32	28	34	40	27	31	32	50	43	41	38	47	55	43	37	34	31	28	30	30	33	37	45	53	56	50	35	43	52	34	25	38.6
Booneville	Maximum	55	60	56	52	52	51	65	69	71	70	76	80	78	64	57	44	54	54	53	62	74	81	78	77	84	79	65	82	80	56	72	66.2
	Minimum	28	32	34	42	33	37	37	53	43	48	44	51	53	48	40	37	31	34	33	31	32	39	48	60	55	55	34	49	46	35	30	41.0
Brinkley	Maximum	53	59	60	52	49	52	67	64	69	64	73	77	70	64	58	43	49	55	55	60	66	79	78	71	72	83	65	81	75	59	65	64.1
	Minimum	32	32	40	43	31	37	34	51	50	44	38	51	60	47	41	39	34	28	33	35	35	44	49	53	54	54	40	44	58	38	28	41.8
Calico Rock§§	Maximum	53	63	55	54	48	55	68	59	69	68	76	74	68	61	43	39	51	53	55	64	73	86	82	73	76	76	61	83	72	52	71	63.9
	Minimum	24	23	23	30	26	26	28	29	44	38	35	38	47	44	43	31	30	25	28	28	28	31	37	45	58	61	34	38	46	35	26	31.9
Camden§§	Maximum	59	62	55	51	55	53	68	70	73	70	76	83	74	62	59	46	56	60	57	59	72	75	78	77	83	86	68	83	76	63	70	67.1
	Minimum	34	34	37	44	41	37	40	44	49	48	43	43	55	52	53	39	36	34	33	32	32	33	38	47	59	56	45	46	49	37	31	42.0
Center Point	Maximum	60	62	60	53	53	53	64	71	73	71	74	81	79	70	59	45	57	58	57	62	74	80	77	75	87	82	72	82	84	61	72	68.0
	Minimum	35	40	46	43	38	38	44	53	49	52	47	56	62	53	41	39	34	34	31	33	43	50	52	56	62	62	42	47	53	32	38	45.3
Conway	Maximum	55	60	57	51	53	52	65	63	72	66	75	80	72	63	58	42	54	54	55	61	70	81	79	73	75	81	63	82	75	56	70	64.9
	Minimum	29	33	37	43	32	36	34	51	49	45	40	55	59	48	42	37	35	34	35	32	35	40	45	55	58	54	41	46	52	36	31	41.9
Corning	Maximum	60	56	68	59	52	62	69	66	66	68	69	72	69	66	63	62	51	61	62	66	70	83	81	80	72	79	60	76	73	46	63	66.1
	Minimum	28	30	41	26	25	26	42	50	47	38	36	53	54	46	34	26	24	26	28	29	30	47	56	59	55	55	38	40	45	34	29	38.6
Dardanelle	Maximum	54	60	58	51	53	50	61	70	72	68	76	81	76	65	60	45	56	53	55	62	69	76	82	74	76	79	66	83	81	57	73	65.9
	Minimum	33	37	39	43	33	36	37	52	47	47	45	54	59	50	44	38	35	38	34	32	36	41	48	56	56	55	38	46	56	36	33	43.0
Dumas	Maximum	57	61	54	52	51	50	64	66	64	62	75	80	71	66	59	47	50	56	56	62	66	79	79	73	83	87	66	84	82	59	69	65.5
	Minimum	31	33	39	44	35	37	35	49	52	50	43	51	60	51	43	38	32	30	35	37	36	43	47	54	54	58	43	48	56	41	31	45.1
Dutton	Maximum	48	57	53	47	49	48	65	69	65	66	71	74	69	61	53	36	47	46	45	55	69	75	75	69	80	66	68	77	71	48	64	60.8
	Minimum	21	20	20	38	22	31	28	49	39	35	34	43	46	43	34	28	21	24	21	22	24	36	32	54	46	48	28	43	36	27	25	32.8
El Dorado	Maximum	62	63	63	56	56	53	71	70	74	70	71	80	79	68	60	48	55	59	58	63	72	78	77	75	87	88	71	84	80	65	71	69.3
	Minimum	36	38	45	45	43	39	44	57	55	51	46	53	63	51	44	41	36	36	35	35	39	43	50	50	64	63	47	49	64	37	38	46.0
England	Maximum	54	61	58	51	50	53	67	71	72	76	74	80	73	64	58	43	50	55	56	63	68	81	78	73	77	84	65	83	77	57	70	65.9
	Minimum	33	38	40	44	33	36	38	50	50	46	40	52	62	47	42	37	35	32	34	34	38	45	50	55	60	56	39	45	56	38	32	43.1
Eureka Springs	Maximum	47	56	52	50	49	53	67	60	67	71	70	77	72	59	51	35	50	50	47	61	71	78	76	78	82	74	62	79	74	47	67	62.3
	Minimum	30	32	40	38	22	33	35	49	39	40	50	54	45	42	33	27	24	32	31	35	38	53	58	57	54	55	28	47	36	30	35	39.4
Fayetteville	Maximum	51	58	57	52	52	53	67	60	65	70	72	76	74	61	55	38	49	50	48	59	70	77	76	75	78	74	62	79	75	48	68	62.9
	Minimum	28	27	37	41	23	36	32	49	36	41	47	51	46	42	34	30	26	33	30	33	31	47	54	56	52	52	29	46	38	30	31	38.3
Fort Smith	Maximum	53	58	52	53	49	48	64	60	71	69	72	83	67	61	51	39	52	52	50	59	72	80	78	76	81	70	62	82	72	52	71	63.2
	Minimum	35	37	40	43	33	37	40	52	47	50	48	55	54	50	39	36	33	36	34	36	39	46	54	59	58	49	38	48	37	36	35	43.0
Gravette	Maximum	55	56	56	58	49	55	64	63	63	69	69	77	71	58	55	37	47	47	57	70	.	79	75	75	80	74	59	79	74	47	..	62.7
	Minimum	33	34	38	40	22	37	34	48	35	42	47	51	44	44	33	28	25	31	31	33	..	47	53	51	52	40	29	48	37	29	..	38.5
Harrison	Maximum	49	64	51	50	45	52	68	62	69	69	77	78	74	59	54	37	50	51	48	60	74	85	82	77	85	70	61	85	75	50	61	63.6
	Minimum	27	24	31	30	23	33	30	48	41	38	44	46	48	43	33	30	28	27	28	28	28	45	50	54	51	53	30	44	41	31	26	36.5
Helena	Maximum	53	59	62	51	48	55	68	63	71	64	72	76	71	67	60	46	48	54	54	58	66	76	77	74	75	82	61	81	92	74	65	65.5
	Minimum	30	36	42	43	32	37	38	53	50	44	43	52	60	49	42	38	32	28	35	36	33	45	52	54	56	56	41	45	66	39	32	43.2
Hope	Maximum	61	62	55	53	56	56	69	73	73	73	80	82	77	62	57	44	60	61	60	65	76	80	78	75	89	85	73	83	78	68	75	69.1
	Minimum	45	39	45	45	40	38	44	51	50	51	45	56	60	50	42	40	35	37	33	35	35	40	57	57	61	62	46	43	45	34	50	45.5
Jonesboro	Maximum	51	58	54	52	55	45	65	60	65	59	72	75	67	61	55	40	47	51	52	58	66	81	79	70	72	78	60	79	76	64	..	62.2
	Minimum	31	34	40	41	27	33	32	51	47	40	32	49	59	44	38	34	31	27	31	37	38	48	55	51	58	55	38	41	49	34	.	40.8
Lambrook	Maximum	54	60	60	51	48	52	63	64	69	64	72	77	69	61	54	43	48	51	55	59	60	69	77	68	75	85	62	83	78	58	65	63.0
	Minimum	31	33	36	39	33	34	35	40	54	47	41	49	53	49	52	38	32	30	32	41	38	39	47	43	57	53	43	44	54	40	29	41.5
Lead Hill	Maximum	51	59	58	59	52	53	68	62	61	69	74	78	73	58	56	39	50	52	51	60	73	82	81	78	85	71	62	84	75	49	72	64.3
	Minimum	21	20	27	40	21	33	26	46	39	35	34	41	49	36	35	31	27	23	25	28	25	34	39	50	50	47	34	46	40	33	23	34.1
Little Rock	Maximum	52	60	57	49	49	52	62	68	70	66	74	80	69	61	54	40	50	52	54	59	69	78	78	71	75	80	59	82	72	55	68	63.4
	Minimum	37	41	42	43	34	38	41	52	52	46	46	56	57	50	38	36	35	37	37	35	42	47	52	56	60	55	41	48	45	38	38	44.4
Lurton	Maximum	47	54	58	45	45	45	62	55	60	62	70	70	64	57	54	32	44	44	45	45	66	73	72	61	76	69	58	75	67	45	62	57.4
	Minimum	28	30	37	36	21	29	37	49	40	40	43	43	47	41	30	27	27	31	29	30	37	51	60	52	55	46	29	43	32	27	32	37.4
Lutherville	Maximum	53	55	53	52	50	48	63	61	71	65	73	77	70	61	56	39	52	51	48	57	69	77	77	69	75	74	61	81	75	53	71	62.5
	Minimum	35	33	38	41	28	33	35	35	43	45	42	43	55	46	39	34	30	35	31	30	35	46	52	55	57	56	34	44	43	32	31	39.9
Magnolia	Maximum	67	63	61	56	55	74	72	70	72	69	78	84	80	78	59	46	54	59	57	62	72	78	78	76	85	80	82	83	82	63	72	69.9
	Minimum	37	37	44	47	42	39	39	56	52	51	48	54	50	50	43	40	35	37	33	34	35	43	53	56	65	62	52	46	62	36	36	45.6
Malvern	Maximum	59	63	57	53	52	50	68	74	74	70	77	81	77	67	60	43	56	57	56	61	74	80	79	76	82	84	70	84	76	60	71	67.5
	Minimum	31	37	40	43	35	38	39	51	48	40	40	50	63	49	43	38	37	34	31	30	33	37	42	56	60	53	41	44	55	36	30	42.1
Mammoth Spg	Maximum	51	55	56	55	54	53	69	63	63	64	74	73	74	63	59	39	46	50	52	62	69	85	88	78	84	84	62	80	80	49	65	64.5
	Minimum	26	22	22	40	24	31	29	51	41	38	34	45	52	44	32	31	28	24	27	29	28	37	13	55	59	52	36	41	42	33	24	36.1
Marianna	Maximum	53	60	62	60	60	53	68	65	70	67	72	73	75	74	64	45	48	54	55	60	65	80	76	71	74	75	70	82	80	65	64	66.0
	Minimum	33	36	34	34	31	38	36	54	52	45	42	41	40	60	43	38	32	30	29	37	38	14	50	55	42	41	45	43	64	40	34	41.8
Marked Tree§§	Maximum	50	51	50	44	46	60	61	58	54	54	74	68	65	48	39	47	52	58	60	65	80	80	69	70	79	59	80	74	50	65	80	60.8
	Minimum	28	30	35	28	28	30	30	49	40	31	32	52	44	45	36	32	26	30	31	31	32	41	53	54	53	40	41	41	38	29	33	36.9
Marshall	Maximum	49	58	57	50	49	52	63	66	65	66	73	74	73	59	53	38	48	49	49	57	71	80	78	72	77	77	61	79	76	49	68	62.5
	Minimum	35	26	34	39	24	33	32	31	58	40	48	52	51	43	34	31	29	27	28	29	29	42	49	56	60	57	34	44	43	33	28	38.7
Mena	Maximum	56	59	50	51	53	52	64	61	70	70	75	79	71	60	55	42	53	52	52	59	74	79	75	75	85	77	68	81	73	54	69	64.3
	Minimum	34	34	36	41	35	37	41	51	46	49	48	55	54	47	39	34	32	34	31	30	35	52	45	57	57	55	48	51	43	33	31	42.4
Morrilton§§	Maximum	58	61	57	52	47	51	62	63	74	65	76	79	69	63	50	40	54	55	55	60	72	79	77	71	75	78	60	81	69	57	71	63.9
	Minimum	31	36	37	40	32	33	36	39	49	46	42	44	57	48	46	37	35	35	36	35	36	42	46	49	56	53	40	42	48	36	32	41.1
Mountain Home	Maximum	48	60	51	53	49	55	69	57	67	68	74	75	69	59	57	37	49	52	50	61	72	82	82	74	81	70	62	81	18	68	70	62.9
	Minimum	26	23	32	39	22	29	30	48	41	39	37	46	50	42	33	30	27	25	27	29	28	41	47	54	56	52	32	39	32	28	26	35.8
Mount Ida	Maximum	60	63	53	53	52	54	66	68	71	71	77	80	75	63	58	44	56	57	55	60	75	78	82	86	88	81	67	81	76	59	71	67.1
	Minimum	26	31	33	42	30	37	40	49	42	43	36	51	57	36	40	37	35	26	28	26	27	30	34	57	53	50	36	44	47	35	25	38.5
Newport	Maximum	55	64	58	53	51	53	67	64	71	65	74	74	70	64	56	42	51	56	56	61	70	82	81	70	72	79	63	82	78	56	67	64.7
	Minimum	30	30	33	42	29	33	32	52	47	41	38	49	60	44	42	35	32	28	31	33	34	45	48	55	58	54	38	43	51	37	29	40.4
Osceola	Maximum	65	60	55	61	53	46	50	60	71	75	70	73	74	69	63	51	45	47	35	56	78	80	81	84	67	73	80	77	60	50	56	63.4
	Minimum	41	48	39	30	28	30	31	41	49	45	38	50	50	46	45	34	32	26	31	40	43	44	51	54	56	55	39	39	40	33	30	40.6
Ozark§§	Maximum	51	54	60	55	51	50	53	65	68	70	74	81	69	65	49	42	46	57	53	56	61	72	83	79	76	75	74	74	82	56	70	63.6
	Minimum	35	31	34	36	31	34	35	37	40	41	41	41	55	51	46	38	34	37	31	32	34	38	41	46	55	56	57	48	37	35	32	40.0
Pine Bluff	Maximum	61	62	58	52	52	52	65	68	75	69	81	83	76	66	59	45	55	60	57	65	74	83	84	74	84	89	69	87	77	67	72	68.4
	Minimum	34	37	39	44	36	38	38	50	52	50	42	53	58	50	43	38	36	33	34	35	37	48	52	56	61	58	43	46	52	40	35	44.1
Pocahontas	Maximum	51	61	58	56	54	51	68	63	68	66	73	73	72	63	56	36	49	55	54	60	68	84	80	74	72	79	62	77	77	49	65	63.7
	Minimum	28	33	29	42	26	35	30	50	45	39	35	47	56	43	36	33	30	24	30	34	33	44	47	55	58	55	35	38	46	35	28	38.7
Portland	Maximum	64	63	62	55	53	50	68	74	73	70	75	85	80	68	64	50	51	58	60	61	66	83	83	78	88	91	81	83	83	83	72	70.2
	Minimum	37	37	40	47	42	38	40	54	56	51	45	55	61	51	45	42	34	31	36	37	37	40	47	55	61	62	46	45	67	43	34	45.7
Prescott	Maximum	69	72	74	62	51	56	68	74	72	74	77	84	78	69	58	48	58	51	55	62	74	78	79	81	84	85	76	85	79	66	79	70.3
	Minimum	34	43	46	43	40	34	43	46	52	52	50	49	59	50	52	39	36	33	34	34	36	42	45	49	57	61	44	45	60	35	34	44.4
Rison	Maximum	62	62	57	55	53	51	66	69	74	69	76	82	79	70	69	46	53	59	58	62	71	79	81	75	81	86	72	84	79	63	69	68.1
	Minimum	32	36	43	44	37	37	40	52	53	51	43	52	62	51	43	38	35	32	34	34	38	45	51	56	61	61	43	46	57	38	35	44.5
Rogers	Maximum	47	58	56	50	50	56	67	63	66	71	72	79	74	59	53	36	49	48	49	61	73	79	78	78	82	76	62	80	76	45	69	63.3
	Minimum	25	25	31	39	23	36	30	49	53	39	41	47	42	42	33	29	27	30	20	32	29	45	54	57	51	56	31	49	39	31	29	37.5
Searcy	Maximum	51	60	58	52	51	50	60	65	70	73	76	75	75	64	58	42	50	55	56	61	67	79	79	71	72	80	63	81	79	60	62	64.4
	Minimum	30	30	34	42	30	33	40	42	46	38	45	44	59	46	39	34	33	28	34	32	35	37	45	54	54	50	38	42	37	28	30	39.0
Stuttgart	Maximum	52	59	58	52	49	51	66	67	69	63	74	79	72	61	57	48	50	53	54	60	67	78	79	71	76	83	73	83	76	68	68	65.0
	Minimum	32	37	41	43	37	35	37	50	50	46	42	52	60	45	41	37	34	33	35	36	37	47	50	54	58	55	40	43	56	37	33	43.0
Subiaco	Maximum	55	59	56	55	51	50	67	64	73	69	75	82	77	64	57	42	54	49	52	60	71	82	79	75	81	74	64	84	78	55	73	65.3
	Minimum	30	38	37	42	31	34	35	37	51	45	42	55	54	48	40	41	32	37	34	36	36	44	51	59	54	53	37	45	46	35	31	41.3
Texarkana	Maximum	67	66	60	53	63	53	68	74	77	75	80	85	78	70	58	46	60	62	60	67	73	82	78	80	89	86	84	85	78	65	74	70.8
	Minimum	39	40	47	47	43	41	44	54	50	53	47	53	59	53	44	40	33	37	34	35	36	42	52	58	63	63	45	50	57	35	36	46.1
Thornburg	Maximum	55	59	55	48	48	53	62	66	69	67	75	75	61	56	43	51	53	51	53	70	79	77	73	76	78	62	76	82	78	55	69	63.7
	Minimum	23	27	31	40	29	34	31	47	48	37	33	48	41	38	34	31	26	30	24	26	35	44	53	56	52	34	48	45	43	33	24	36.9
Warren	Maximum	62	60	58	53	53	52	63	69	71	68	74	82	79	69	59	47	42	55	55	58	68	76	78	75	80	82	85	77	78	75	68	66.8
	Minimum	40	42	42	38	38	42	50	52	52	46	52	64	52	55	39	36	34	36	37	43	46	52	57	62	64	46	45	48	40	38	53	46.5
Wilson	Maximum	64	64	57	64	57	46	66	62	64	57	70	73	77	69	68	55	45	52	54	58	64	80	80	75	75	80	68	78	73	60	61	65.2
	Minimum	41	31	33	40	30	31	32	48	49	40	35	49	41	44	49	39	31	26	35	37	31	39	50	53	55	59	37	36	60	38	29	40.3
Wynne	Maximum	52	60	61	52	48	50	68	68	69	61	73	75	70	62	52	43	50	53	55	60	67	81	88	76	70	83	62	78	73	57	66	64.0
	Minimum	30	29	30	43	30	34	32	52	48	42	39	48	60	49	41	36	33	26	34	35	33	43	50	54	55	57	40	43	57	40	29	41.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., APRIL, 1928 NO. 4

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GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during April were the positive precipitation and the negative temperature departures, this being the first month of the year with a sub-normal temperature and the first with a positive precipitation departure.

The month opened with temperatures above normal and daily means continued above during the first five days, but thereafter cool weather prevailed with daily means below normal almost every day, On the 10th, 15th, and 16th unseasonably low temperatures occurred, killing frost or freezing temperature occurring over practically the entire State. Truck, peaches, strawberries, corn, and cotton were damaged, considerable replanting of corn and cotton being necessary.

The mean temperature for the month, as determined from the records of 59 stations, was 57.3° which is 4.1° below normal, all sections showing negative departures. This was the coldest April since 1907 and the third coldest on record. Monthly means ranged from 61.7° at Hope to 51.2° at Lurton, a difference of 10.5° between the Ozarks in the Northwest and the southern counties. The highest temperature recorded was 87° at several stations on the 1st, 2d, and 29th. The lowest was 22° at Dutton on the 10th and Lead Hill on the 15th.

The average precipitation for 89 stations was 8.52 inches which is 3.64 inches above normal. Three stations in the Southwest showed negative departures, positive elsewhere. Monthly totals ranged from 14.01 inches at Huttig to 4.03 inches at Amity. An appreciable amount of snow fell at three southern Stations on the 14th, traces at several stations. The greatest precipitation for any 24 hour period was 6.70 inches at Huttig on the 6th. The average number of rainy days was 9. Heavy to excessive rains from the 4th to the 6th and from the 20th to the 22d packed the soil and caused floods in most streams of the State. In the flood of April 6th to 10th losses of $14,000 were reported on the White and $80,000 on the Arkansas. From the 21st to the close of the month losses of about $75,000 occurred on the White and $5,000 on the Arkansas.

W.C.H.

Wind, Hail, Tornadoes, April, 1928

Place	Date	Time	Character	Dir. from	width yards	Killed	Inj.	Damage
Lincoln	24	5.00pm	Tornado	sw	1320	3	12	$60,000
Monte Ne	4	5.30pm	Tornado	sw	1100	0	0	6,000
Ola	13	7.30pm	Tornado	w	350	0	4	10,000
Ogden to Red River	21	3.15am	Tornado	sw	880	0	1	40,000
England	21		Straight Blow					1,200
Helena	21		Straight Blow					Slight
Pindall	10		Heavy Hail					Slight
Center Point	21		Moderate Hail					Slight

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--3d, 8; 4th, 21; 5th, 35; 6th, 11; 7th, 1; 13th, 25; 14th 14; 15th, 1; 18th, 2; 19th, 14; 20th, 38; 21th, 41;22d 17; 23d, 3; 26th, 8; 27th, 1; 30th, 7.

SOLAR HALOS:---1st, 1; 2d, 1; 7th, 1; 10th, 1; 11, 1; 12th, 1; 16th, 1.

LUNAR HALOS:---1st, 1; 25th, 1; 28th, 2.

DENSE FOG:------20th, 1; 22d, 1.

Supplemental Precipitation Table

Stations	Counties	Elevation, feet	Length of record, years	Precipitation, inches: Total	Departure	Greatest in 24 hours	Total snow unmelted	Number of Days: Precip. .01 in. or more	Clear	Ptly. cldy.	Cloudy	Wind direction
Blytheville	Mississippi	252	2	6.48	.....	2.60	0.0	10	10	7	13	sw
Cold Springs	Scott	1250	2	7.84	.....	3.35	0.0	7	13	6	11	sw
Grannis	Polk	900	7	8.90	.....	4.14	0.0	8	13	1	16	se
Jessieville	Garland	750	2	7.30	.....	3.90	0.0	5	17	3	10	...
Oden	Montgomery	800	2	9.55	.....	4.08	0.0	5	11	6	13	sw

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.91	30.30	9	29.45	6	6,075	40	s.	4	.....	.....	67
Fort Smith	29.92	30.34	8	29.42	6	6,333	35	sw.	5	72	55	55
Little Rock	29.95	30.32	8	29.51	6	7,398	33	e.	5	74	55	53
Memphis	29.96	30.33	8	29.53	21	6,464	32	w.	13	68	53	60

COMPARATIVE DATA FOR APRIL

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**61.4**		**99**		**18**		**4.88**		**13**	**8**	**9**	**8**
1891	62.8	+1.4	98	30	22	5	2.75	−2.13	15	10	5	8
1892	61.4	0.0	97	18	27	22	6.98	+2.10	12	9	9	10
1893	64.9	+3.5	94	4	29	15	7.16	+2.28	11	10	9	8
1894	63.1	+1.7	91	16	29	6	6.18	+1.30	14	8	8	9
1895	63.1	+1.7	98	30	30	3	1.99	−2.89	15	8	7	6
1896	67.8	+6.4	94	26	24	3	3.65	−1.23	12	12	6	5
1897	61.4	0.0	90	27	31	17	4.14	−0.74	12	11	7	9
1898	59.2	- 2.2	93	30	19	6	3.09	−1.79	14	8	8	8
1899	60.7	−0.7	96	25	19	1	3.28	−1.60	10	11	9	7
1900	62.2	+0.8	96	23	24	3	4.98	+0.10	10	12	8	10
1901	58.1	−3.3	96	29	22	3	3.82	−1.06	14	8	8	6
1902	61.2	−0.2	96	29	25	1	2.87	−2.01	11	11	8	8
1903	60.6	−0.8	91	9	26	26	1.86	−3.02	13	10	7	6
1904	56.8	−4.6	89	23	24	10	3.88	−1.00	11	9	10	8
1905	61.1	−0.3	96	9	25	6	6.29	+1.41	9	10	11	11
1906	63.7	+2.3	97	11	27	1	2.55	−2.33	15	7	8	6
1907	54.9	−6.5	89	29	24	14	5.44	+0.56	10	7	13	9
1908	63.3	+1.9	94	21	24	30	6.32	+1.44	9	9	12	12
1909	60.9	−0.5	88	18	24	9	4.52	−0.36	15	7	8	8
1910	59.8	−1.6	90	30	22	25	5.14	+0.26	12	9	19	9
1911	60.5	−0.9	90	6	29	1	9.86	+4.98	10	9	11	12
1912	61.9	+0.5	93	15	26	1	8.14	+3.26	9	11	0	12
1913	61.2	−0.2	94	18	27	5	4.91	+0.03	17	6	17	6
1914	61.0	−0.4	94	16	19	9	4.57	−0.31	11	9	0	9
1915	64.3	+2.9	96	28	19	3	2.96	−1.92	14	8	18	5
1916	59.9	−1.5	92	14	24	9	3.65	−1.23	13	7	0	7
1917	60.4	−1.0	90	28	23	9	5.69	+0.81	14	7	9	9
1918	59.6	−1.8	96	2	25	10	7.63	+2.75	14	1	10	9
1919	61.6	+0.2	95	24	24	16	3.56	−1.32	14	6	10	7
1920	59.8	−1.6	94	22	21	11	5.49	+0.61	14	7	9	9
1921	59.8	−1.6	91	27	22	17	7.87	+2.99	14	6	10	9
1922	63.5	+2.1	99	7	26	1	5.54	+0.66	13	6	11	9
1923	61.4	0.0	95	24	23	1	6.30	+1.42	14	7	9	11
1924	61.4	0.0	94	14	18	1	4.99	+0.11	14	6	10	8
1925	67.4	+6.0	98	15	28	30	2.62	−2.26	14	9	7	6
1926	59.1	−2.3	94	29	18	1	2.65	−2.23	15	6	9	7
1927	65.7	+4.3	99	27	26	22	12.93	+8.05	12	7	11	12
1928	57.3	−4.1	87	1	22	10	8.52	+3.64	13	5	12	9

Climatological Data for April, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	33	60.0	−1.2	84	28	30	10	41	4.65	−1.59	1.10	0.0	6	10	4	16	sw.	G. C. Thrash
Arkadelphia	Clark	250	32								5.95	+0.56	2.44	0.0	10	17	4	9	n.	W. K. Brown
Arkansas City	Desha	145	44								8.28	+3.57	2.80	0.0	9	15	3	12		Carl R. Cutting
Arlberg	Stone	700	6								9.05		2.30	0.0	11	11	13	6	n.	J. D. Reeves
Batesville	Independence	277	29	54.2	−4.7	80	1	27	10†	50	8.83	+4.15	3.42	0.0	10	16	1	13	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	56.0	−4.9	82	1	29	10†	36	10.89	+5.94	2.90	0.0	10	12	3	15	sw	J. E. Scanlan.
Bentonville	Benton	1303	23	53.2	−3.7	79	1	26	15	32	9.81	+5.96	2.58	0.0	9	19	3	8	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26								8.01	+3.20	3.12	0.0	9	13	0	17	s.	Vernon C. Howe.
Booneville	Logan	465	14	57.6	−4.0	83	1	29	10	39	11.31	+7.12	3.83	0.0	7	13	5	12	e.	F. H. Randolph
Brinkley	Monroe	205	41	58.0	−2.7	80	1	28	16	35	10.21	+4.79	4.00	0.6	9	14	5	11	ne.	R. J. Torry
Calico Rock	Izard	361	24	54.9	−3.2	87	1	28	10	55	8.27	+3.58	2.31	0.0	9	9	11	10	s.	W. J. Copp
Camden	Ouachita	158	43	57.6	−6.1	81	18	29	16	47	7.31	+2.37	2.61	0.6	11	9	7	14	s.	A. B. Quarterman
Center Point	Howard	470	29	59.0	−3.7	80	3	31	15	32	6.51	+1.19	2.50	T.	7	11	3	16	s.	John C. Floyd
Clarendon	Monroe	200	24								8.52	+2.19	2.86	0.0	11	9	6	15	s	J. W. Bishop
Clinton	Van Buren	516	7								11.44		5.02	0.0	9	8	11	11	sw.	A. L. Stephens
Conway	Faulkner	309	45	58.0	−3.5	82	1	30	10	38	9.18	+4.83	2.31	0.0	9	18	2	10	s.	E. E. Conaway
Corning	Clay	238	35	56.6	−3.0	80	1	29	10†	34	8.76	+3.88	3.96	0.0	6	15	6	9	w	Winfred D. Polk
Cotter	Marion	408	1								8.82		2.90	0.0	9	17	0	13	n.	J. O. Linck
Dam No. 1 ††	White	190	5								9.02		4.06	0.0	8	17	3	10	sw.	L. O. Yingling
Danville	Yell	327	12								9.21	+5.29	3.89	0.0	5	10	14	6	w.	C. F. Evans
Dardanelle	Yell	330	42	59.2	−2.2	85	1	32	10	57	7.67	+3.03	2.50	0.0	8	11	14	5	se.	G. N. Goodner, Jr.
De Vails Bluff	Prairie	153	1								9.56		3.77	0.0	9	19	5	6		H. G. Pate
Dumas	Desha	162	22	59.2	−3.6	81	2	31	16	37	9.69	+4.74	3.35	0.0	13	10	8	12	s.	Ben Johnson.
Dutton	Madison	1590	25	51.7	−4.3	77	1	22	10	39	10.16	+4.68	3.53	0.0	9	14	6	10	s.	J. M. Ricketts
El Dorado	Union	270	27	60.4	−3.0	81	2†	33	15†	35	8.69	+5.64	3.00	T.	13	9	6	15	sw.	J. J. Babb
England	Lonoke	229	21	58.8	−3.3	82	1	30	16	36	7.85	+1.58	2.33	T.	13	14	2	14	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	54.8	−3.6	80	1	25	15	32	10.61	+5.94	3.91	T.	9	10	8	12	s	Geo. W. Nicholds
Fayetteville	Washington	1451	41	54.5	−3.5	79	1	24	15	34	11.87	+7.35	3.84	0.0	11	16	6	8	s	University of Arkansas
Fort Smith	Sebastian	457	47	57.0	−4.8	81	1	32	15	34	7.31	+3.37	3.69	0.0	7	10	7	13	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4								7.62		2.47	0.6	9	15	4	11	ne.	J. K. McCuiston
Fulton	Hempstead	260	42								5.66	−1.17	1.80	0.0	7	14	3	13		T. J. Logan
Georgetown	White	200	16								9.09	+3.34	3.86	0.0	9	10	7	13	s	W. R. Owens
Gilbert	Searcy	675	5								8.09		2.82	0.0	5	16	3	11		Ben F. Battenfield
Gravette	Benton	1250	31	52.8	−3.8	81	18	24	16	48	9.65	+5.54	3.05	0.0	10	10	11	9	se.	A. F. Stevens.
Harrison	Boone	1052	27	55.6[a]	−1.7	87[a]	29	25[a]	16†	49[a]	11.11	+5.51	3.29	0.0	12	12	8	10		G. L. Wright
Helena	Phillips	250	56	58.4	−4.0	80	5	29	16	36	8.44	+2.76	3.52	T.	12	11	2	17	s.	James A. Burnett
Higden	Cleburne	445	10								9.24		2.21	0.0	10	12	6	12	n.	Geo. W. Baker
Hope	Hempstead	377	57	61.7	−1.5	85	11	36	16	47	4.63	−1.37	1.56	T.	5	14	2	14	s.	N. P. O'Neal
Hot Springs	Garland	600	37	57.5	−5.0	81	25	30	16	42	9.30	−3.28	3.70	0.0	9	16	9	5		G. C. Bolton
Huttig ††	Union	175	21					32	15		14.01	+8.65	6.70	T.						O. Nile Moore
Index ††	Little River	275	3								4.27		1.15	0.0	7	10	2	18		H. G. Sanderson
Jonesboro	Craighead	345	33	56.8	−4.4	80	1	30	16	35	7.17	+2.37	3.01	0.0	7	21	1	8	ne.	Benedictine Sisters
Junction	Union	182	34	60.4	−5.2	85	3	29	16	38	7.76	+2.89	2.90	T.	4	14	3	13	s.	J. A. Lowderback
Lambrook	Phillips	155	5	58.0		80	1	31	16	39	8.67		3.39	0.0	8	16	0	14	n.	Mrs. D. C. White
Lead Hill	Boone	650	1	54.5		82	1	22	15	52	8.24		2.92	0.0	10	19	3	8	s.	J. H. Crosswhite
Little Rock	Pulaski	357	49	57.6	−4.5	86	18	35	16	30	7.01	+2.50	2.16	T.	12	10	5	15	s.	U. S. Weather Bureau
Lurton	Newton	2100	3	51.2		78	1	24	15	30	10.12		4.10	0.0	12	17	2	11	s.	I. C. Sutton
Luthersville ††	Johnson	775	30	55.1	−4.7	81	1	29	10	43	9.75	+5.29	4.28	0.6	10	14	5	11	se.	H. G. Lenhardt.
Magnolia	Columbia	315	9	60.4		81	18	32	15†	37	6.78		1.59	T.	9	10	8	12	sw.	State Agri. School
Malvern	Hot Springs	277	41	58.8	−2.8	82	18	29	16	42	6.65	−1.16	2.08	0.0	11	15	5	11	s.	Mrs. W. L. Mattnews
Mammoth Spring	Fulton	600	28	55.0	−3.4	82	24	27	10†	40	9.16	+4.21	4.05	0.0	10	13	6	11	sw.	W. C. Gregg
Marianna	Lee	235	16	59.4	−1.1	79	2	32	15	34	7.60	+3.12	2.32	0.0	12	17	10	3	s.	C. N. Houck
Marked Tree	Poinsett	229	28	56.2	−5.7	84	30	29	15	40	7.97	+2.88	3.86	0.0	8	10	12	8	s.	Charles Walton
Marshall	Searcy	1070	14	55.2	−5.6	82	1	27	10	36	12.50	+6.45	4.20	0.0	14	15	2	13	s.	A. J. Parks
Mena	Polk	1185	40	56.4	−5.0	80	25	28	10	37	10.09	+6.31	3.96	0.0	7	11	7	12	ne.	E. W. St. John
Morrilton	Conway	347	7	56.8		82	1	32	16	43	7.46		3.30	0.0	6	14	8	10	sw.	John Cook
Mountain Home	Baxter	860	14	53.4	−6.0	81	30	26	10	42	9.05	+3.85	2.65	0.0	7	11[b]	2[b]	15[b]	w.	B. S. Hulbert
Nashville	Howard	350	1	58.6		80	2†	32	16	38	6.34		2.70	T.	6	13	4	13	sw.	J. H. Skillern
Newport	Jackson	231	41	57.8	−1.0	83	1	32	10†	36	8.48	+3.49	3.55	0.0	10	16	1	13	n	A. C. Wilkerson
Osceola	Mississippi	240	30	58.8[c]	−0.9	80[c]	1	28[c]	15	50[m]	8.00[c]	+3.74	3.15	0.0	9	11	2	17	s.	Tune Thomason
Ozark	Franklin	396	32	55.8	−6.6	82	1†	30	16	44	8.77	+4.23	2.40	0.0	7	19	2	9	nw.	Isham Burrow
Paragould	Greene	301	2								8.46		2.71	0.0	7	13	5	12	s.	W. R. Heagler
Patterson	Woodruff	196	12								7.80	+1.40	2.46	0.0	8	12	5	13	s.	W. E. Baker
Piggot	Clay	307	4								7.42		2.18	0.0	10	10	8	12	sw.	V. C. Wright
Pindall	Searcy	1500	6								8.58		2.63	0.0	10	15	2	13	sw.	W. W. Wood
Pine Bluff	Jefferson	215	41	60.7	−3.7	87	2	32	16	40	10.78	+5.28	3.90	T.	12	11	8	11	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	35	56.2	−3.8	81	1	28	16	37	8.92	+4.15	2.42	0.0	10	12	4	14	n.	Benedicitine Sisters
Portland	Ashley	122	22	61.4	−2.8	85	2	33	16	39	9.45	+4.15	2.45	0.0	12	12	8	10	n	W. E. Edmiston
Prescott	Nevada	329	40	59.6	−3.3	83	17	31	15	39	5.87	+0.13	1.50	T.	10	16	6	14	n.	C. D. Calhoun
Princeton	Dallas	287	22								7.84	+2.32	2.80	T.	7	13	0	17		Mrs. F. P. Coleman
Rison	Cleveland	243	27	60.4	−2.6	82	25	34	16	38	8.02	+3.46	2.70	1.5	9	11	6	13	sw.	Mrs. M. V. Tisdal
Rogers	Benton	1385	37	54.2	−3.9	82	1	25	15	43	10.07	+5.72	4.09	0.0	8	14	6	10	sw.	Carl A. Starck
Searcy	White	236	19	56.9	−4.7	80	1†	29	16	49	9.00	+3.56	3.50	0.0	8	14	0	16	s.	J. T. Bell.
Springbank ††	Miller	240	21								8.10	+0.68	2.25	5.0	8	13	1	16		Miss Grace Field
Story	Montgomery	700	4								8.71		3.85	0.0	7	15	3	12	n.	S. C. Story
Stuttgart	Arkansas	228	41	58.1	−3.9	80	18	31	16	35	9.33	+1.11	3.07	0.0	11	13	6	11	n.	Adam F. Buerkle
Subiaco	Logan	1050	31	57.3	−3.8	81	25	30	11†	37	9.45	+5.17	3.90	0.0	11	12	2	16	s.	New Subiaco Abbey
Texarkana	Miller	332	42	61.3	−2.7	85	18	33	11†	39	5.72	+0.49	1.50	T.	9	11	1	18	s.	H. S. Brashear.
Thornburg	Perry	650	4	55.2		81	1	23	10	42	9.47		4.00	0.0	12	11	9	10	s.	Edward E. Holmes
Waldron	Scott	675	9								7.18		3.10	0.0	5	10	5	15	sw.	Dr. Cheves Bevill
Warren	Bradley	206	31	61.4	−1.2	81	25	33	11†	42	10.47	+5.12	5.00	0.0	9	17	0	13	s.	W. L. Shide
Waters	Montgomery	800	4								11.95		4.50	T.	6	12	4	14	w.	J. R. Huddleston
Whitecliffs	Little River	290	24								5.73	−0.88	1.55	0.0	8	13	2	15	sw.	Nannie O. Schirmer
Wilson	Mississippi	237	3	57.2		79	29	27	16	31	9.15		4.00	0.0	10	16	3	11	s	M. W. H. Collins
Wynne	Cross	250	20	57.4	−3.9	80	1	30	16	34	8.54	+2.95	4.05	0.0	7	11	4	15	n	E. O. Allen
Yancopin	Desha	167	4								8.46		3.27	0.0	13	10	5	15		W. E. Barton
State Means and Extremes				57.3	−4.1	87	1†	22	16†	55	8.52	+3.64	6.70	1.0	9	13	5	12	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports are used in section means. T less than 0.01 inch rain or melted snow. ††Received too late for in means and summaries. Reference letters [a],[b],[c] indicate number of days missing. †Also on other dates. ††P. O. addresses as follows: Index, Route A., Texarkana; Dam No. 1, Judsonia; Junction, R. F. D. 3, Junction City; Luthersville, R. D. No. 1, Lamar; Springbank, Doddridge, Ark.

Daily River Stages for April, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.3	7.1	6.8	6.6	7.6	15.7	18.7	19.6	18.4	16.0	13.7	12.9	12.0	11.4	11.2	10.1	9.2	8.7	8.5	8.3	10.3	17.8	22.4	23.0	23.4	21.9	20.0	18.8	18.0	16.6	
Ozark	do	22	3.5	3.4	3.1	3.1	3.4	14.0	15.9	16.2	16.2	13.6	12.0	10.6	10.0	7.5	7.4	7.1	6.0	5.2	5.1	4.9	8.2	15.2	18.4	19.5	19.8	19.7	17.0	16.2	14.8	14.0	
Dardanelle	do	29	5.8	5.6	5.3	5.8	6.0	15.3	18.2	18.0	18.3	16.8	14.4	12.0	11.0	10.5	9.8	9.4	8.6	7.7	6.9	6.9	7.6	15.8	19.5	21.0	21.5	21.2	20.0	18.2	17.1	16.0	
Morrillton	do	20	3.6	3.5	3.4	3.3	4.0	11.7	18.0	18.5	18.7	18.0	16.0	14.0	12.2	11.2	10.2	9.6	8.0	7.0	6.0	5.9	5.0	12.0	18.0	20.5	20.8	21.0	20.5	19.0	18.0	16.5	
Little Rock	do	23	4.3	4.0	3.8	3.4	3.7	7.4	16.8	18.3	18.5	18.7	17.4	15.8	14.0	12.8	11.7	10.5	9.8	8.8	7.8	6.9	6.8	8.7	16.6	19.1	20.8	20.5	20.0	19.0	17.9	17.0	
Pine Bluff	do	25	9.1	8.7	8.5	8.2	7.9	8.3	15.7	20.5	21.5	22.1	21.8	20.4	18.2	17.8	16.3	15.8	15.0	14.2	13.5	12.6	12.3	14.2	17.4	21.0	22.8	23.8	24.2	23.6	22.6	21.9	
Yancopin	do	29	25.1	24.8	24.2	23.6	23.1	23.1	24.2	28.2	30.3	31.8	32.7	33.1	33.2	33.2	33.1	33.0	33.0	32.9	32.7	32.4	32.2	32.3	32.5	34.0	34.7	35.2	35.8	36.0	36.3	36.5	
Danville	Petit Jean	20	2.8	2.8	2.8	3.2	9.4	22.3	25.6	22.8	21.7	20.0	17.4	15.2	12.3	11.1	16.4	13.5	11.4	10.5	10.0	9.3	20.6	23.5	22.7	21.5	19.3	18.4	15.4	14.2	12.4		

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	..	4.1	4.0	3.3	3.5	4.1	17.3	22.8	21.5	19.8	17.6	9.4	8.5	7.7	7.1	6.5	6.1	5.8	5.6	5.4	5.5	16.6	17.5	21.0	25.5	22.2	14.8	11.8	10.7	10.2	9.7	
Calico Rock	do	18	3.9	3.5	2.8	3.0	2.9	19.6	28.3	22.7	19.9	15.2	10.6	8.7	7.7	7.2	6.5	6.0	5.6	5.3	5.0	4.9	20.7	30.5	27.5	27.4	24.7	18.2	12.8	11.5	10.6	10.0	
Batesville	do	23	9.5	9.1	8.9	8.2	9.9	27.5	31.3	31.5	28.7	25.4	19.8	16.5	14.8	14.0	13.2	12.5	11.9	11.4	11.1	10.8	18.8	33.3	33.2	32.2	31.5	29.1	22.8	19.2	18.0	17.1	
Newport	do	26	9.4	9.0	8.4	8.9	8.5	14.9	23.7	27.7	29.9	30.3	29.5	27.9	26.2	25.0	23.6	22.5	21.4	20.4	19.6	18.8	18.9	24.2	28.9	31.2	32.0	31.8	30.7	29.0	27.5	26.4	
Georgetown	do	22	13.8	13.3	12.8	12.4	11.9	16.3	23.2	26.4	21.5	23.0	24.4	25.4	25.8	25.8	25.4	24.8	24.2	23.6	23.0	22.5	22.2	22.3	22.7	23.4	24.8	26.8	27.4	28.2	28.2	27.8	
De Valls Bluff	do	24	18.8	18.4	17.9	17.5	17.0	18.2	20.9	21.0	21.6	22.4	23.6	24.5	25.1	26.1	26.4	26.3	26.2	25.8	25.4	25.1	24.9	24.8	24.5	24.6	25.0	25.6	26.5	27.3	27.7	27.9	
Clarendon	do	30	22.7	22.5	22.1	21.8	21.4	21.8	22.4	24.1	23.9	24.7	25.9	27.1	28.0	28.9	29.4	29.8	29.9	29.9	29.8	29.6	29.7	29.7	29.4	29.3	29.2	29.3	29.6	30.1	30.5	30.9	
Gilbert	Buffalo	11	5.9	5.8	5.7	5.6	5.5	25.9	10.6	8.0	6.9	6.5	6.2	6.0	5.8	5.9	5.7	5.4	5.2	5.1	5.0	5.2	21.5	17.5	11.4	8.8	7.9	6.8	7.0	6.7	6.4	6.1	
Corning	Black	..	9.7	9.5	9.3	9.4	9.2	10.0	11.2	12.1	13.0	13.2	13.1	13.3	13.3	13.1	12.8	12.6	12.4	12.1	11.8	11.5	11.5	11.7	12.5	13.5	13.5	13.5	13.5	13.5	13.3	13.0	
Black Rock	do	14	7.8	7.8	7.5	7.0	9.0	15.1	24.2	22.8	21.2	19.9	19.3	19.0	18.8	18.9	18.8	18.6	18.2	17.8	17.4	16.6	19.3	24.9	23.7	22.1	21.2	20.9	20.9	21.0	20.9	20.7	
Dam No. 1	Little Red	..	0.7	0.6	0.5	0.8	1.6	26.2	38.8	38.5	20.0	12.8	9.4	8.4	8.0	9.2	8.8	8.5	8.2	7.9	7.6	7.3	12.0	21.2	27.5	21.6	14.0	12.0	11.4	10.7	10.0	9.4	
Patterson	Cache	9	7.1	6.8	6.4	6.0	5.8	6.6	8.6	9.2	9.4	9.2	9.2	9.6	9.7	9.7	9.6	9.4	9.1	8.9	8.8	8.7	8.6	8.8	9.0	9.1	9.1	9.4	9.6	9.6	9.6	9.4	
Arkadelphia	Ouachita	18	0.9	0.8	0.8	1.0	2.0	6.5	17.1	17.3	7.7	5.5	4.4	3.8	3.6	3.2	3.8	3.2	3.2	2.8	2.9	3.0	4.2	13.8	15.8	14.2	7.2	5.2	4.4	3.9	3.9	3.5	
Camden	do	30	6.4	6.1	6.3	6.2	6.3	8.5	15.9	22.9	26.9	29.0	30.2	29.3	26.9	23.6	20.2	18.0	16.3	14.9	13.4	12.1	11.3	15.2	23.4	27.7	29.9	31.4	32.1	31.6	29.2	28.0	
Fulton	Red	28	8.0	7.9	8.7	7.6	7.6	9.1	19.0	23.0	24.4	25.0	25.6	25.0	24.0	22.5	21.0	20.0	19.0	17.7	16.0	14.2	12.4	13.3	16.8	21.6	23.5	24.8	25.3	24.9	24.6	24.5	
Springbank	do	37	7.3	7.3	7.0	6.8	6.6	6.7	8.7	15.7	23.2	24.2	24.8	21.6	24.0	22.7	21.5	19.7	18.7	17.7	17.2	16.2	15.0	15.0	15.7	20.2	24.0	25.4	26.4	26.9	26.6	26.2	
Whitecliffs	Little	28	2.6	2.6	2.4	2.4	1.3	11.5	20.8	24.3	26.7	27.3	27.0	26.6	25.3	22.5	19.8	18.6	16.7	15.0	12.0	9.0	7.6	16.4	21.7	25.2	26.0	25.7	24.2	23.6	21.8	19.9	
Marked Tree	St. Francis	17	7.6	7.5	7.4	7.4	7.2	8.2	9.3	9.9	9.8	9.6	9.5	9.6	9.7	9.9	10.0	10.2	10.4	10.4	10.5	10.6	11.0	12.7	13.5	14.9	14.2	14.0	14.0	14.0	13.9	13.9	
Helena	Mississippi	44	31.3	30.4	29.7	29.4	29.6	30.9	32.2	33.1	34.4	35.7	36.8	37.9	38.2	38.7	39.0	38.9	38.5	37.8	37.0	36.5	36.4	37.1	37.7	38.0	38.5	39.0	39.5	40.0	40.4	40.8	
Arkansas City	do	48	37.2	36.8	36.6	35.2	34.8	34.8	34.2	33.5	37.5	38.9	39.9	40.8	41.6	42.3	43.0	43.3	43.6	43.8	43.8	43.8	43.8	43.6	43.6	43.9	44.3	44.9	45.6	46.2	46.8	47.3	

Daily Precipitation for April, 1928

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	1	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				.34	1.30															1.00	1.25	.02			.12							4.03
Arkadelphia	Ouachita				.19	.03	.74			.32					.28						.28	2.44	.82	.02				.53						5.95
Arkansas City	Mississippi				.04		2.80			.35	.20									.50	.85	1.70	.54				1.25							8.23
Arburg	White				1.75	1.12	2.30							.10	.15					.05	.83	1.75	.40	.46				.14						9.05
Batesville	White				.73	.46	3.42	T.							.25				.21		.58	2.48	.46	.08				.16						8.83
Bee Branch	Arkansas				2.90	2.20	1.42								.90					T.	.36	1.40	.90	.44				.15			.16			10.89
Bentonville	Arkansas				2.54	1.91	T.							.33						.19	2.58	.66	.35				1.18				.11			9.85
Black Rock	White				.19	.10	2.65	.15							.86						.97	3.12	.18	.09										8.61
Bloomeville	Arkansas				2.90	3.83								.69					.03		T.	2.79	.60				.47						11.31
Brinkley	White				.20	T.	3.21			14					.55						.70	4.00	1.00	.11				.80						10.21
Calico Rock	White				.65	.33	2.48								.40						.65	2.54	.62	.18			T.	.35						8.27
Camden	Ouachita				.15	.08	2.61			.47	.02				.18	.26						1.18	1.26	.04				1.11						7.31
Center Point	Red				.48	2.26	.02								.40						T.	2.90	.20				.28							6.54
Clarendon	White				.22	.02	2.86	.07		.09					.53						.46	2.75	1.12	.11				.29						8.52
Clinton	White				3.40	1.02								.31						.17	.82	2.38	.05				.10				.18		11.44
Conway	Arkansas				.88	2.27	1.05							2.06						.12		2.31	.52	.19				.08						9.48
Corning	White				.52	.28	2.63														.73	3.96						.64						8.76
Cotter	White				.35	.15	2.42								.58						1.07	2.90	.70	.30				.35						8.82
Dam No. 1	White			.86		.46	4.06							.65						.22	2.54	.15					.08						9.02
Danville	Arkansas				.12		3.89	T							.92							1.20	1.68				T							9.21
Dardanelle	Arkansas				2.10	.08	2.50								.60					T.	.01	1.37	.86					.15						7.67
De Valls Bluff	White				.22	T.	2.94	.03		T.					.57						.37	3.77	1.13	.28				.25						9.56
Dumas	Mississipp				.10	.05	3.35	.05		.36	.08				.58	.27					.05	1.90	1.80	.10				1.05						9.69
Dutton	White				.75	3.53	.07							.08	.16					T.	1.91	2.94	.53				.47						10.44
El Dorado	Ouachita				.14	.05	3.00		.02	.45	.25	T.			.54	.25					.08	1.10	2.20	.05				.56						8.69
England	Arkansas				.29	.29	2.08	.06		.17				T.	.72						.23	.16	2.33	.74	.29			.27	.19						7.82
Eureka Springs	White				.25	3.90	.05		T.					.25							1.40	3.05	.80				.80						10.61
Fayetteville	White				.41	5.84	.04							.34						.28	3.68	1.81	.48	.04			.92	.03			T.			11.87
Fort Smith	Arkansas			.15	.45	2.31	T.							T						.18	2.13	1.66	T.				.43						7.31
Freeman Sprgs.	Arkansas				1.22	.48	2.47								.11						.49	1.59	.92	.03				.31						7.62
Falron	Red				.16	T.	.56		T.	.57					.85	T.					T.	1.50	1.48	T.				.48						5.60
Georgetown	White				1.03	.06	3.86	T.							.80						.30	2.00	.92	.08				.04						9.09
Gilbert	White				.41	.10	2.82	T.							.40				T.	.45	2.45	.74		.15				.48						8.00
Gravette	Arkansas				.85	4.05	.13							.12						.12	.54	2.61	.68		1.45	.10								9.65
Harrison	White			T.	.48	1.97	.49													.06	1.20	3.29	1.43	.34			.44	.02			.08			10.11
Helena	Mississippi				.02	.12	3.72	.04		.32					.30	.02					.90	1.20	1.26	.06				.48						8.44
Higden	White				2.21	1.57	1.55							T.	.35					.06	.81	1.51	.82	.03							.32			9.23
Hope	Red					.63				T.				.81	T.						.18	1.56					.91				T.			4.09
Hot Springs	Ouachita			.61	.24	2.90	.10							.29	.90					T.		3.70	.40				.25							9.30
Huttig	Red						6.70			1.25					.56	.18							4.47					.85						14.01
Jonesboro	White				.53		3.01								1.00						.50	1.72	.26	T.				.15						7.17
Junction	Ouachita					2.75				T.					.30					T.	T.	2.90					1.81							7.76
Lambrook	White				.15		3.30			.30					.40	.15						2.00		1.72				.65						8.67
Lead Hill	White				.37	2.90	.18							.08						.07	1.18	2.92	1.06				.31				.07			8.24
Little Rock	Arkansas			.02	.48	1.88	.08		T.	.04				.79	T.					.24	.51	2.19	.58				.16	.01			T.			7.01
Lurton	White			T.	1.51	4.10	.11	.01						.22						.03	.97	2.54	.02				.53	.02			.03			10.12
Lutherville	Arkansas			T.	1.37	4.28	.27							.15	.01					.03	.18	2.95	.50				.08				T.			9.75
Magnolia	Red					.54	1.12			.58					.43	.30					.05	1.34	1.59					.83						6.78
Malvern	Ouachita				.40	.20	1.06	.02		.21					.39						.10	2.68	.87	.25				.45						6.63
Mammoth Spg.	White					.37	.18	4.05	.17						.57						.61	2.54	.14				.40				.13			9.46
Marianna	Mississippi				.02	.04	2.32			.17					.38					.23	.23	1.74	1.35	.02				.22			.28			7.00
Marked Tree	Mississippi				.16		3.86								.60						.48	2.10	.62	.05				.10						7.97
Marshall	White				1.00	4.20	.50							T.	.80					T.	1.85	2.50	1.02	.08			.30	10			.20			12.55
Mena	Ouachita				1.55	.22	3.96	T.							.49						T.	1.85	1.63					.40						10.10
Morrillton	Arkansas				1.28		3.30								.80							1.08	.85					.12						7.43
Mountain Home	White				.30	2.00	.40															2.85	2.45	.68				.35						9.03
Newport	White				.56	.43	3.35	.02							.70						.34	2.50	.42	.11				.05						8.48
Osceola	Mississippi				.12		2.40							T.						.37	3.15	.35	.10				.67			.12	72	..	8.00
Ozark	Arkansas				1.03	.80	2.40	T.													.41	2.25	1.33					.55						8.77
Paragould	Mississippi				.50	1.20	2.71														2.13	1.57	.24				.11						8.46
Patterson	White				.75	.05	2.46								.86						.54	2.38	.65					.11						7.80
Piggott	Mississippi				.37	.96	2.18								.50					.05	.74	2.08	.11				.30				.13			7.42
Pindall	White				.42	2.63	.06								.42					.08	1.54	1.30	1.44				.53				.11			8.53
Pine Bluff	Arkansas				.35	.08	3.90	.01		.31	T.				.52	.10					.05	3.29	1.07	.18					.92						10.78
Pocahontas	White				.65	1.15	2.02								.65						1.13	2.42	.13	.10				.35				.32			8.92
Portland	Ouachita				.04		2.43			.49	.16	.07			1.24	.01					.09	1.25	2.06	.28					1.01						9.43
Prescott	Ouachita			.27	.01	.64			1.10					.41	.02					.04	1.30	1.21					.82							5.82
Princeton	Ouachita				.10	.15	2.70								.35					T.		2.80	.11					1.63						7.84
Rison	Ouachita				.20	.10	2.70			.50					.15	.25						2.20	.90					1.03						8.03
Rogers	White				.79	4.09								.24						T.	1.02	2.40	.71				.71				.11			10.07
Searcy	White					.54	2.90								.60						.20	3.80	.70	.20				.06						9.00
Springbank	Red				T.	T.	1.28		T.	.55	.27				.46	.30					T	1.47	2.25					1.52						8.10
Story	Ouachita			1.84	.10	3.85									.42							1.34	.96					.20						8.71
Stuttgart	Arkansas			.19	.04	3.07	.03		.25					.65						.78	2.41	1.11	.25				.55							9.33
Subiaco	Arkansas			T.	2.00	3.90	.07	.02							.20	.06						T.	.03	2.55	.40					.20	.02				9.45
Texarkana	Red				.20		.78		T.	.62	.09				.88	.05						T.	.80	1.50					.80						5.72
Thornburg	Arkansas				1.37	4.00	.13							T.	.58					.70	.02	1.78	.64	.10			.11	.01			.03			9.47
Waldron	Arkansas			T.	1.26	3.10	T.								.47					T.	T.	2.10					.55				T.			7.48
Warren	Ouachita			T.	T.	5.00			.34	T.				.43	.22					.03	1.30	2.00	.12				1.03				T.			10.47
Waters	Ouachita				1.22	4.50				T.				.66	T.							3.96	.42				.32							11.08
Whitecliffs	Red				.44	.05	1.55			.55					.73							1.27	.72					.42						5.73
Wilson	Mississippi				.11	3.25	.03							.40					.10	.40	4.00	.44	.14							.28			9.15
Wynne	Mississippi				.23	T.	4.05								.76						.53	2.11	.78	.08				T						8.54
Yancopin	Arkansas				.01	.02	3.27	.04		.33	.05				.46	.16					.18	1.05	1.53	.05				1.31						8.46

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. || For 24 hours ending 7 a. m. T. Trace, or less than 0.01 inch.
* Precipitation indicated in the next following measurement.

Daily Temperatures for April, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	80	75	78	83	75	70	70	65	61	62	70	76	74	70	65	71	77	80	73	64	64	79	78	79	74	69	71	84	76	78		73.0
	Minimum	49	50	51	61	60	55	51	39	36	32	31	45	51	39	33	30	48	55	57	45	48	53	49	47	48	42	35	55	59	55		47.0
Batesville§§	Maximum	80	76	72	74	70	66	56	56	49	58	66	68	66	47	51	65	73	78	64	57	78	59	71	78	68	56	62	67	77	65		65.8
	Minimum	30	51	56	60	59	41	41	33	38	27	29	32	47	37	32	27	34	46	57	46	47	55	47	42	49	48	39	31	39	59		42.6
Bentonville	Maximum	79	75	75	69	66	57	49	50	50	57	64	64	64	43	51	66	74	78	62	53	84	56	69	75	69	54	56	66	77	70		63.4
	Minimum	49	60	63	58	56	37	34	32	28	30	36	37	40	28	26	35	51	56	45	45	50	44	38	48	52	40	35	34	55	52		43 1
Bee Branch	Maximum	82	77	75	70	70	70	56	55	52	56	65	68	66	65	51	63	75	77	75	58	65	69	72	79	79	66	61	65	78	78		67.9
	Minimum	41	53	62	56	57	47	39	34	35	29	31	45	48	35	30	29	42	47	55	45	48	50	45	43	52	45	47	33	49	51		44.1
Blytheville	Maximum	78	77	77	76	75	70	62	55	50	55	65	62	70	68	49	63	74	74	76	64	66	63	68	78	78	57	55	69	75	69		67.2
	Minimum	49	58	58	63	56	42	38	37	34	37	49	50	41	33	31	45	52	63	49	49	56	53	46	50	49	43	41	39	46	49		46.9
Booneville	Maximum	83	77	74	74	72	60	54	55	53	59	69	70	72	61	55	71	77	80	76	57	59	63	73	81	79	70	64	71	81	77		68.9
	Minimum	50	60	65	59	56	45	37	37	38	29	33	41	53	35	30	32	52	58	57	49	51	53	45	44	49	47	39	34	55	59		46.4
Brinkley	Maximum	80	78	76	78	77	68	60	56	53	58	67	69	71	69	52	63	75	79	76	65	67	71	69	78	72	66	60	65	77	76		69.0
	Minimum	48	57	63	60	64	55	44	38	40	35	32	49	49	42	33	28	41	52	51	48	55	52	48	48	51	50	43	35	45	58		47.1
Calico Rock§§	Maximum	87	78	71	72	69	68	56	68	52	59	70	72	67	47	55	68	78	79	64	56	69	57	74	84	67	54	61	72	84	67		67.5
	Minimum	32	49	61	60	59	57	39	32	33	28	30	35	46	34	30	29	32	45	52	45	45	54	44	42	46	49	37	32	35	56		42.3
Camden§§	Maximum	80	80	76	79	76	61	60	50	46	61	69	73	77	49	56	68	77	81	72	74	69	67	73	78	80	68	65	69	77	79		69.7
	Minimum	33	42	57	62	63	55	39	42	37	38	32	36	48	46	32	29	32	45	52	45	45	54	44	42	46	49	37	32	35	56		45.4
Center Point	Maximum	80	77	73	77	74	62	55	52	49	63	63	74	73	72	61	67	77	79	76	70	65	69	76	79	77	74	65	70	79	76		70.1
	Minimum	50	55	63	61	60	46	36	40	37	33	39	43	53	40	31	35	46	55	62	48	55	55	47	50	55	50	42	39	53	59		47.9
Conway	Maximum	82	78	74	75	73	65	56	56	52	59	70	70	68	69	54	67	78	81	76	57	65	70	72	82	75	67	64	70	79	70		69.1
	Minimum	49	58	65	61	58	48	41	39	40	30	32	48	50	40	34	31	45	53	55	48	52	51	48	45	52	50	41	36	51	60		47.0
Corning	Maximum	80	78	73	73	73	71	60	58	52	56	64	68	67	60	51	61	72	78	74	68	71	67	71	78	68	68	59	64	75	72		67.7
	Minimum	48	59	64	59	58	56	38	35	35	29	30	46	52	36	31	29	48	51	52	44	52	51	45	48	49	43	36	35	48	57		45.5
Dardanelle	Maximum	85	80	75	74	72	63	58	55	53	58	69	67	70	69	51	65	79	78	76	59	63	68	74	81	79	69	63	67	82	81		69.5
	Minimum	48	58	66	58	66	57	39	39	40	32	36	48	53	39	35	35	48	55	64	49	51	59	47	47	53	52	42	39	54	60		49.0
Dumas	Maximum	78	81	77	79	79	70	62	56	47	57	70	69	78	72	52	63	76	79	76	70	71	63	68	78	78	69	60	70	75	79		70.1
	Minimum	44	55	61	61	64	59	41	44	37	40	35	46	49	48	32	31	39	46	61	53	56	55	51	47	50	53	45	37	48	57		48.2
Dutton	Maximum	77	75	70	65	64	55	47	49	49	57	63	66	60	60	52	65	74	73	70	53	60	61	67	74	74	68	56	63	76	70		63.8
	Minimum	38	56	60	54	52	38	32	27	27	22	27	31	47	27	28	26	44	46	47	41	51	46	38	36	42	40	30	40	52	49		39.6
El Dorado	Maximum	80	81	77	80	79	67	62	54	48	59	69	74	77	71	53	68	78	80	75	77	74	67	72	78	81	75	65	71	78	79		71.6
	Minimum	52	54	63	65	65	50	39	41	38	40	36	43	52	34	33	33	47	56	64	55	58	58	53	50	51	49	46	40	51	60		49.2
England	Maximum	82	78	75	76	75	68	60	65	50	58	70	69	72	70	52	64	72	81	75	62	67	69	72	81	78	69	61	66	77	73		69.6
	Minimum	52	58	63	62	65	55	41	40	40	35	34	48	50	42	34	30	42	55	53	48	55	52	52	46	51	48	43	37	51	58		48.0
Eureka Springs	Maximum	80	76	76	72	66	57	50	51	52	61	66	66	65	59	54	68	77	78	75	50	64	57	69	76	69	58	59	68	77	75		65.7
	Minimum	55	61	64	56	54	39	34	31	27	30	27	38	52	28	25	37	50	57	45	43	49	46	40	52	50	41	34	36	55	50		43.9
Fayetteville	Maximum	79	77	76	72	67	58	48	50	48	60	65	67	66	53	55	67	76	78	74	57	61	58	70	75	76	66	58	66	76	73		65.7
	Minimum	50	61	63	56	55	40	32	29	27	30	34	37	51	28	24	35	50	57	48	43	49	47	38	47	51	41	34	32	54	56		43.3
Fort Smith	Maximum	81	77	79	73	72	58	51	54	52	59	69	68	70	46	53	71	77	80	69	56	59	59	70	79	78	58	62	71	78	68		66.6
	Minimum	49	61	62	60	57	43	39	40	38	35	38	46	45	35	32	37	51	58	51	48	54	52	46	50	55	46	42	41	56	58		47.5
Gravette	Maximum	79	76	77	75	66	57	47	48	58	58	64	65	68	60	53	52	65	81	75	55	63	58	69	73	75	65	58	65	78	74		65.1
	Minimum	31	63	65	56	55	39	32	32	28	30	36	33	55	28	31	24	32	34	45	45	48	45	34	40	42	41	35	31	52	51		40.4
Harrison	Maximum	86	80	76	68	67	65	55	58	57	63	75	69	67	59	60	77	..	84	75	58	66	52	77	86	75	60	63	60	87	71		68.8
	Minimum	42	59	61	56	55	43	36	30	28	25	29	38	50	29	25	28	..	47	47	42	50	42	41	43	46	41	36	30	46	54		41.3
Helena	Maximum	78	79	75	77	80	77	59	54	50	57	66	70	76	73	51	63	74	79	74	69	71	72	69	77	73	62	60	65	66	72		68.9
	Minimum	49	56	62	60	65	55	41	42	37	40	35	50	52	37	33	29	41	54	53	49	54	52	49	50	51	52	43	34	50	58		47.8
Hope	Maximum	85	85	78	80	79	68	58	55	48	62	74	81	81	60	62	77	79	85	80	71	77	69	70	85	85	68	68	75	85	85		73.8
	Minimum	60	56	68	62	61	46	38	42	37	36	32	50	49	40	31	30	46	55	50	49	56	54	55	61	60	50	50	50	55	60		49.6
Hot Springs	Maximum	78	77	73	74	69	73	59	58	52	59	69	73	70	71	55	69	77	79	74	57	62	71	79	79	81	72	65	71	72	79		69.9
	Minimum	36	56	64	61	56	39	39	39	32	44	31	42	48	39	31	30	45	52	56	47	54	52	48	45	49	46	40	37	44	52		45 1
Jonesboro	Maximum	80	78	76	76	73	70	66	53	51	53	65	68	69	68	49	65	73	78	76	58	66	61	70	79	79	66	58	66	77	75		67 4
	Minimum	51	59	63	58	61	60	41	36	37	32	34	47	49	38	32	30	45	49	47	44	54	51	45	50	49	45	39	37	46	60		46.3
Lambrook	Maximum	80	79	76	78	77	68	58	51	45	58	67	70	77	49	51	64	78	77	75	72	64	72	68	77	78	63	62	65	76	76		68 4
	Minimum	42	59	63	61	63	59	43	44	38	39	36	44	46	45	33	31	39	52	45	46	52	54	50	50	52	52	44	44	41	60		47.6
Lead Hill	Maximum	85	81	75	75	69	65	53	53	53	60	72	68	67	61	56	72	81	81	75	51	68	68	72	80	71	60	60	72	82	75		68.7
	Minimum	33	44	63	59	56	44	37	28	26	24	28	35	47	31	22	25	50	46	47	43	50	50	39	40	45	43	34	29	54	53		40.9
Little Rock	Maximum	78	77	74	76	73	63	56	54	47	55	68	68	72	59	51	66	76	80	68	60	61	69	70	79	73	57	60	68	77	69		66.8
	Minimum	53	60	63	61	56	46	41	42	40	36	40	50	52	39	35	35	48	56	50	47	53	54	50	50	55	44	42	41	54	59		48.5
Lurton	Maximum	79	71	65	64	63	56	50	49	47	53	61	63	58	53	49	61	71	69	64	48	61	58	66	73	70	51	54	62	75	65		60.9
	Minimum	48	42	55	53	52	38	33	31	28	30	35	39	48	28	24	32	45	53	45	41	47	45	41	49	48	38	34	37	50	52		41.1
Lutherville	Maximum	81	77	73	70	69	58	53	52	52	58	65	67	64	61	53	65	76	73	71	56	60	68	69	77	73	63	60	66	80	73		66.1
	Minimum	46	57	63	56	54	42	35	34	36	29	34	45	53	34	30	32	47	55	52	38	44	51	44	47	53	43	39	36	37	57		44.1
Magnolia	Maximum	80	80	77	79	76	69	60	50	46	60	69	74	76	71	55	69	77	81	77	77	78	67	72	75	80	72	68	70	79	80		71.6
	Minimum	51	56	64	63	66	49	39	44	36	38	34	44	53	43	32	32	47	55	64	51	57	55	52	48	53	51	45	40	52	60		49.1
Malvern	Maximum	81	79	76	77	75	66	61	55	49	61	72	75	74	72	58	69	79	82	75	62	61	72	76	80	81	78	66	71	79	77		71.3
	Minimum	43	58	65	62	65	49	40	41	39	35	30	42	50	41	34	29	41	53	56	48	55	54	48	42	46	48	42	34	47	56		46.4
Mammoth Spg	Maximum	78	79	74	72	73	69	62	54	51	57	66	67	64	63	50	65	76	78	79	57	68	65	70	82	73	54	57	70	80	74		67.6
	Minimum	40	41	64	59	57	55	37	32	31	27	29	41	48	32	29	27	50	46	49	41	49	52	44	42	49	40	37	32	47	41		42.3
Marianna	Maximum	78	79	76	77	78	69	60	58	58	56	65	68	74	74	60	62	72	78	75	67	72	70	76	78	75	69	59	65	74	72		69.6
	Minimum	46	45	63	61	65	58	44	41	40	39	38	51	50	43	32	30	46	63	54	49	57	50	51	49	68	53	44	40	49	49		49.1
Marked Tree§§	Maximum	78	78	77	76	69	57	55	47	57	67	69	71	47	49	64	75	79	65	66	65	65	68	79	68	57	58	67	76	68	83		66.7
	Minimum	54	59	58	59	56	41	39	38	34	35	39	47	40	33	29	35	50	57	46	47	55	46	49	51	48	41	38	42	56	48		45 7
Marshall	Maximum	82	81	75	69	68	63	51	52	52	52	66	67	63	63	51	67	75	75	74	53	66	63	69	77	75	63	58	67	79	78		66 5
	Minimum	53	58	63	57	55	46	37	36	29	27	33	38	53	32	28	34	47	56	50	43	47	53	41	50	42	34	31	55	56	44		44 0
Mena	Maximum	79	75	72	72	69	58	52	50	50	59	68	70	78	70	57	69	76	76	71	59	57	66	72	78	80	70	61	71	79	72		67.7
	Minimum	50	56	61	58	49	43	36	38	37	28	31	40	51	36	30	32	50	57	59	45	53	50	45	47	48	46	41	34	45	57		45.1
Morrilton§§	Maximum	82	77	72	74	68	63	55	56	50	58	68	70	70	46	54	66	78	78	66	57	64	71	73	81	78	57	63	68	79	65		66.6
	Minimum	39	58	60	60	60	56	41	40	39	34	33	44	50	40	31	32	41	50	60	48	51	53	50	48	54	51	41	40	44	59		47.0
Mountain Home	Maximum	..	..	70	69	69	68	54	54	52	60	69	69	66	64	57	55	71	77	77	69	50	66	59	76	77	69	56	59	69	81		65.2
	Minimum	..	..	61	57	55	40	38	32	29	26	31	37	39	51	31	28	29	50	49	47	43	50	49	43	42	50	41	36	32	50		41.6
Newport	Maximum	83	79	74	78	75	68	60	59	53	60	68	72	68	68	54	66	76	80	77	57	68	64	73	80	74	59	65	68	79	74		69.3
	Minimum	47	58	64	60	58	53	41	37	38	32	35	48	52	38	33	32	44	52	50	46	53	56	47	48	50	47	40	41	49	60		46.3
Osceola	Maximum	80	77	78	78	78	..	..	..	..	..	..	..	..	..	..	76	74	76	64	65	65	64	68	79	67	57	57	67	74	..		71.0
	Minimum	30	57	62	58	56	56	42	38	37	34	35	44	51	44	28	..	..	..	42	46	53	47	48	52	57	41	44	48	59	49		46.6
Ozark§§	Maximum	82	80	76	72	60	57	56	55	55	62	70	69	69	55	48	69	72	80	67	57	66	66	72	81	76	50	64	70	81	82		67.3
	Minimum	38	44	56	59	59	55	38	35	37	31	35	40	38	36	30	34	45	48	56	47	51	54	44	45	49	48	39	35	46	56		44.3
Pine Bluff	Maximum	82	87	75	79	76	68	68	53	49	66	74	78	76	70	59	72	79	84	75	66	70	67	74	82	84	74	66	74	79	72		72.6
	Minimum	51	58	62	61	63	50	40	45	39	39	35	46	52	37	36	32	45	57	56	50	56	57	52	50	52	48	45	40	54	60		48.8
Pocahontas	Maximum	81	76	72	72	72	69	63	58	52	56	66	70	68	64	52	61	71	75	76	58	70	67	73	80	74	60	61	65	77	75		67.8
	Minimum	45	55	58	59	58	55	37	33	35	31	31	46	48	36	31	28	48	55	52	44	50	53	49	43	50	43	35	39	47	53		44.6
Portland	Maximum	84	85	81	81	80	74	65	59	47	60	72	75	81	75	53	67	79	82	77	73	73	73	70	81	76	83	68	70	78	84		73.6
	Minimum	45	51	59	63	65	60	42	44	38	40	37	50	50	46	36	33	47	53	60	55	57	55	53	47	50	54	47	42	49	57		49 3
Prescott	Maximum	82	79	78	79	76	68	60	61	51	58	70	74	78	67	55	71	83	78	71	72	67	68	74	81	82	76	67	76	80	81		72 1
	Minimum	46	48	59	68	62	54	37	37	38	36	33	40	52	42	31	32	41	58	54	49	53	55	50	47	51	54	44	39	49	54		47.2
Rison	Maximum	80	80	76	78	78	60	64	59	50	60	70	72	78	78	54	69	77	81	78	71	73	70	73	80	82	76	63	70	78	80		72 1
	Minimum	50	56	63	61	65	51	40	44	38	39	34	45	53	41	32	31	42	55	62	50	56	57	51	49	51	53	44	37	51	59		48 7
Rogers	Maximum	82	78	78	70	63	57	51	52	51	58	67	67	70	60	52	68	74	76	74	57	69	56	68	76	72	59	57	67	78	74		66.1
	Minimum	39	60	64	54	52	40	34	29	27	26	32	35	52	29	25	30	50	54	44	43	49	46	39	43	51	41	35	31	53	57		42 2
Searcy	Maximum	80	77	77	75	73	67	58	56	55	57	61	70	68	69	53	63	73	79	76	56	65	67	70	80	74	62	62	67	75	76		68 0
	Minimum	40	43	64	60	58	55	41	37	36	33	32	44	47	39	33	29	42	47	60	47	54	53	47	44	52	49	40	36	56	57		45.8
Stuttgart	Maximum	79	79	74	78	76	69	59	54	50	57	68	69	75	68	51	63	76	80	75	65	69	68	70	78	76	69	60	67	77	74		69.1
	Minimum	48	57	61	60	63	55	41	40	39	35	33	46	51	41	34	31	43	52	52	48	55	52	50	48	51	50	42	36	49	51		47.1
Subiaco	Maximum	78	80	77	74	73	60	53	54	56	55	60	71	69	71	65	63	70	79	80	75	59	62	65	71	81	77	68	65	70	76		68.6
	Minimum	46	59	66	67	56	44	32	35	44	37	30	34	46	53	33	30	33	47	55	55	48	51	54	46	48	51	45	39	39	58		46 0
Texarkana	Maximum	83	80	77	81	75	65	62	51	48	67	72	80	75	70	63	75	81	85	83	81	72	65	79	83	83	73	70	73	83	80		73.8
	Minimum	51	56	64	63	63	50	37	42	37	37	33	42	55	39	33	36	49	56	63	51	59	54	50	46	53	51	45	38	53	59		48.8
Warren	Maximum	79	79	79	77	76	66	61	58	47	59	70	72	77	75	52	66	77	80	79	70	72	68	70	79	81	80	61	69	78	79		71.2
	Minimum	58	64	64	66	61	42	46	39	42	38	52	55	48	33	33	44	57	63	52	58	58	54	52	51	54	46	42	50	61	61		51.5
Wilson	Maximum	78	78	77	77	76	70	57	53	53	61	66	68	74	64	48	61	74	78	70	66	70	69	67	78	75	62	59	64	79	72		68 1
	Minimum	50	56	62	57	56	55	41	36	37	34	34	48	49	41	32	27	44	53	48	50	50	55	47	50	51	46	40	34	47	58		46.3
Wynne	Maximum	80	78	77	78	78	67	60	55	50	58	66	69	68	68	51	63	74	77	72	63	66	69	70	78	70	65	60	65	75	70		68.0
	Minimum	46	56	62	59	64	57	43	38	39	33	32	49	50	40	34	30	43	53	50	48	56	53	47	48	47	46	42	33	49	57		46.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., MAY, 1928 No. 5

GENERAL SUMMARY

May was marked by rather uniform temperature and moderate rainfall, all extremes being well within the limits established by previous records. Rainfall was light during the first two weeks, but thereafter showers were frequent, rain being reported at one or more stations in the State every day from the 14th to the 31st except on the 24th. Normally May is the wettest month of the year in Arkansas, but despite the frequent showers the latter half of the month, the average for 88 stations was 3.60 inches which is 1.42 inches below normal. Monthly totals ranged from 7.35 inches at Mountain Home to 0.99 inch at Amity. The greatest amount for any 24 hour period was 3.10 inches at Mountain Home on the 21st. The average number of rainy days was 8. The mean temperature, as determined from the records of 58 stations, was 69.5° which is 0.5° above normal. The highest monthly mean was 75.2° at Warren, the least 63.6° at Dutton, a difference of 11.6° between the northwestern and southern sections of the State. The highest temperature recorded was 98° at Portland on the 10th. The lowest was 34° at Thornburg on the 8th. The greatest daily range was 49° at Lead Hill on the 9th.

The weather during the first half of the month was too cool for the growth of cotton, but favorable for planting and cultivation of all crops. During the latter half showers interfered with all farm work and at the close of the month many fields were grassy. Strawberries were late owing to the cool weather and were damaged by the frequent showers. Sweet potatoes were being set at the close of the month and corn, oats, and truck patches were making good growth. The overflow on the White which occurred the latter days of April extended into the early days of May in the lowlands of the eastern part of the State and interfered with planting.

Five persons were killed by lightning in Arkansas during the month, one at Imboden and one at Piggot on the 18th, one at Helena on the 19th, one at Wynne on the 22d, and one near Augusta on the 25th. W.C.H.

Wind, Hail, Tornadoes, May, 1928

Place	Date	Time	Character	Dir. from	width yards	Killed	Inj.	Damage
Lutherville	15	8.00pm	Tornado	nw	1760	0	3	Slight
Lutherville	15	8.00pm	Heavy Hail			0	0	$25,000
Springdale	15	10.00p	Heavy Hail			0	0	4,000
Wynne	21	12.15p	Moderate Hail			0	0	Slight

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--3d, 1; 4th, 12; 5th, 1; 11th, 1; 12th, 3; 14th, 12; 15th 20; 16th, 13; 17th, 14; 18th, 25; 19th, 31; 20th, 8; 21st, 21; 22d, 15; 23d, 2; 24th, 1; 25th, 9; 26th, 2; 27th, 7; 28th, 11; 29th, 14; 30th, 2; 31st, 17.

SOLAR HALOS:---12th, 2; 13th, 1; 18th. 1; 31st, 2.

LUNAR HALOS:---31st, 2.

DENSE FOG:------1st, 1; 2d, 1; 20th, 2; 30th, 5.

Supplemental Precipitation Table

Stations	Counties	Elevation, feet	Length of record, years	Precipitation, inches: Total	Departure	Greatest in 24 hours	Total snow unmelted	Number of Days: Precip., .01 in. or more	Clear	Ptly. cldy.	Cloudy	Wind direction
Cold Springs	Scott	1250	2	3.69	.....	1.37	0.0	9	14	8	9	s
Jessieville	Garland	750	2	3.10	.....	1.50	0.0	4	18	8	5	...
Oden	Montgomery	800	2	1.80	.....	0.50	0.0	6	10	10	11	sw
St. Francis	Clay	290	1	2 71	.....	0.91	0 0	7	25	0	6	.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.94	30.35	5	29.79	27	4,289	36	se.	14	.....	.....	80
Fort Smith	29.94	30.34	5	29.65	27	5,209	24	nw.	17	75	52	74
Little Rock	29.94	30.26	5	29.61	27	5,790	28	nw.	19	73	52	75
Memphis	29.95	30.25	12	29.63	27	4,872	35	w.	21	73	53	74

COMPARATIVE DATA FOR MAY

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**69.0**		**107**		**24**		**5.02**		**13**	**10**	**8**	**8**
1891	67.0	−2.0	97	30	36	7	2.78	−2.24	15	9	7	7
1892	67.8	−1.2	95	4	36	22	9.52	+4.50	8	11	12	13
1893	68.6	−0.4	94	19	38	2	9.71	+4.69	14	8	9	11
1894	70.1	+1.1	95	27	35	20	3.40	−1.62	12	12	7	7
1895	69.0	0.0	97	30	36	13	3.91	−1.11	13	11	7	8
1896	74.3	+5.3	98	8	46	2	3.54	−1.48	15	10	6	7
1897	68.3	−0.7	99	28	33	26	2.13	−2.89	17	9	5	5
1898	72.1	+3.1	100	29	30	7	6.44	+1.42	16	9	6	7
1899	72.9	+3.9	96	15	44	5	6.45	+1.43	10	12	9	10
1900	69.3	+0.3	97	15	37	4	3.69	−1.33	12	12	7	9
1901	68.2	−0.8	100	2	31	26	2.95	−2.07	12	13	6	7
1902	73.2	+4.2	100	22	42	1	4.34	−0.68	12	12	7	8
1903	67.5	−1.5	96	23	24	1	7.47	+2.45	9	11	11	12
1904	67.1	−1.9	98	23	31	12	3.39	−1.63	13	12	6	8
1905	70.7	+1.7	98	31	38	1	9.58	+4.56	9	11	11	12
1906	68.8	−0.2	100	30	28	9	4.71	−0.31	15	8	8	8
1907	63.8	−5.2	91	23	31	15	9.48	+4.46	7	13	11	13
1908	70.0	+1.0	96	23	30	8	7.05	+2.03	8	13	10	10
1909	67.0	−2.0	92	5	28	2	6.76	+1.74	14	9	8	10
1910	66.0	−3.0	95	30	31	7	6.56	+1.54	12	10	9	11
1911	70.8	+1.8	101	28	26	2	1.11	−3.91	19	10	2	3
1912	69.9	+0.9	98	24	32	17	2.41	−2.61	15	11	5	6
1913	69.3	+0.3	99	31	35	7	3.32	−1.70	16	10	5	7
1914	69.5	+0.5	97	31	34	9	3.34	−1.68	12	13	6	6
1915	69.9	+0.9	101	14	34	8	5.58	+0.56	12	9	10	9
1916	71.6	+2.6	99	28	34	16	3.56	−1.46	18	7	6	6
1917	63.5	−5.5	97	26	31	1	3.15	−1.87	15	7	9	6
1918	72.2	+3.2	102	30	29	1	3.01	−2.01	17	8	6	4
1919	66.8	−2.2	96	31	38	21	6.01	+0.99	9	9	13	12
1920	70 8	+1 8	96	24	39	14	8.17	+2.95	11	9	11	12
1921	69.7	+0.7	99	31	29	3	2.25	−2 77	18	8	5	5
1922	70.8	+1.8	100	11	40	1	5.00	−0.02	12	10	9	11
1923	67.2	−1.8	98	20	27	9	8.24	+3 22	11	8	12	12
1924	64.6	−4.4	94	18	30	11	4.64	−0.38	15	8	8	8
1925	68.0	−1.0	102	30	26	1	1.88	−3.14	17	7	7	4
1926	69.7	+0.7	107	29	29	15	2.42	−2.60	17	8	6	5
1927	71.7	+2 7	97	29	32	16	6.54	+1.52	12	9	10	9
1928	69.5	+0.5	98	10	34	8	3.60	−1.42	17	7	7	8

Climatological Data for May, 1928*

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	750	33	70.8	+1.4	94	17	44	5†	40	0.99	−4.63	0.35	0.0	4	10	13	8	s.	G. C. Thrash
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	2.14	−3.28	0.87	0.0	7	19	3	9	s.	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	1.97	−2.61	0.75	0.0	6	18	3	10	.....	Carl R. Cutting
Ashdown	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	3.76	.....	1.10	0.0	7	15	7	9	ne.	J. D. Reeves
Ariberg	Independence	277	29	66.6	−1.2	88	30	38	8	42	3.65	−1.24	1.32	0.0	9	22	1	8	se.	Mrs. Lelia I. Teter
Batesville	Van Buren	700	36	68.7	+0.1	90	30	40	8	40	6.13	+1.32	1.95	0.0	9	15	8	8	s.	J. E. Scanlan
Bee Branch	Benton	1303	23	66.2	−0.2	83	30	43	5	37	6.62	+1.40	1.33	0.0	11	24	3	4	n.	U. S. Weather Bureau
Bentonville	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	3.77	−1.16	1.81	0.0	7	19	3	9	s.	Vernon C. Howe
Black Rock	Mississippi	252	3	69.4	.....	89	10	44	8	40	2.20	.....	0.88	0.0	8	18	8	5	sw.	W. Ebner
Blytheville	Logan	465	14	70.6	−0.5	96	26	45	7	41	3.67	−1.61	1.18	0.0	7	17	7	7	e.	F. H. Randolph
Booneville	Monroe	205	41	69.0	−1.0	89	11	39	8	41	4.84	+0.01	1.25	0.0	7	18	7	6	ne.	R. J. Torry
Brinkley	Izard	361	24	66.7	−0.2	94	30	38	8	47	5.03	+0.58	1.59	0.0	9	15	8	8	s.	W. J. Copp
Calico Rock	Ouachita	158	43	70.3	−0.9	91	31	44	6†	39	2.03	−2.41	0.78	0.0	8	12	6	13	sw.	A. B. Quarterman
Camden	Howard	470	29	71.8	+0.8	95	31	48	5	32	3.08	−3.20	0.85	0.0	8	14	8	9	se.	John C. Floyd
Center Point	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	3.98	−1.08	1.06	0.0	9	12	5	14	s.	J. W. Bishop
Clarendon	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	4.45	.....	1.42	0.0	10	6	15	10	w.	A. L. Stephens
Clinton	Faulkner	309	45	70.0	−0.1	90	30	43	8	37	2.96	−1.77	0.61	0.0	8	20	6	5	s.	E. E. Cordrey
Conway	Faulkner	293	35	67.7	−0.8	89	10†	37	8	46	5.74	+1.38	1.37	0.0	9	24	2	5	w	Winfred D. Polk
Corning	Clay	408	1	.....	.....	.....	.....	.....	.....	.....	3.73	.....	1.15	0.0	7	18	0	13	n.	J. O. Linck
Cotter	Marion	190	5	.....	.....	.....	.....	.....	.....	.....	2.27	.....	0.90	0.0	5	23	3	5	sw.	J. O. Yingling
Dam No. 1‡‡	White	327	12	.....	.....	.....	.....	.....	.....	.....	3.54	−0.27	0.95	0.0	4	17	10	4	s.	C. P. Evans
Danville	Yell	330	42	71.2	+1.6	92	25†	49	6†	36	2.72	−2.77	1.09	0.5	7	15	15	1	se.	G. N. Goodier, Jr.
Dardanelle	Yell	153	1	.....	.....	.....	.....	.....	.....	.....	4.75	.....	1.58	0.0	7	23	0	8	.....	H. G. Pate
De Valls Bluff	Prairie	163	22	69.0	−3.2	92	31	41	8	40	3.48	−1.74	1.16	0.0	10	12	13	6	s.	Ben Johnson
Dumas	Desha	162	22	69.0	−3.2	92	31	41	8	40	4.13	−2.31	1.19	0.0	9	16	8	7	s.	J. M. Ricketts
Dutton	Madison	1590	25	63.6	−0.5	89	9	35	7	46	3.04	−1.51	1.20	0.0	7	12	13	6	s.	J. J. Babb
El Dorado	Union	270	27	72.2	+1.2	96	31	45	8	37	4.56	+0.47	1.92	0.0	8	15[a]	6[a]	9[a]	n.	Dr. R. H. Hardin
Englund	Lonoke	229	21	70.0[a]	−0.1	89[a]	11†	41[a]	8	40[a]	4.56	+0.47	1.92	0.0	8	15[a]	6[a]	9[a]	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1165	28	67.7	+0.9	88	30	45	5†	36	6.17	+0.31	1.51	0.0	11	14	13	4	sw.	Geo. W. Nicholds
Fayetteville††	Washington	1451	41	66.9	+0.7	91	30	40	7	40	4.22	−1.39	1.13	0.0	10	17	6	8	s.	University of Arkansas
Fort Smith	Sebastian	457	47	70.6	+1.0	93	30	52	5	31	5.43	+0.61	1.76	0.0	9	16	10	7	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	3.60	.....	0.98	0.0	11	19	5	7	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	2.13	−2.44	1.02	0.0	6	14	6	11	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	2.30	−1.63	0.88	0.0	6	12	4	15	s.	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	3.25	.....	1.05	0.0	9	15	8	8	.....	Ben F. Battenfield
Grannis	Polk	900	9	68.0	.....	92	31	42	6†	39	3.51	.....	1.50	0.0	5	13	10	8	s.	W. E. McVay
Gravette	Benton	1250	31	66.6	−1.0	88	30	42	5†	38	4.24	−1.78	1.24	0.0	9	16	11	4	se.	A. F. Stevens
Harrison	Boone	1052	27	67.8[b]	+1.9	98[c]	30	38[c]	8	51[c]	4.27	−0.82	1.66	0.0	8	14[c]	3[c]	7[c]	.....	G. L. Wright
Helena	Phillips	250	56	69.3	−1.5	90	11	40	8	42	5.42	+0.93	1.65	0.0	9	15	3	13	s.	James A. Burnett
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	3.66	.....	1.15	0.0	9	17	9	5	s.	Geo. W. Baker
Hope	Hempstead	377	57	71.6	+0.4	97	31	45	13	41	2.49	−2.72	0.82	0.0	7	23	4	4	s.	N. P. O' Neal
Hot Springs	Garland	600	37	70.4	+0.6	94	30	44	8	40	2.97	−2.68	0.74	0.0	8	20	4	7	.....	G. C. Bolton
Index‡‡	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	3.04	.....	0.98	0.0	9	16	7	8	.....	H. G. Sanderson
Jonesboro	Craighead	345	33	69.1	−0.7	90	30	44	8	39	2.96	−1.27	2.00	0.0	6	21	1	9	sw	Benedictine Sisters
Junction	Union	182	34	70.6	−1.2	96	31	48	8	28	4.10	−0.46	2.00	0.0	3	23	3	5	n.	J. A. Bowderback
Lambrook	Phillips	155	5	69.8	.....	91	30	43	9	33	4.67	.....	3.00	0.0	5	16	0	15	n.	Mrs. D. C. White
Lead Hill	Boone	650	1	67.1	.....	95	30	36	8	49	4.50	.....	1.44	0.0	9	17	9	5	s.	J. H. Crosswhite
Little Rock	Pulaski	357	49	70.3	0.0	89	30	51	8	29	3.86	−1.21	2.23	0.0	8	15	8	8	s.	U. S. Weather Bureau
Lurton	Newton	2100	3	64.0[a]	.....	84[a]	30	45[a]	5	27[a]	3.69	.....	0.98	0.0	6	22	4	5	s.	J. C. Sutton
Lutherville‡‡	Johnson	775	30	69.1	−0.8	96	30	46	8	35	5.49	+0.42	1.51	0.0	9	15	5	7	se.	H. G. Lenhardt
Magnolia	Columbus	315	9	69.3[b]	.....	88[b]	3	45[b]	8	32[b]	5.93	.....	1.77	0.0	10	7[b]	11[b]	5[b]	s.	State Agri. School
Malvern	Hot Springs	277	41	70.8	+0.9	94	30	43	8	38	2.11	−2.49	0.80	0.0	9	22	4	5	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	690	23	66.8	+0.6	91	10	36	7	37	3.53	−0.49	1.40	0.0	9	18	8	5	nw.	W. C. Gregg
Marianna	Lee	235	16	70.0	−0.2	88	18	45	8	36	2.91	−2.04	0.73	0.0	10	20	9	2	s.	C. N. Houck
Marked Tree	Poinsett	229	23	68.6	−0.7	90	31	41	13	39	3.54	−1.15	1.56	0.0	8	12	15	4	n	Charles Walton
Marshall	Searcy	1070	14	66.8	−0.4	91	30	38	8	11	4.71	−1.41	1.60	0.0	9	20	4	7	s.	A. J. Parks
Mena	Polk	1185	40	69.6	+0.7	93	31	46	8	37	9.92	−1.55	2.76	0.0	11	19	12	9	sw.	E. W. St. John
Morrilton	Conway	347	7	70.1	.....	92	30	47	8	34	2.57	.....	0.65	0.0	8	14	8	9	se.	John Cook
Mountain Home	Baxter	800	14	67.6	+1.7	91	10†	34	8	46	7.35	+1.89	3.10	0.0	9	15	3	13	w	B. S. Halbert
Mount Ida	Montgomery	650	25	68.6	+0.3	92	27	39	8	43	1.91	−3.91	0.60	0.0	6	19	5	7	se.	G. A. Whittington
Nashville	Howard	350	1	70.5	.....	95	31	46	6	37	2.76	.....	1.36	0.0	6	24	6	1	s.	J. H. Skillern
Newport	Jackson	231	44	71.2	+1.2	92	25†	45	8	40	2.21	−2.03	0.81	0.0	8	19	6	6	s.	A. C. Wilkerson
Osceola	Mississippi	240	30	70.0	+0.4	90	18†	44	8	32	2.89	−1.89	0.90	0.0	5	18	4	9	s.	June Thomason
Ozark	Franklin	396	32	70.1	−0.3	90	9†	45	7	38	2.86	−2.68	0.74	0.0	8	26	2	3	se	Isham Burrow
Paragould	Greene	301	2	.....	.....	.....	.....	.....	.....	.....	3.52	.....	2.10	0.0	6	15	11	5	s.	W. R. Heagler
Patterson	Woodruff	195	12	.....	.....	.....	.....	.....	.....	.....	2.69	−1.98	0.81	0.0	8	18	6	7	s	W. E. Baker
Piggott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	3.47	.....	1.02	0.0	8	17	6	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	73.0	+1.0	95	30	47	8	41	2.03	−2.55	0.45	0.0	10	19	2	10	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	35	69.1	+0.5	90	30	42	8	41	4.96	+0.47	1.43	0.0	7	14	8	9	n.	Benedictine Sisters
Portland	Ashley	122	22	72.1	+0.8	98	10	45	8†	44	2.85	−3.49	1.37	0.0	5	15	11	5	sw.	W. E. Edmiston
Prescott	Nevada	329	40	73.9	+3.7	97	31	46	8	37	2.58	−2.42	1.12	0.0	7	18	4	9	n.	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	3.02	−2.17	1.30	0.0	6	19	6	12	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	71.0	0.0	95	27	41	8	38	1.81	−1.81	0.80	0.0	5	18	7	6	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	66.1	0.0	87	10†	40	7	39	5.99	+0.81	1.52	0.0	9	17	7	7	s.	Carl A. Starck
Searcy	White	236	19	69.1	+0.4	88	5†	43	8	38	2.30	−2.55	0.66	0.0	9	20	0	11	s.	J. T. Bell
Springbank ††	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	2.70	−1.54	0.60	0.0	9	17	1	13	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	2.99	.....	1.38	0.0	7	18	7	6	n.	S. C. Story
Stuttgart	Arkansas	228	41	69.4	−0.5	89	11†	40	8	39	5.64	+0.95	1.85	0.0	9	18	10	3	n.	Adam F. Buerkle
Subiaco	Logan	1050	31	70.8	+0.8	93	30	49	8	37	4.23	−1.35	1.45	0.0	7	15	4	12	s.	New Subiaco Abbey
Texarkana	Miller	332	42	73.6	+2.0	97	27†	47	6†	37	4.41	+0.31	2.20	0.0	6	12	5	14	s.	H. S. Brashear
Thornburg	Perry	650	4	66.4	.....	89	10	34	8	44	4.24	.....	1.96	0.0	8	17	10	4	s.	Edward E. Holmes
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	5.37	.....	1.53	0.0	7	9	9	13	nw.	Dr. Cheves Bevill
Warren	Bradley	206	34	75.2	+4.2	95	12†	50	8	40	1.74	−2.85	0.90	0.0	3	17	12	2	s.	W. L. Shide
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	2.20	.....	0.69	0.0	7	17	7	7	w.	J. R. Huddleston.
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	2.28	−2.62	0.86	0.0	4	13	9	9	sw.	Nannie O. Schirmer
Wynne	Cross	250	20	69.3	−1.1	89	11†	39	8	41	4.16	−0.30	1.45	0.0	7	14	7	10	s.	E. O. Allen
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	3.38	.....	0.90	0.0	11	10	10	11	.....	W. E. Barton
State Means and Extremes				69.5	+0.5	98	10	34	8	49	3.60	−1.42	3.10	0.0	8	17	7	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports are used in section means. T. Less than 0.01 inch rain or melted snow. ††Received too late for use in means and summaries. Reference letters '.','.', indicate number of days missing. †Also on other dates. ‡‡P.O. addresses as follows:-Index, Route A., Texarkana; Dam No. 1, Judsonia; Junction, R.F.D. 3, Junction City: Lutherville, R.F.D. No 1, Lamar; Springbank, Doddridge, Ark.

Daily River Stages for May, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.6	13.4	12.2	11.8	11.4	10.6	10.0	9.5	8.9	8.3	7.9	7.8	7.5	7.3	7.2	7.2	7.5	8.4	12.9	17.4	19.2	17.2	14.3	12.2	11.2	10.6	9.7	8.7	8.1	7.7	7.2
Ozark	do	22	13.2	11.0	9.5	8.2	8.4	7.7	7.2	6.9	6.6	6.0	4.8	4.2	4.2	4.1	4.0	4.7	4.7	5.2	8.0	13.1	15.0	14.4	12.2	10.6	9.3	7.6	7.0	6.1	5.5	4.3	3.5
Dardanelle	do	20	14.8	13.9	11.5	10.7	10.2	9.7	9.1	8.6	8.0	7.6	7.0	6.7	6.4	6.1	5.9	7.0	6.5	6.0	7.1	9.6	15.8	17.0	15.0	12.8	11.4	9.5	8.6	8.0	7.5	6.9	6.4
Morrilton	do	20	15.0	13.0	11.5	10.6	9.5	9.0	8.0	7.0	6.5	6.0	5.5	5.0	4.0	3.8	3.6	3.5	4.0	4.2	4.5	8.9	14.0	16.0	15.0	13.0	10.5	8.5	7.0	6.5	6.0	5.4	5.0
Little Rock	do	25	15.9	14.5	12.6	11.0	9.9	9.4	8.9	8.1	7.4	6.9	6.3	5.8	5.1	4.9	3.6	3.4	4.9	5.4	5.5	5.7	11.1	14.9	15.5	14.0	12.0	10.0	8.7	7.9	7.1	6.3	5.5
Pine Bluff	do	25	21.1	20.1	18.6	17.1	16.1	15.2	14.7	14.1	13.6	13.0	12.4	12.0	11.4	10.9	10.6	10.4	10.2	10.8	11.1	11.2	12.5	17.5	19.5	19.2	17.8	16.3	15.7	14.6	13.0	12.1	11.5
Yancopin	do	29	36.6	36.6	36.7	36.7	36.6	36.5	36.3	36.1	35.8	35.5	35.1	34.5	34.0	33.3	32.6	31.8	30.9	29.7	28.7	27.6	26.4	26.7	28.1	28.7	28.5	27.7	26.7	25.6	24.8	24.0	23.4
Danville	Petit Jean	20	10.5	9.4	8.5	7.2	7.1	6.8	6.5	5.5	6.4	6.4	6.2	6.1	6.1	6.1	5.9	5.9	6.7	7.9	9.1	11.2	11.2	10.1	9.3	8.7	8.5	8.2	7.8	6.5	6.4	6.4	6.3

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
offer	White	.....	8.8	7.9	7.2	6.7	6.5	6 1	5.8	5.8	5.6	5.3	4.9	4.8	4.6	4.1	3.7	5.3	4.4	4.5	4.7	5.5	5.9	8.8	11.5	11.6	10.7	8.4	7.1	6.2	5.6	5.2	4.9
alico Rock	do	18	9.2	8.2	7.4	6 8	6.4	6.1	5.7	5.4	5.3	5.0	4.7	4.5	4.2	4.0	3.3	3.2	4.6	4.5	4.2	6.4	6.8	11.9	11.8	11.5	10.3	8.6	6 9	5.9	5.3	4.8	4.4
atesville	do	23	16.4	15.3	14.3	13.4	12.8	12.4	11.9	11.5	11.3	11.0	10.6	10.3	10.0	9.5	9.2	8.7	10.2	9.9	10.0	10.8	12.8	14.0	19.8	18.7	17.8	16.4	14.0	12.5	11.5	10.8	10.3
ewport	do	26	25.5	24.7	23.8	22.9	22.1	21.3	20 5	19.7	18.8	18.0	17.1	15.6	13.7	12.4	11.4	10.7	9.8	10.0	9.8	9.7	11.0	12.5	17.4	20.1	20.9	20.9	20.1	18.4	16.0	14.0	12.6
eorgetown	do	22	27.2	26.4	25.7	24.9	24.3	23.7	22.9	22.5	22.0	21.6	21.0	20.7	20.4	20.0	19.6	19.1	18.4	17.6	16.6	15.9	15.3	15.3	16.0	17.1	17.9	18.4	18.7	19.1	19.3	19.4	19.1
e Valls Bluff	do	24	27.9	27.8	27.5	27.1	26.7	26.2	25.8	25.2	24.7	24.2	23.8	23.3	23.0	22.7	22 3	22.1	21.8	21.5	21.2	20.8	20.4	20.1	19.9	19.9	20.1	20.3	20.5	20.6	20.9	21.0	21.1
arendon	do	30	31.2	31.4	31.5	31.3	31.1	30.8	30.4	30.0	29.7	29.3	28.9	28.5	28.1	27.7	27.4	27.1	26.7	26 3	26.0	25.6	25.1	24.7	24.3	23.9	23.5	23.4	23 3	23.3	23.4	23.6	23.8
ilbert	Buffalo	11	5.9	5.7	5 5	5.4	5 5	5.5	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.7	5.6	5.2	5.3	8 1	6.8	6.0	5.8	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
orning	Black	..	12.7	12.4	12.2	11.9	11.7	11.4	11.0	10.8	10 5	10.1	9.9	9.6	9.4	9.2	9.0	8.9	8.9	8.8	8.9	9.1	9.0	9.2	9.8	10.4	10.4	11·2	9.8	9.4	9.0	8.7	8.6
lack Rock	do	14	20. 4	19.8	18 8	18.6	17.8	17.2	16 6	15.6	14.5	13.3	12.1	10.9	9 7	9.1	8.4	8.0	7.8	7.5	7.5	7.8	7.5	11.2	14.3	13.6	12.2	10.6	9.4	8.2	8.0	7.5	7.1
am No. 1	Little Red	..	9.0	8.4	7.9	7.4	6.9	6.5	6.1	5.7	5.1	4.6	4.0	3·3	2.6	2.0	1.7	1.5	1.4	1.3	1.6	1.8	3.4	4.8	6.0	5.3	4.0	3.3	2.5	2.2	2.0	1.8	1.7
atterson	Cache	9	9.3	9.2	9.2	8.9	8.8	8.4	7.9	7.5	7.1	6.9	6.7	6.5	6.3	6.2	6.1	6.0	5.8	5·7	5.6	5.6	5.5	5.4	5.3	5.2	5.5	5·7	6.0	6.4	6.6	7.4	8.0
rkadelphia	Ouachita	18	3 5	3.5	2.4	2.0	2.5	2.6	2.5	2.6	2.0	2.0	0.9	1·3	0.8	1.2	2.0	1.5	1.0	1·5	2.0	2.5	2.4	3.2	3.3	2.9	2.0	1.4	1.3	1.0	0.8	0.6	0.6
amden	do	30	25. 1	22.3	19 7	17. 4	15.0	13.1	11. 4	10.3	9.2	8.6	7.7	7.0	6.2	6.1	6.1	7.0	7.8	7.7	7.2	7.0	7.0	8.0	9.5	10.0	9.7	8.3	7.0	6.8	6.2	6.2	6.0
ulton	Red	28	23. 1	21.6	20.3	19.0	17 3	15.2	14.2	14.3	14.9	14.3	13.2	12.4	11.7	11.1	11.0	10.9	14 4	17.6	18.4	20.4	23.0	24.4	25.4	25.9	24.9	23.2	21.2	19.8	17.8	15.9	14.4
pringbank	do	37	25. 8	24. 1	23. 1	21. 4	20 0	18.0	16.0	15 0	15.3	15.7	15.4	15·2	14.2	13.7	13.7	13.6	13.6	15.6	18.6	19.6	23.2	25.5	26.3	26.8	26.6	25.4	23.9	21.0	19.7	18.2	17.0
hitecliffs	Little	28	18 4	18.0	15.9	15 4	12 0	10.2	9.7	7 8	7.0	6 3	5.4	4.5	4.0	3.8	3.8	4.4	13.3	18.9	15.6	14.3	16.7	18.8	18.6	17·6	16.8	16.0	15.2	13.4	10.5	7.4	5.0
arked Tree	St. Francis	17	13·9	13.9	13.9	13.9	14.0	14.0	14.0	13.8	13.6	13.5	13.3	13.0	12.6	12.3	11.9	11.5	11.0	10.5	10.0	9.5	9.0	8.8	9.0	8 8	8.4	8.0	7.8	7.5	7.3	7.1	7.0
el na	Mississippi	44	40. 3	41. 7	41. 9	42. 2	42. 2	42. 1	41. 8	41. 4	40. 9	40. 1	39. 5	38. 6	37. 6	36. 4	34. 7	32. 9	30. 9	28. 8	26. 9	25. 1	23. 5	22. 5	22. 1	22. 4	23. 5	24. 6	25. 7	26. 2	26. 6	26. 9	27. 2
rkansas City	do	48	47 8	48. 2	48. 5	48. 8	49. 0	49 2	49. 2	49. 1	48. 8	48. 5	48. 2	47. 9	47. 2	46. 5	45. 8	44. 8	43. 6	42 1	40. 5	38. 8	37. 0	35. 0	33. 7	33. 2	33. 0	33. 0	33. 0	33. 2	33. 2	33. 0	32. 9

Daily Precipitation for May, 1928

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
unty	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.22	.19	....	....	.23	....	.35	....	....	....	....	....	....	....	....	....	....	....	0.99
rkadelphia	Ouachita	....	....	....	....	.13	....	....	....	....	....	....	....	....	....	.87	.12	....	....	....	.48	....	.20	....	....	....	....	....	.22	.12	....	....	....	2.14
rkansas City	Mississippi	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	....	.43	.12	....	....	....	....	.12	....	.45	....	1.97
arlburg	White	....	....	....	.27	....	....	....	....	....	....	....	....	....	....	.32	.15	....	.34	.82	....	....	1.10	....	....	....	....	....	....	....	....	....	.76	3.76
atesville	White	.20	....	....	....	.22	....	....	....	....	....	T.	....	....	....	.03	.56	....	.12	.44	.32	....	1.32	.44	....	....	....	....	....	....	....	....	....	3.65
ee Branch	Arkansas	....	....	.15	....	....	....	....	....	....	....	....	T.	.15	.40	....	.48	1.95	....	1.75	1.07	....	....	....	....	....	....	10	.08	....	T.	6.13
entonville	Arkansas	....	T.	.23	....	....	....	....	....	....	....	.60	....	.16	1.33	.02	1.34	.67	.69	....	.49	.47	....	....	....	....	T.	T.	....	....	.62	6.62
lack Rock	White	.12	....	....	.27	....	....	....	....	....	....	....	....	....	T.	.56	....	....	.52	18	....	1.84	.28	....	....	T.	....	....	....	....	....	....	....	3.77
lytheville	Mississippi	....	....	.15	....	....	....	....	....	....	....	....	....	.02	....	....	.03	....	.23	....	.88	.14	....	....	....	....	....	....	....	....	.43	.02	2.20
oonerville	Arkansas	....	....	.99	....	....	....	....	....	....	....	....	....	.15	1.18	....	....	.92	.22	....	....	.02	....	....	....	....	....	....	....	.19	....	....	3.67
rickey	White	.32	....	....	....	T.	....	....	....	....	....	....	....	....	.35	T.	....	....	1.23	.22	....	1.25	.56	....	....	....	....	....	....	.91	....	....	4.84
alico Rock	White	.31	....	....	....	.11	....	....	....	....	....	T.	T.	....	.08	.44	....	.06	1.58	.54	....	1.59	.29	....	....	....	....	....	....	T.	....	....	....	5.03
arden	Ouachita	....	....	....	....	.15	....	....	....	....	....	....	....	....	.29	.15	....	....	.06	.18	....	.13	.34	....	....	....	....	....	....	.73	....	....	....	2.03
enter Point	Red	....	....	.35	....	....	....	....	....	....	....	....	....	.61	.09	.85	....	....	.49	.10	.26	....	....	....	....	....	....	....	....	.33	....	....	....	3.08
arendon	White	.09	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	1.02	.48	....	1.06	.32	....	....	....	.14	....	....	.35	.02	....	....	3.98
linton	White	....	....	....	.05	....	....	....	....	....	....	....	....	....	.34	.10	....	32	1.42	.09	.38	.76	....	....	....	....	....	....	....	.29	....	.70	4.45
onway	Arkansas	....	....	....	.31	....	....	....	....	....	....	....	....	.09	.36	....	....	.33	.53	....	....	.61	....	....	....	.15	....	....	....	.58	....	....	....	2.96
ornigg	White	.24	....	....	.37	....	....	....	....	....	....	....	....	....	.21	.51	....	....	....	.83	....	1.11	1.37	.58	....	....	....	....	....	....	....	....	.52	5.74
otter	White	.15	....	....	T.	.35	....	....	....	....	....	....	T.	....	T	.98	.10	.65	....	.35	..	1.15	....	....	....	....	....	....	....	T.	....	....	....	3.73
am No. 1	White	....	....	....	....	....	....	....	....	....	....	....	....	.27	.20	....	....	.35	.99	....	....	.46	....	....	....	....	....	....	....	....	....	....	....	2.27
arda	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.89	....	.80	....	.95	....	....	....	....	....	....	....	.90	....	....	....	....	....	3.54
ardanelle	Arkansas	....	....	....	.12	....	....	....	....	....	....	....	....	....	.16	1.00	....	.55	.14	....	....	.56	....	....	....	....	T.	....	.20	....	....	....	2.73
e Valls Bluff	White	T.	....	....	....	....	....	....	....	....	....	....	....	....	.75	T.	....	....	1.18	.25	....	1.58	.07	....	....	.37	....	....	.55	....	....	....	4.75
ams	Mississipp	.16	....	....	.08	....	....	....	....	....	....	....	....	1.16	....	....	....	....	.34	....	.10	.50	....	....	....	.05	.15	....	.89	....	.05	3.48
utton	White	....	....	....	.81	....	....	....	....	....	....	....	....	.05	.47	.16	.51	.28	1.19	....	....	.07	....	....	....	....	T.	T.	....	....	.59	4.13
l Dorado	Ouachita	....	....	....	....	.11	....	....	....	....	....	....	....	....	.43	....	....	....	.05	1.20	....	1.13	.03	....	....	....	....	....	....	.09	....	....	....	3.04
ngland	Arkansas	....	....	T.	....	....	....	....	....	....	.39	....	.22	T.	.01	....	....	1.92	....	.90	.21	.15	....	....	....	....	....	....	....	.76	....	....	....	4.56
ureka Springs	White	....	....	.50	....	....	....	....	....	....	....	.10	....	.05	.20	.52	.95	.02	.50	....	.32	1.51	....	....	....	....	....	....	....	....	....	1.50	6.17
ort Smith	Arkansas	....	....	.09	1.14	....	....	....	....	....	....	T.	....	....	1.22	.78	....	.44	.51	1.14	....	....	.09	....	....	....	....	.02	....	....	....	....	5.43
reeman Sprgs	Red	T.	....	.36	.20	....	....	....	....	....	....	....	....	....	....	.20	.53	.06	.27	.98	.30	.49	.17	T.	....	....	....	....	.04	T.	....	....	....	3.60
ulton	Red	....	....	T.	.35	....	....	....	....	....	....	....	....	....	....	.56	1.02	....	....	.04	.05	....	....	T.	....	....	....	....	....	.11	....	....	....	2.13
orgetown	White	.39	....	....	.04	....	....	....	....	....	....	....	....	....	.28	....	....	....	.14	....	....	.66	....	....	....	....	....	....	....	.88	....	....	....	2.30
ilbert	White	.06	....	....	.30	....	....	....	....	....	....	T.	T.	....	T.	.84	.12	.26	1.05	.13	.33	.16	....	....	....	....	....	....	....	T.	....	....	....	3.25
ramis	Red	....	....	1.00	....	....	....	....	....	T.	....	....	....	1.50	.60	.21	....	....	.20	....	....	T.	....	....	....	....	....	T.	T.	....	....	....	....	3.51
ravette	Arkansas	....	....	T.	....	....	....	....	....	....	....	T.	....	.45	.20	.75	1.24	T.	.59	....	.02	.82	....	....	....	....	....	.02	....	....	.15	....	4.24
arrison	White	....	....	.20	....	....	....	....	....	....	T.	....	....	....	T.	.24	.17	.11	1.68	....	.08	.41	....	....	....	....	....	....	....	....	....	1.38	4.27
elena	Mississippi	.24	....	....	.24	....	....	....	....	....	....	T.	....	....	.59	....	....	....	.06	1.68	....	.80	1.04	....	....	T	....	....	.70	.16	....	....	5.42
ilgden	White	....	....	.06	....	....	....	....	....	....	T.	....	T.	.37	.10	....	.28	1.15	....	.38	.89	....	....	....	....	....	....	....	.21	....	.22	....	3.66
ope	Red	....	....	.19	....	....	....	....	....	....	....	....	.52	.13	.48	....	....	.05	....	.30	T.	....	....	....	....	....	....	....	.82	....	....	....	2.49
ot Springs	Ouachita	....	....	.25	....	....	....	....	....	....	....	....	.42	....	.20	....	....	.74	.25	.50	....	....	....	....	....	....	....	....	.31	....	.30	2.97
ulex	Red	....	....	.03	.48	....	....	....	....	....	....	....	.05	.71	.98	....	....	.11	.16	....	.26	....	....	....	....	....	....	....	.26	....	....	....	3.04
onesboro	White	.04	....	....	.24	....	....	....	....	....	....	....	....	....	T.	....	....	.30	.07	....	....	2.00	.31	....	....	....	....	....	....	....	....	....	....	2.96
unction	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.38	....	....	....	....	....	1.72	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	4.10
ambrook	White	....	....	....	.14	....	....	....	....	....	....	....	....	....	.95	....	....	....	....	3.00	....	....	.28	....	....	.30	....	....	....	....	....	....	....	4.67
ead Hill	White	....	....	.37	....	....	....	....	....	....	....	T.	....	T.	57	15	.56	.07	.52	....	.13	69	....	....	....	....	....	....	....	....	....	1.44	4.50
Little Rock	Arkansas	....	....	.09	....	....	....	....	....	....	....	....	.01	.03	T.	....	T.	2.23	....	.39	.01	....	....	T.	....	T.	.09	1.01	....	....	.53	3.86
urton	White	....	....	.80	....	....	....	....	....	....	....	....	....	....	.98	....	....	.55	.50	T.	....	.33	....	....	....	....	....	....	....	....	....	....	....	3.69
utherville	Arkansas	....	....	.89	....	....	....	....	....	....	T.	....	....	.03	1.31	.87	....	.34	1.54	....	.42	.03	....	....	....	....	T.	T.	T.	....	.06	5.49
agnolia	Red	....	....	.10	....	....	....	....	....	....	....	....	....	1.77	.03	.40	....	....	.83	.36	.91	.04	.10	....	....	....	....	....	....	1.39	....	....	....	5.98
alvern	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	.15	....	....	.80	.14	.13	.17	.13	....	....	....	....	....	.24	.07	....	....	....	2.11
ammoth Spg.	White	....	....	.13	....	....	....	....	....	....	....	....	.02	.11	T.	.08	1.18	.39	....	1.40	.05	....	....	....	....	....	....	....	....	....	....	.45	3.81
arianna	Mississippi	.08	....	....	.29	....	....	....	....	....	....	....	.03	.11	....	....	....	.73	....	.58	.04	.30	....	....	.32	....	....	.43	....	....	....	2.91
arked Tree	Mississippi	.89	....	....	.60	....	....	....	....	....	....	....	....	....	.20	....	....	.05	.31	....	1.56	.33	....	....	T.	....	....	....	.10	T.	....	....	3.54
arshall	White	....	....	.25	....	....	....	....	....	....	....	T.	....	....	.60	.26	.18	.21	1.05	....	.16	.40	....	....	....	....	....	....	....	....	....	1.60	4.71
ena	Ouachita	....	....	.49	.27	....	....	....	....	....	....	....	.04	2.76	.08	.01	.51	.35	.31	T.	.04	T.	....	....	....	....	....	....	.66	..	....	....	4.92
orrillton	Arkansas	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	.37	....	.40	.65	.25	....	.25	.15	....	....	....	....	....	....	.40	....	....	....	2.57
ountain Home	White	....	....	....	....	....	....	....	....	....	....	....	.10	.75	.20	.25	10	1.00	....	3.10	1.32	..	....	....	....	....	....	....	....	....	.53	7.35
ount Ida	Ouachita	....	....	.50	....	....	....	....	....	....	....	....	.16	.38	.11	....	....	.60	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.91
ewport	White	.52	....	....	.25	....	....	....	....	....	....	....	....	....	.01	.04	....	....	.12	.38	....	.81	.11	....	....	....	....	....	....	....	....	....	....	2.24
sceola	Mississippi	....	....	.81	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.23	....	.90	.90	....	....	....	....	....	....	....	....	.05	....	....	2.89
zark	Arkansas	....	....	.37	.07	....	....	....	....	....	....	T.	....	....	.52	.10	.03	.43	.74	.60	....	....	....	....	....	....	....	....	....	T.	T.	....	....	2.86
aragould	Mississippi	....	....	15	....	.49	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	2.10	.34	....	....	....	.09	....	....	....	....	....	....	....	3.52
atterson	White	.34	....	....	.33	....	....	....	....	....	....	....	....	....	.84	.05	....	....	.29	.12	....	.45	....	....	....	....	....	....	.27	....	....	....	....	2.69
iggott	Mississippi	....	....	....	.26	....	....	....	....	....	....	....	....	....	.04	....	.55	.11	.29	....	.46	1.02	....	....	....	....	....	....	....	....	....	.74	3.47
ine Bluff	Arkansas	T.	....	....	.24	....	....	....	....	....	....	....	....	....	.38	T.	....	....	.25	.06	....	.12	.07	..	....	.02	....	.38	.45	.06	....	....	2.03
ocahontas	White	....	....	.57	....	....	....	....	....	....	....	....	....	....	.21	....	....	.45	1.10	....	1.10	1.43	....	....	....	....	....	....	....	....	....	.10	4.96
ortland	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	1.11	....	....	....	....	1.37	....	.20	.14	....	....	....	....	....	....	....	.03	....	....	2.85
rescott	Ouachita	....	....	.12	....	....	....	....	....	....	....	....	1.12	.66	....	....	.02	.40	....	.12	....	....	....	....	....	....	.14	T	....	....	....	....	....	2.58
rinceton	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.46	.20	....	....	....	....	....	....	.16	....	....	....	....	....	.80	1.30	.10	....	....	....	3.02
ison	Ouachita	....	....	....	.15	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	.11	....	....	....	....	.80	.40	....	....	....	....	....	1.81
ogers	White	....	....	.52	....	....	....	....	....	....	....	T	.02	.28	.58	.88	....	1.52	....	.04	1.08	....	....	....	....	....	....	....	....	....	....	1.07	5.99
earcy	White	.24	....	....	.66	....	....	....	....	....	....	....	....	.22	.06	....	....	.25	.28	....	.34	....	....	....	....	.05	.20	....	....	....	....	....	....	2.80
pringbank	Red	....	....	.06	.11	....	....	....	....	....	....	....	.60	.55	.52	....	....	.34	.06	T.	.10	....	....	....	....	....	....	.36	T.	....	....	....	....	2.70
tone	Ouachita	....	....	.25	....	....	....	....	....	....	....	....	.30	.41	....	....	....	.10	1.38	.15	....	....	....	....	....	....	.40	....	....	....	....	....	....	2.99
uttgart	Arkansas	....	....	.04	....	....	....	....	....	....	....	....	.66	....	....	....	1.85	.80	....	1.27	.22	....	....	.04	....	.71	.05	....	....	....	....	....	....	5.64
ubiaco	Arkansas	....	....	.80	....	....	....	....	....	....	....	....	.04	1.45	.04	....	56	1.26	....	.08	T.	....	....	....	....	T.	....	T.	....	....	....	....	....	4.23
exarkana	Red	....	....	T.	.26	....	....	....	....	....	....	....	.24	.96	2.20	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	4.41
hornburg	Arkansas	....	....	.53	....	....	....	....	....	....	....	....	.20	.78	....	....	T.	1.96	.02	.27	.25	....	....	....	....	....	....	....	.23	....	....	....	4.24
aldron	Arkansas	....	....	.72	....	....	....	....	....	....	....	....	.79	1.53	....	.04	....	1.03	.69	..	T.	....	....	....	T.	....	....	T.	.57	....	....	....	5.37
arren	Ouachita	....	....	.10	....	....	....	....	....	....	....	....	....	.90	....	....	....	....	T.	....	T.	T.	....	....	T.	....	....	T.	T.	....	.74	1.74
aters	Ouachita	....	....	.61	....	....	....	....	....	....	....	....	.39	.69	.14	.11	.05	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.20
hitecliffs	Red	....	....	T.	.85	....	....	....	....	....	....	....	T.	.86	.55	....	....	....	....	....	....	....	....	....	....	....	....	....	.52	....	....	....	....	2.28
yanne	Mississippi	.5	....	....	....	.06	....	....	....	....	....	T.	....	....	T.	....	....	....	....	.52	....	1.45	1.08	....	....	.23	....	....	.31	....	....	....	....	4.16
azoopin	Arkansas	.08	....	....	.40	....	....	....	....	....	....	....	....	.90	....	....	....	.04	.05	....	.68	.23	....	....	.61	....	.20	.09	.10	....	....	....	....	3.38

Precipitation for 24 hours ending near sunset unless otherwise indicated. *** For 24 hours ending midnight. || For 24 hours ending 7 a.m. T. Trace, or less than 0.01 inc .
* Precipitation indicated in the next following measurement.

Daily Temperatures for May, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	87	84	85	75	80	81	84	86	86	85	78	78	78	71	78	90	94	91	86	81	78	76	84	84	91	88	92	90	88	91	92	84.3
	Minimum	56	59	58	52	44	44	44	48	60	64	62	52	50	60	60	70	63	68	63	58	63	54	61	57	53	55	58	60	56	62	63	57.3
Batesville§§	Maximum	83	84	83	74	75	79	75	76	82	86	79	72	72	73	72	83	85	85	75	85	76	75	85	81	87	84	83	81	79	88	83	80.0
	Minimum	42	48	50	55	54	44	41	38	40	50	58	54	42	51	57	64	64	64	65	58	58	57	58	51	52	51	58	48	57	55	63	53.1
Bentonville	Maximum	83	84	80	67	71	75	75	79	84	86	73	71	75	67	73	79	79	76	76	81	66	74	81	79	82	81	76	78	81	88	76	77.3
	Minimum	46	60	65	50	43	45	45	47	55	63	62	53	50	59	60	60	57	59	58	60	52	52	53	53	58	52	56	51	58	58	64	55.0
Bee Branch	Maximum	82	84	84	81	75	78	77	80	84	87	85	85	75	74	70	82	85	84	82	81	81	76	84	83	86	84	86	85	80	90	89	81.9
	Minimum	46	53	52	62	50	45	46	40	44	56	63	58	50	61	60	63	64	62	62	57	60	54	61	54	54	53	60	54	58	56	62	55.5
Blytheville	Maximum	81	85	85	80	77	75	70	73	85	89	84	72	73	75	78	81	85	88	84	83	82	72	81	78	86	80	81	77	76	88	86	80.3
	Minimum	49	57	58	63	55	50	52	44	45	56	63	54	46	62	62	65	66	68	71	66	64	61	62	56	63	55	64	53	61	59	65	58.5
Booneville	Maximum	85	86	84	76	75	80	79	81	87	88	85	76	78	73	80	88	83	84	80	84	77	80	86	83	87	96	86	86	69	93	86	83.3
	Minimum	48	58	63	58	48	48	45	50	54	58	62	63	54	59	60	66	64	62	66	62	60	54	55	57	54	55	58	61	61	62	67	57.8
Brinkley	Maximum	81	85	84	79	73	77	75	75	82	87	89	74	77	75	77	83	87	88	82	84	81	72	83	80	87	83	86	82	78	88	87	81.3
	Minimum	48	55	55	62	56	48	47	39	41	53	62	57	47	61	61	64	63	66	65	62	61	58	61	57	54	54	63	59	58	56	61	56.6
Calico Rock§§	Maximum	69	85	86	79	75	79	76	83	87	92	77	72	77	74	73	76	86	86	78	86	79	78	84	82	88	86	84	80	84	94	73	80.9
	Minimum	43	44	46	58	49	45	41	38	40	52	57	55	41	51	55	66	64	65	64	58	58	55	54	51	54	51	55	47	55	56	59	52.5
Camden§§	Maximum	85	86	85	72	74	80	78	79	85	85	86	78	80	71	80	85	87	86	84	80	76	71	84	81	87	86	92	85	87	91	94	82.6
	Minimum	59	60	58	67	51	44	44	44	46	55	62	63	52	54	60	65	63	66	70	60	62	54	55	59	51	59	57	64	65	64	64	58.0
Center Point	Maximum	85	84	82	75	74	79	80	81	87	85	84	76	77	74	81	85	83	86	86	84	77	76	84	83	89	87	93	85	90	92	95	83.2
	Minimum	58	63	62	63	48	51	55	53	59	60	65	62	54	58	61	63	66	68	65	60	63	52	59	62	58	61	61	63	64	66	72	60.5
Conway	Maximum	85	86	86	76	75	80	77	78	84	86	88	75	76	74	75	84	88	84	74	84	80	77	85	81	87	86	86	83	83	90	82	81.8
	Minimum	48	57	56	62	54	48	47	43	47	59	65	60	53	60	61	66	66	65	65	62	64	55	63	59	57	56	60	62	59	61	64	58.2
Corning	Maximum	83	86	85	74	74	79	76	76	83	89	86	82	76	75	73	78	83	83	84	84	80	76	83	83	84	79	80	76	78	89	79	80.5
	Minimum	46	51	54	65	54	47	47	37	42	43	62	54	42	55	63	57	65	67	63	63	60	60	58	56	54	52	60	54	48	65	59	54.9
Dardanelle	Maximum	82	88	86	81	72	79	77	78	87	90	87	74	75	74	76	87	88	85	83	85	82	77	85	82	92	89	87	82	82	92	88	83.0
	Minimum	51	58	60	67	51	49	51	49	51	59	65	63	54	53	64	64	66	63	67	62	65	55	63	60	57	58	62	63	61	63	68	59.4
Dumas	Maximum	82	87	85	78	69	67	73	76	83	85	86	72	78	76	78	81	87	88	82	85	78	70	80	78	85	80	88	83	82	88	92	80.7
	Minimum	58	56	57	57	54	46	47	41	43	54	61	61	50	62	60	60	62	64	68	61	64	55	59	57	54	58	60	63	61	61	61	57.3
Dutton	Maximum	82	84	80	73	69	74	74	76	89	86	79	74	75	69	72	79	79	76	72	80	68	74	80	79	84	81	79	80	83	85	79	77.9
	Minimum	38	51	55	50	45	39	35	38	43	52	55	55	43	53	57	59	56	57	56	55	56	49	46	44	44	44	52	46	52	50	58	49.3
El Dorado	Maximum	80	87	86	79	72	79	77	79	87	86	83	79	80	75	80	86	86	88	84	78	79	71	85	82	86	86	92	89	89	94	96	83.3
	Minimum	60	63	60	65	52	49	50	48	50	63	64	63	54	62	61	65	65	68	70	63	68	54	61	61	56	61	62	68	67	67	70	61.1
England	Maximum	83	85	86	77	73	79	76	78	85	87	89	..	77	74	72	84	88	88	82	85	78	72	83	80	88	84	87	85	81	89	88	82.1
	Minimum	50	57	60	62	55	48	50	41	45	58	65	..	50	62	66	65	62	67	65	61	61	58	58	59	55	56	62	63	61	61	62	58.0
Eureka Springs	Maximum	86	85	82	75	72	77	77	81	87	87	79	74	77	72	74	81	79	77	76	82	72	75	83	82	83	81	79	79	83	88	85	79.7
	Minimum	50	61	64	50	45	51	46	45	56	63	61	52	49	56	60	61	58	64	59	60	51	50	55	52	61	57	61	50	55	62	62	55.7
Fort Smith	Maximum	83	87	83	67	74	78	78	79	89	89	83	73	77	72	80	84	84	84	70	83	71	77	84	82	86	84	82	82	87	93	87	81.0
	Minimum	52	62	66	63	52	53	53	54	58	64	67	63	56	58	60	66	64	63	63	63	55	54	61	62	59	60	62	63	63	65	70	60.1
Grannis	Maximum	84	87	78	73	74	80	81	77	84	82	79	76	75	73	78	82	79	82	83	85	76	78	84	82	87	84	91	80	86	89	92	81.3
	Minimum	57	55	56	56	44	42	44	42	48	51	58	61	53	56	60	62	60	64	63	55	58	50	55	56	50	51	52	60	60	61	60	54.8
Gravette	Maximum	83	83	80	74	71	76	76	80	84	86	78	73	77	73	75	78	76	75	79	81	73	80	81	81	82	82	79	78	82	88	84	79.0
	Minimum	45	60	64	50	42	44	42	47	56	65	62	54	52	59	58	59	51	60	59	57	51	50	50	51	52	51	60	51	59	56	64	54.2
Harrison	Maximum	93	90	87	79	70	78	80	83	..	95	[illegible]	77	75	73	80	90	85	87	80	88	75	76	84	..	85	89	..	.	..	98	74	82.6
	Minimum	42	52	59	55	45	41	46	38	..	44	62	53	43	53	60	61	59	60	59	57	52	51	54	.	50	50	..	..	..	.	..	51.9
Helena	Maximum	83	85	87	77	70	76	73	76	85	86	90	74	79	75	76	81	87	87	79	81	73	71	82	78	85	82	85	83	77	83	88	80.6
	Minimum	53	60	62	65	55	44	49	40	43	57	65	59	53	6	61	64	65	70	65	61	60	59	58	57	55	54	61	64	58	58	64	58.0
Hope	Maximum	94	96	88	75	77	83	82	83	90	89	88	77	81	78	85	88	89	87	86	87	80	78	85	83	90	89	94	85	91	94	97	86.1
	Minimum	65	55	65	50	48	50	49	50	55	65	54	50	45	48	50	53	65	68	68	60	63	52	60	59	53	60	59	60	66	66	68	57.1
Hot Springs	Maximum	82	86	86	79	75	81	79	84	85	88	89	79	78	69	79	84	87	87	84	88	76	82	85	84	90	86	91	90	88	93	90	81.1
	Minimum	61	49	59	59	50	46	45	44	46	48	63	53	52	62	59	62	62	66	65	57	65	55	56	56	54	55	61	63	66	62	64	56.7
Jonesboro	Maximum	82	87	86	77	75	77	76	73	84	89	78	70	77	75	77	81	88	86	80	86	81	73	72	82	86	83	84	76	76	90	82	80.1
	Minimum	50	52	55	62	55	51	50	44	45	52	64	55	48	60	63	64	64	67	68	63	62	58	60	55	57	62	63	63	59	58	62	57.8
Lambrook	Maximum	81	85	85	79	71	79	75	76	82	83	87	85	80	77	75	86	86	88	80	81	73	71	81	79	85	86	84	82	79	91	89	81.4
	Minimum	56	55	56	65	56	49	53	44	43	52	67	61	56	53	61	65	64	69	71	63	67	58	58	58	55	56	62	60	52	59	61	58.2
Lead Hill	Maximum	88	90	88	78	74	77	77	81	90	93	79	75	78	75	78	87	85	84	81	85	78	79	85	83	85	85	80	81	85	95	91	82.7
	Minimum	40	50	52	55	45	42	38	36	41	51	61	55	42	50	60	62	61	63	60	55	55	52	50	48	52	49	58	44	56	51	61	51.5
Little Rock	Maximum	82	85	84	73	71	76	74	77	84	84	85	73	75	73	75	82	86	86	76	83	73	73	82	80	88	85	87	83	[illegible]	89	83	80.2
	Minimum	55	61	62	58	55	53	54	51	55	63	66	60	53	61	61	65	66	68	64	60	60	56	63	63	60	62	62	64	60	63	69	60.4
Lurton	Maximum	80	80	81	67	66	71	70	74	76	83	75	70	72	68	69	78	..	79	69	78	67	69	76	72	81	79	75	75	79	84	70	74.4
	Minimum	53	59	59	49	45	53	49	47	56	60	61	53	47	50	57	60	..	57	58	59	52	50	56	54	58	53	57	54	54	69	61	54.7
Lutherville	Maximum	82	86	84	75	72	76	76	77	84	88	85	73	76	71	74	84	84	81	77	81	75	75	84	83	87	83	85	82	83	90	82	80.5
	Minimum	47	61	59	57	51	49	51	46	51	61	64	59	53	63	60	61	63	62	63	58	59	54	61	58	57	56	63	58	59	60	66	57.7
Magnolia	Maximum	..	..	88	80	72	78	77	80	86	86	84	80	79	73	80	85	86	85	84	80	77	75	83	80	80	..	..	..	..	..	..	80.8
	Minimum	..	..	61	52	56	46	51	45	55	61	63	63	54	64	61	64	66	68	67	62	62	56	61	62	55	..	..	..	..	..	..	58.9
Malvern	Maximum	87	87	86	78	76	81	79	77	83	87	82	79	81	72	78	86	88	89	85	84	79	89	86	84	90	89	92	88	89	94	91	84.4
	Minimum	56	57	58	63	50	45	45	43	45	55	61	62	52	61	60	65	64	66	67	59	63	54	62	52	52	55	57	61	61	62	62	57.3
Mammoth Spg	Maximum	84	88	87	75	72	76	74	75	85	91	75	70	75	72	72	81	82	82	80	83	77	76	82	78	84	83	79	78	77	90	82	79.5
	Minimum	50	54	60	[illegible]	45	47	36	40	49	58	56	48	48	59	64	61	63	62	59	57	57	58	58	53	53	50	58	46	58	56	61	54.1
Marianna	Maximum	79	84	84	80	74	76	76	75	82	85	85	75	78	78	75	80	86	88	84	82	83	71	81	79	87	83	85	86	80	85	83	80.9
	Minimum	52	57	60	65	57	56	57	45	46	55	63	60	53	53	62	65	67	69	58	63	62	59	61	58	58	59	61	63	60	59	65	59.0
Marked Tree§§	Maximum	84	85	80	70	77	71	75	84	89	82	71	80	75	77	81	88	88	78	85	82	71	81	78	88	85	81	84	79	73	88	90	80.7
	Minimum	50	55	61	56	50	51	43	45	52	53	58	58	41	66	61	64	65	68	68	62	56	60	57	57	53	54	55	55	56	58	62	56.5
Marshall	Maximum	84	84	82	78	72	76	74	79	80	83	86	78	75	74	73	85	82	83	82	82	81	75	81	78	85	83	80	82	82	91	86	80.5
	Minimum	43	60	64	60	46	44	39	38	41	42	48	50	46	52	60	62	61	63	62	55	57	53	51	50	51	61	49	57	56	56	63	53.0
Mena	Maximum	87	85	82	74	71	75	76	83	88	88	84	76	76	74	81	85	81	84	83	83	72	74	80	81	87	86	90	84	86	92	93	82.0
	Minimum	55	60	64	55	50	48	47	46	51	60	60	60	59	56	57	53	64	61	65	56	57	52	59	61	54	56	61	63	61	62	65	57.2
Morrilton§§	Maximum	83	86	85	70	75	79	79	81	85	86	89	75	78	75	75	84	86	83	74	85	76	78	85	84	88	86	88	82	82	92	82	81.8
	Minimum	51	56	58	65	54	50	49	47	51	57	66	61	52	57	61	64	67	64	65	63	64	56	57	60	60	59	63	63	60	62	65	58.9
Mountain Home	Maximum	85	87	86	72	72	76	76	81	89	91	79	74	80	74	75	85	83	82	78	84	74	77	83	85	84	84	81	78	83	91	78	80.9
	Minimum	43	54	55	54	47	58	47	39	43	54	61	54	47	55	58	62	60	63	61	59	57	52	54	55	56	51	62	47	56	57	63	54.3
Mount Ida	Maximum	86	86	81	76	73	78	77	82	84	84	84	74	72	71	78	82	84	84	84	82	78	79	85	82	89	85	92	83	85	89	91	81.6
	Minimum	57	54	65	56	48	46	59	39	44	55	59	60	44	52	61	64	61	65	65	55	59	56	55	52	48	51	53	58	60	62	60	55.5
Newport	Maximum	84	87	87	77	77	84	79	79	86	90	87	78	81	77	75	85	91	88	83	89	81	74	88	85	92	87	91	87	79	92	85	84.0
	Minimum	49	66	57	65	55	52	50	45	46	55	64	56	47	60	60	65	65	68	69	61	63	57	60	56	56	56	62	53	60	60	68	58.3
Osceola	Maximum	83	85	85	80	79	77	71	76	83	89	84	74	78	78	72	74	87	90	85	87	85	71	81	87	85	85	86	81	73	90	83	81.4
	Minimum	51	58	63	56	51	49	45	44	51	62	56	52	59	68	65	64	68	70	64	63	60	62	65	58	54	55	58	59	60	65	63	58.6
Ozark§§	Maximum	84	87	85	65	79	78	79	80	90	84	85	79	79	73	76	86	84	85	79	84	81	80	85	88	90	87	86	84	86	88	79	82.4
	Minimum	47	49	62	63	48	49	45	52	56	52	64	62	54	65	61	61	62	62	64	60	60	60	55	58	56	55	58	59	62	64	68	57.8
Pine Bluff	Maximum	90	90	90	76	77	82	81	85	89	90	94	81	84	74	80	85	91	91	82	85	77	74	87	87	91	92	94	89	87	95	92	85.9
	Minimum	57	51	60	67	55	50	51	47	48	62	67	62	55	63	61	66	65	69	68	61	64	56	60	61	57	66	61	63	61	64	65	60.1
Pocahontas	Maximum	86	85	84	82	76	80	76	79	83	88	86	71	79	77	73	80	86	84	80	87	84	75	86	83	86	85	83	80	81	90	88	82.0
	Minimum	45	52	54	60	54	50	51	42	43	52	61	54	47	58	64	65	66	65	65	61	59	59	60	56	56	52	60	50	58	58	66	56.2
Portland	Maximum	85	85	87	85	76	78	76	78	87	98	90	87	81	77	79	87	92	90	86	77	78	76	83	81	88	85	93	87	90	91	94	84.7
	Minimum	62	58	55	64	56	51	51	45	45	54	60	62	53	64	62	63	63	63	69	64	63	58	61	61	55	63	56	68	66	65	64	59.5
Prescott	Maximum	88	87	87	84	87	88	92	83	88	92	89	91	93	87	82	86	87	88	87	84	76	75	85	81	91	92	94	87	91	94	97	87.5
	Minimum	59	61	63	64	50	52	58	46	51	59	64	61	57	55	60	63	65	68	70	68	64	53	61	61	54	59	61	63	64	67	68	60.3
Rison	Maximum	85	86	86	79	71	79	77	79	85	86	87	82	82	75	79	84	89	89	83	85	78	71	85	83	89	88	95	83	85	90	84	83.2
	Minimum	60	59	58	64	62	47	50	41	49	61	63	61	53	63	61	65	64	67	71	60	63	54	58	53	55	58	59	61	61	64	67	58.8
Rogers	Maximum	81	85	83	72	71	75	73	80	86	87	78	72	75	71	78	81	82	78	80	81	72	74	79	78	82	81	77	78	82	87	79	78.6
	Minimum	56	54	62	52	45	44	40	41	49	58	59	52	51	57	60	59	57	64	58	59	50	50	51	51	50	51	60	48	56	57	62	53.6
Searcy	Maximum	81	83	84	84	88	78	76	77	82	85	88	80	76	73	73	82	86	86	78	83	80	73	83	81	88	84	86	83	76	87	78	81.4
	Minimum	47	53	52	62	55	46	50	43	44	54	63	59	50	61	61	65	63	66	67	59	62	56	62	57	56	55	58	56	59	57	62	56.8
Stuttgart	Maximum	82	85	85	78	70	76	72	76	84	87	89	79	78	73	78	83	89	87	81	82	77	71	81	79	86	83	87	84	80	89	88	81.3
	Minimum	51	57	57	65	54	46	47	40	45	51	64	58	49	61	61	64	63	68	64	61	62	56	57	56	57	55	60	62	59	59	63	57.4
Subiaco	Maximum	86	87	86	78	76	81	78	80	87	91	86	76	79	73	79	85	85	84	80	83	78	79	85	81	87	84	85	83	87	93	86	82.8
	Minimum	50	58	65	58	50	51	50	49	50	59	60	61	53	61	60	64	65	62	65	62	62	54	60	59	59	59	64	61	60	63	66	58.7
Texarkana	Maximum	87	87	84	76	79	84	86	85	90	89	88	83	84	82	84	89	86	89	87	80	80	77	90	87	91	93	97	92	93	97	96	86.8
	Minimum	60	63	63	65	50	47	50	49	55	60	64	63	55	56	63	62	66	69	66	63	60	57	62	60	60	61	60	62	66	67	68	60.4
Warren	Maximum	86	88	87	86	72	76	76	80	87	90	88	95	93	76	79	84	89	88	92	91	79	74	85	86	88	88	93	93	89	95	94	86.0
	Minimum	62	59	66	54	52	52	57	50	61	64	63	55	66	62	95	72	72	64	79	65	61	62	65	69	63	73	65	65	74	76	77	64.3
Wynne	Maximum	82	83	81	79	73	80	74	76	83	87	89	85	79	75	76	83	89	87	82	87	82	71	83	82	87	86	87	82	72	89	81	81.7
	Minimum	48	55	58	65	56	46	47	39	42	55	63	56	50	63	62	65	65	68	62	64	63	58	59	59	55	54	54	57	59	56	60	56.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., JUNE, 1928 No. 6

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during the month of June were the positive precipitation and negative temperature departures, this being the wettest June on record in Arkansas and with the exception of June, 1903, and 1912 the coldest. Cool weather prevailed practically the entire month, daily means being above normal on only eight days. The mean temperature, as determined from the records of 58 stations, was 73.5° which is 3.6° below normal, all stations for which normals have been computed showing negative departures except Amity. Monthly means ranged from 78.2° at Portland and Texarkana to 66.9° at Dutton, a difference of 11.3° between northwestern and southern sections of the State. Extremes ranged from 100° at Amity on the 19th and 20th to 40° at Dutton on the 6th. The lowest June temperature on record in Arkansas is 37° at Russellville June 12, 1903 and at Dutton June 16, 1917.

The average precipitation, as determined from the records of 88 stations, was 9.44 inches which is 5.42 inches above normal, Amity being the only station with a negative departure. Monthly totals ranged from 17.16 inches at Pocahontas to 4.01 inches at Amity. Numerous northern stations measured 12 to 16 inches. Rain fell in the State every day during the month. The average number of rainy days was 13. Eureka Springs and Fayetteville reported 21 rainy days, Piggott 20, numerous stations 15 to 18. The greatest amount measured in any 24 hour period was 4.87 inches at Subiaco on the 13th.

The month as a whole was too cool and too wet for most crops. Cotton made slow progress owing to the cool weather and at the close of the month many fields were grassy. Corn, where cultivated, made satisfactory growth, but in many fields the ground being soaked almost continuously, cultivation was impossible and the crop became foul and yellow. The rains also interfered with harvesting hay crops and caused grapes to rot.

The heavy rains caused floods on the White, Black, Little Red, Saint Francis, and Petit Jean rivers and near flood stages on other streams. Levees broke at several points on the White and a general overflow of the lowlands in the eastern section of the State resulted. Approximately 100,000 acres were inundated and a loss of over $1,000,000 sustained. W.C.H.

Wind, Hail, Tornadoes, June, 1928

Place	Date	Time	Character	Dir. from	width yards	Killed	Inj.	Damage
Bates to Cauthron	12	6.30pm	Tornado	sw	100	2	1	$10,000
Eureka Springs	9	1.30am	Moderate Hail	....	.....	.....	.....	Slight
Vanndale	28	4.00am	Heavy Hail	nw	.....	.....	.....	$400

Corrections: May, 1928

Harrison, Mean temperature should be 67.2°, departure from normal +1.8°.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 22; 2d, 14; 3d, 21; 4th, 16; 5th, 2; 7th, 3; 8th, 15; 9th, 47; 10th, 15; 11th, 15; 12th, 19; 13th, 40; 14th, 3; 15th, 8; 16th, 12; 17th, 26; 18th, 7; 19th, 1; 20th, 24; 21st, 33; 22d, 37; 23d, 45; 24th, 23; 25th, 8; 26th, 3; 27th, 13; 28th, 29; 29th, 9; 30th, 18.

SOLAR HALOS:---1st, 1; 4th, 1; 13th. 1; 15th, 1; 16th, 1; 23d, 1; 25th, 1; 26th, 1.

LUNAR HALOS:---2d, 1.

DENSE FOG:-----5th, 1; 11th, 1; 13th, 2; 14th, 4; 15th, 1;16th, 1;17th, 1; 23d, 1; 27th, 1.

Supplemental Precipitation Table

Stations	Counties	Elevation, feet	Length of record, years	Precipitation, inches: Total	Departure	Greatest in 24 hours	Total snow unmelted	Number of Days: Precip. .01 in. or more	Clear	Pfly. cldy.	Cloudy	Wind direction
Cold Springs	Scott	1250	2	....	.....	....	...	.	..	.	..	...
Jessieville	Garland.	750	2	6.85	.....	2.00	0.0	7	15	5	10	...
Oden	Montgomery	800	2	7.50	.....	3.10	0.0	6	10	7	13	sw
St. Francis.....	Clay.....	290	1	11.76	.....	3.10	0.0	14	15	0	15	..

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	29.81	30.09	14	29.46	17	4,298	26	s.	18	.....	.....	58
Fort Smith	29.81	30.08	14	29.54	17	5,600	32	sw.	20	85	78	50
Little Rock.	29.85	30.11	14	29.49	3	6,028	37	nw.	21	86	67	54
Memphis	29.86	30.11	15	29.55	3	5,412	38	n.	9	85	71	60

COMPARATIVE DATA FOR JUNE

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**77.1**		**110**		**37**		**4.02**		**14**	**10**	**6**	**8**
1891.....	77.9	+0.8	103	27	56	9	3.71	−0.31	11	11	8	17
1892.....	76.9	−0.2	103	14	40	2	3.87	−0.15	16	10	4	8
1893.....	76.3	−0.8	99	13	49	8	5.20	+1.18	12	12	6	9
1894.....	76.6	−0.5	106	30	42	1	1.39	−2.63	17	10	3	4
1895.....	76.9	−0.2	100	2	47	6	5.94	+1.92	12	10	8	10
1896.....	77.7	+0.6	103	27	48	3	1.91	−2.11	14	10	6	5
1897.....	78.0	+0.9	106	22	41	1	3.46	−0.56	12	13	5	5
1898.....	78.7	+1.6	100	25	60	3	4.86	+0.84	8	14	8	11
1899.....	77.3	+0.2	102	24	50	18	2.74	−1.28	13	12	5	6
1900.....	76.6	−0.5	100	10	43	4	7.10	+3.08	7	14	9	13
1901.....	79.4	+2.3	110	29	41	1	1.44	−2.58	16	12	2	4
1902.....	77.5	+0.4	105	19	42	23	5.27	+1.25	16	9	5	6
1903.....	70.5	−6.6	99	21	37	12	2.53	−1.49	13	10	7	7
1904.....	75.3	−1.8	99	13	50	7	7.14	+3.12	11	13	6	10
1905.....	77.9	+0.8	104	15	44	1	5.90	+1.88	12	10	8	10
1906.....	76.2	−0.9	101	18	44	22	4.60	+0.58	14	11	5	8
1907.....	75.2	−1.9	103	24	39	2	4.48	+0.46	14	11	5	8
1908.....	76.0	−1.1	98	23	46	14	3.85	−0.17	13	11	6	8
1909.....	76.9	−0.2	104	8	49	4	4.08	+0.06	12	12	6	10
1910.....	74.1	−3.0	99	18	44	12	4.85	+0.83	12	13	5	10
1911.....	80.9	+3.8	106	7	47	13	2.53	−1.49	16	11	3	6
1912.....	73.1	−4.0	97	17	42	8	5.83	+1.81	11	12	7	9
1913.....	77.0	−0.1	103	28	39	12	1.68	−2.34	16	11	3	4
1914.....	82.3	+5.2	109	28	52	28	1.00	−3.02	19	10	1	2
1915.....	76.0	−1.1	106	21	45	9	4.92	+0.90	12	9	9	9
1916.....	75.4	−1.7	99	21	43	8	5.15	+1.13	12	10	8	8
1917.....	75.2	−1.9	105	30	37	16	4.87	+0.85	18	7	5	6
1918.....	80.5	+3.4	110	20	49	13	3.55	−0.47	15	9	6	7
1919.....	76.9	−0.2	101	26	45	4	5.11	+1.09	11	10	9	10
1920.....	74.7	−2.4	101	26	42	24	3.41	−0.61	19	6	5	6
1921.....	78.5	+1.4	103	3	46	8	4.84	+0.82	12	10	8	11
1922.....	78.6	+1.5	104	14	44	4	2.64	−1.38	16	8	6	7
1923.....	76.7	−0.4	99	25	46	29	5.20	+1.18	13	11	6	9
1924.....	78.5	+1.4	105	12	42	2	3.64	−0.38	15	6	9	8
1925.....	82.3	+5.2	108	20	46	1	2.08	−1.94	17	9	4	4
1926.....	76.6	−0.5	104	12	42	6	2.60	−1.42	17	8	5	6
1927.....	76.3	−0.8	104	25	43	16	6.50	+2.48	13	8	9	9
1928.....	73.5	−3.6	100	19	40	6	9.44	+5.42	8	9	13	13

Climatological Data for June, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	750	33	76.1	+1.3	100	19†	50	6†	34	4.01	−1.63	1.15	0.0	8	4	20	6	sw.	G. C. Thrash
Arkadelphia	Clark	250	32								8.08	+2.98	2.14	0.0	12	12	6	12	s.	W. K. Brown
Arkansas City	Desha	145	44								4.61	+0.37	1.70	0.0	7	15	8	12	.....	Carl R. Cutting
Arlberg	Stone	700	6								10.98	.....	3.53	0.0	12	1	14	15	ne.	J. D. Reeves
Batesville	Independence	277	29	71.2	−4.2	89	29	49	6	28	12.08	+8.05	1.84	0.0	15	13	0	17	s.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	71.7	−5.1	88	20	50	6	28	10.63	+6.51	2.41	0.0	14	2	10	18	s.	J. E. Scanlan
Bentonville	Benton	1303	23	68.7	−5.4	87	18	48	6	27	13.81	+9.25	2.50	0.0	19	13	10	7	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26								17.07	+13.73	2.74	0.0	15	13	3	14	s.	Vernon C. Howe
Blytheville	Mississippi	252	3	73.6	.....	90	19	55	7†	25	10.00	.....	1.91	0.0	18	6	14	10	sw.	W. Ebner
Booneville	Logan	465	14	74.8	−2.8	96	7	50	6	32	11.49	+7.00	4.79	0.6	12	5	9	16	s.	F. H. Randolph
Brinkley	Monroe	205	41	75.4	−2.3	91	1	53	6	29	8.73	+5.29	1.55	0.0	14	9	13	8	se.	R. J. Torry
Calico Rock	Izard	361	24	71.5	−4.7	93	8	47	6	34	13.79	+10.24	3.05	0.0	13	2	6	22	s.	W. J. Copp
Camden	Ouachita	158	43	75.8	−2.4	91	3†	52	6	30	7.62	+2.93	2.37	0.0	14	5	6	19	sw.	A. B. Quarterman
Center Point	Howard	470	29	75.8	−2.8	92	20†	54	6	31	8.43	+4.05	1.87	0.0	10	9	10	11	se.	John C. Floyd
Clarendon	Monroe	200	24								9.32	+5.98	3.18	0.0	16	4	6	20	s.	J. W. Bishop
Clinton	Van Buren	516	7								10.07	.....	3.53	0.0	12	0	12	18	sw.	A. L. Stephens
Conway	Faulkner	309	45	74.7	−3.5	91	18†	51	6	31	5.83	+1.78	1.23	0.0	11	17	9	4	s	E. E. Cordrey.
Corning	Clay	293	35	71.6	−4.0	89	19	51	7	30	13.18	+9.06	2.30	0.0	12	10	13	7	sw.	Winfred D. Polk
Cotter	Marion	408	1								14.58	.....	3.50	0.0	15	5	0	24	s.	J. O. Linck
Dam No. 1‡‡	White	196	5								10.90	.....	2.98	0.0	14	15	5	10	sw	J. O. Yingling
Danville	Yell	327	12								7.60	+4.24	1.85	0.0	6	7	0	23	s.	C. P. Evans
Dardanelle	Yell	330	42	75.6	−2.2	95	18	52	6	31	7.67	+4.03	1.34	0.0	11	6	23	1	e.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	1								7.40	.....	1.96	0.0	12	12	7	11	.....	H. G. Pate
Dumas	Desha	162	22	76.0	−2.8	93	30	54	6	26	6.18	+2.05	1.92	0.0	10	3	17	10	s.	Ben Johnson
Dutton	Madison	1590	25	66.9	−4.9	84	22	40	6	35	12.53	+7.03	3.24	0.0	17	6	9	15	s.	J. M. Ricketts
El Dorado	Union	270	27	77.4	−2.6	93	20	56	6	28	4.57	+1.33	1.50	0.0	12	4	12	14	sw.	J. J. Babb
England	Lonoke	229	21	75.4[a]	−2.5	92[a]	30	53[a]	6	28[a]	8.21	+4.55	2.10	0.0	9	8[a]	10[a]	11[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	68.8	−5.2	86	18	49	6	27	11.24	+5.58	1.37	0.0	21	4	12	14	se.	Geo. W. Nicholds
Fayetteville††	Washington	1451	41	69.9	−4.3	87	29	47	6	31	8.90	+4.38	1.17	0.0	21	7	12	11	s.	University of Arkansas
Fort Smith	Sebastian	457	47	74.1	−3.4	91	18†	53	6	28	7.22	+3.50	2.09	0.0	14	4	13	13	e.	U. S. Weather Bureau
Freeman Springs	Pope	2249	4								11.16	.....	3.23	0.0	15	7	11	12	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	42								8.41	+4.48	2.40	0.0	10	6	5	19	.....	T. J. Logan
Georgetown	White	200	16								8.30	+4.85	1.38	0.0	13	6	5	19	s.	W. R. Owens.
Gilbert	Searcy	675	5								11.34	.....	2.04	0.0	16	2	18	10	.....	Ben F. Battenfield
Grannis	Polk	900	9	73.0	.....	89	1†	47	6	35	10.55	.....	2.66	0.0	11	8	10	12	sw.	W. E. McVay
Gravette	Benton	1250	31	69.0	−4.6	86	18†	46	6†	32	11.35	+5.94	2.15	0.0	18	9	10	11	se.	A. F. Stevens.
Harrison	Boone	1052	27	70.3[f]	−2.6	96[f]	21	45[f]	5	45[f]	14.19	+10.21	4.10	0.0	16	4[e]	12[e]	9[e]	.....	G. L. Wright
Helena	Phillips	250	56	75.4	−2.8	91	20	53	6	26	9.21	−5.28	2.90	0.0	17	2	1	27	s.	James A. Burnett
Higden	Cleburne	445	10								9.84	.....	3.91	0.0	14	1	15	14	sw.	Geo. W. Baker
Hope	Hempstead	377	57	77.1	−1.3	96	1	52	6	33	10.28	+6.39	2.90	0.0	9	17	3	10	s.	N. P. O' Neal
Hot Springs	Garland	600	37	75.0	−2.9	93	20	51	6	32	8.44	+3.86	2.40	0.0	7	15	13	2	.....	G. C. Bolton
Index‡‡	Little River	275	3								6.70	.....	1.35	0.0	16	6	1	23	.....	H. G. Sanderson
Jonesboro	Craighead	345	33	73.3	−4.3	89	18†	53	6†	30	11.02	+7.32	2.42	0.0	16	4	12	14	sw.	Benedictine Sisters
Lambrook††	Phillips	155	5	75.9	.....	95	27	56	6†	39	7.67	.....	3.10	0.0	10	14	0	16	n.	Mrs. D. C. White
Lead Hill	Boone	650	1	70.6	.....	92	18	45	6	34	14.53	.....	3.35	0.0	18	11	9	10	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	49	74.8	−2.6	90	20	54	6	28	6.72	+2.63	1.71	0.0	15	6	9	15	s.	U. S. Weather Bureau
Lurton	Newton	2100	3	67.0	.....	82[b]	18†	46[b]	6	27[b]	10.72	.....	1.91	0.0	18	8[a]	11[a]	10[a]	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	30	72.0	−3.8	89	23†	49	6	31	9.41	+4.94	5.76	0.0	14	6	10	14	c.	H. G. Lenhardt
Magnolia	Columbus	315	9	76.4[b]	.....	93[b]	30	55[b]	6	27[b]	8.39	.....	3.21	0.5	12	21[b]	4[b]	3[b]	s.	State Agri. School
Malvern	Hot Springs	277	41	76.2	−1.3	94	30	49	6	35	6.82	+2.66	1.69	0.0	12	13	12	5	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	23	69.8	−4.5	91	18	46	6	32	13.39	+9.07	2.63	0.0	15	10	7	13	nw	W. C. Gregg
Marianna	Lee	235	16	75.6	−2.4	91	1	55	6	24	5.22	+0.70	1.08	0.0	10	20	7	3	s.	C. N. Houck
Marked Tree	Poinsett	229	23	72.5	−6.2	92	30	50	7†	32	7.95	+5.02	2.75	0.9	15	5	19	6	n.	Charles Walton
Marshall	Searcy	1670	14	70.6	−6.0	88	21	45	6	31	16.71	+12.81	3.61	0.6	16	3	8	19	s.	A. J. Parks
Mena	Polk	1185	40	73.8	−2.6	91	20	49	6	34	6.11	+1.27	1.23	0.0	16	6	12	12	sw.	E. W. St. John
Morrilton	Conway	347	7	73.7	.....	89	20†	52	6	28	7.43	.....	1.95	0.0	11	5	14	11	sw.	John Cook
Mountain Home	Baxter	800	14	68.8	−6.0	89	18	49	7	34	15.04	+10.75	3.60	0.9	11	1	3	26	w.	B. S. Halbert
Mount Ida	Montgomery	650	25	73.2	−3.3	92	30	47	6	36	7.04	+2.40	2.90	0.0	7	10	7	13	sw.	G. A. Whittington
Nashville	Howard	350	1	75.2	.....	93	1†	52	6	31	8.85	.....	2.30	0.0	13	12	12	6	s.	J. H. Skillern
Newport	Jackson	231	44	74.5	−3.3	91	1†	52	6	29	11.49	+7.85	3.12	0.0	17	8	7	15	n.	A. C. Wilkerson
Osceola	Mississippi	240	30	73.8[b]	−3.4	91[c]	20	53	6	29[c]	9.10	+5.64	1.52	0.0	17	9	4	17	sw	June Thomason
Ozark	Franklin	396	32	74.0[c]	−4.0	93[c]	1	50[c]	6	33[c]	9.25	+4.98	2.80	0.0	12	12[b]	4[b]	12[b]	nw.	Isham Burrow
Paragould	Greene	301	2								13.91	.....	2.72	0.0	14	1	25	4	s.	W. R. Heagler
Patterson	Woodruff	196	12								9.91	+5.81	2.09	0.0	12	13	5	12	s.	W. E. Baker
Piggott	Clay	307	4								11.86	.....	2.40	0.0	20	6	7	17	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	77.6	−1.4	97	1	55	6	29	9.33	+5.46	1.58	0.0	13	9	5	16	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	35	72.4	−4.0	87	29†	49	7	32	17.16	+13.21	2.70	0.0	14	0	12	18	n.	Benedictine Sisters
Portland	Ashley	122	22	78.2	−1.0	97	29	55	6	31	4.31	−0.20	1.03	0.0	11	4	16	10	sw.	W. E. Edmiston
Prescott	Nevada	329	40	76.6	−1.9	96	30	53	6	31	11.08	+7.34	3.44	0.0	11	5	5	20	n.	C. D. Calhoun
Princeton	Dallas	287	22								9.76	+5.61	4.52	0.0	8	15	6	15	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	76.5[a]	−1.4	96[a]	28	52[a]	26	29[a]	10.29	+6.34	2.05	0.0	9	14	5	11	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	70.1	−3.3	88	18†	46	6	29	10.54	+5.83	2.65	0.0	17	8	10	12	w.	Carl A. Starck
Searcy	White	236	19	73.4	−3.8	90	20	50	6	30	10.06	+6.56	3.65	6.0	14	11	0	19	s.	J. T. Bell
Springbank‡‡	Miller	240	21								8.82	+4.46	2.00	0.0	10	8	0	22	.....	Miss Grace Field.
Story	Montgomery	700	4								7.08	.....	2.20	0.0	12	8	12	10	s.	S. C. Story
Stuttgart	Arkansas	228	41	75.6	−2.0	91	1†	54	6	27	5.67	+1.56	1.26	0.0	11	14	9	7	s.	Adam F. Buerkle
Subiaco	Logan	1050	31	74.0	−3.4	91	18†	51	6	29	10.66	+6.67	4.87	0.0	13	9	7	14	s.	New Subiaco Abbey
Texarkana	Miller	332	42	78.2	−0.8	96	1†	54	6	34	7.73	+4.10	2.45	0.0	9	8	3	19	s.	H. S. Brashear
Thornburg	Perry	650	4	72.0	.....	89	20	45	6	35	10.09	.....	1.80	0.0	12	9	13	8	s.	Edward E. Holmes
Waldron	Scott	675	9								5.70	.....	1.84	0.0	10	5	9	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	34			95	21				5.46	+1.48	1.30	0.0	7	10	13	7	sw.	W. L. Shide
Waters	Montgomery	800	4								8.98	.....	2.52	0.0	8	4	12	14	sw.	J. R. Huddleston.
Wilson	Mississippi	237	3	73.1	.....	91	1†	52	7	25	6.76	.....	1.60	0.0	11	11	14	5	s.	M. W. H. Collins
Whitecliffs	Little River	290	24								6.35	+2.81	1.52	0.0	8	5	2	23	..	Nannie O Schirmer
Wynne	Cross	250	20	74.0	−4.5	89	1†	52	6	30	9.13	+5.58	1.40	0.0	14	3	6	21	sw.	E. O. Allen
Yancopin	Desha	167	4								6.78	.....	1.32	0.9	12	5	5	20	.....	W. E. Barton
State Means and Extremes				73.5	−3.6	100	19†	40	6	45	9.44	+5.42	4.87	0.0	13	8	9	13	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports are used in section means T. Less than 0.01 inch rain or melted snow. ††Received too late for use in means and summaries. Reference letters [a],[b],[c], indicate number of days missing. †Also on other dates. ‡‡P.O. addresses as follows:-Index, Route A., Texarkana; Dam No. 1, Judsonia; Junction, R.F.D. 3, Junction City; Lutherville, R.F.D. No 1, Lamar; Springbank, Doddridge, Ark.

Daily River Stages for June, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.7	6.7	6.8	6.8	14.0	14.1	14.7	14.4	13.4	13.7	13.1	13.5	16.3	20.4	22.2	22.8	21.6	19.8	18.0	17.2	18.0	20.2	21.6	23.0	24.7	24.2	23.0	20.9	17.7	15.7	14.9
Ozark	do	22	8.5	8.2	8.4	7.8	10.4	10.4	10.7	10.0	9.6	10.8	9.3	9.9	16.0	19.4	18.8	18.0	16.3	15.0	13.9	13.0	15.0	17.1	18.7	19.9	20.4	19.8	18.0	15.4	13.0	12.2	
Dardanelle	do	20	6.0	5.7	5.5	5.3	11.0	12.0	12.4	12.2	12.2	11.5	11.0	11.6	16.4	22.2	21.7	21.2	19.8	18.8	16.5	15.2	16.6	19.5	20.6	22.7	22.9	22.5	21.5	19.2	16.4	14.4	
Morrilton	do	20	4.8	4.4	4.4	6.0	4.0	5.0	10.5	10.5	10.9	10.6	9.8	9.6	9.8	12.0	20.0	21.5	20.7	19.5	18.5	17.0	15.8	15.3	18.5	19.5	21.5	22.4	22.3	21.5	20.0	17.5	14.5
Little Rock	do	25	5.0	4.6	4.2	3.9	3.9	9.0	10.8	11.2	11.1	10.4	10.4	10.3	10.3	16.5	19.5	19.6	19.0	18.3	17.3	15.8	14.9	15.9	18.0	19.2	20.1	20.6	20.6	19.7	18.3	16.3	
Pine Bluff	do	25	10.9	10.4	10.1	9.2	9.5	10.0	14.6	15.5	16.0	15.7	15.4	15.3	15.1	16.7	21.9	23.2	23.5	23.0	22.2	21.2	19.4	19.8	21.8	22.2	23.8	24.5	24.8	24.5	23.8	22.3	
Yancopin	do	29	22.8	22.6	22.1	21.7	21.1	20.4	20.8	23.4	24.7	25.5	25.9	26.3	27.0	27.7	30.2	32.2	33.4	34.0	34.4	34.7	34.9	35.1	35.5	35.9	36.3	36.9	37.4	38.0	38.5	38.8	
Danville	Petit Jean	20	4.2	2.9	2.4	6.0	10.8	9.5	5.3	4.1	4.9	10.4	12.0	8.4	8.4	19.2	23	7.2	22.5	21	0	18.4	15.6	12.2	7.4	15.2	16.6	20.0	20.8	18.8	15.8	12.2	8.4	5.8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	5.3	4.8	10.8	9 9	10.5	10.2	9.4	8.2	8.9	14.8	14.5	14 8	27 5	17.1	18.4	9.6	18.4	13.6	14.8	14.6	19.4	22.7	24.6	20.5	17.7	15.9	13 1	10.5	12.7	10.9	
Calico Rock	do	18	4.3	4.8	8.5	12.7	11.4	10.7	9.7	8.4	8.6	16.2	15.4	15 0	28 5	31.9	22.3	20.5	21.0	20.4	15.6	14.6	17.0	25 6	28.6	24.8	21.0	17.4	14.5	11.6	13.4	12.5	
Batesville	do	23	10.1	10.3	10.3	17.2	18 7	17.6	16.8	15.5	14.5	20.1	23 7	21.6	25.5	37.4	33.3	28.5	27.5	29.6	25.5	22.7	22.7	28.7	31.5	33.0	29.9	26.5	23.4	20.4	19.1	20.9	
Newport	do	26	11 2	10.4	10 1	13.6	18.8	20.3	20.8	20.7	20.1	20.2	22.8	24.2	24 9	28.2	32.0	32.5	31 8	31 6	31.5	30.8	30.1	30.0	31.4	32.4	32.6	32.0	30.9	29.8	28.6	28.1	
Georgetown	do	22	18 7	17.9	17.0	17 2	17.9	18.2	18.7	19.2	19.6	19.8	20.0	20 3	20.8	20.1	22.8	24.5	26.5	27.8	28.8	29.3	29 6	29.5	29.5	29.2	29.3	29.6	29.9	29.7	29.2	28.5	
De Valls Bluff	do	24	21.2	21.2	21.0	21.0	20.8	20.8	20.9	21.0	21.2	21.3	21.5	21 5	21.7	21.8	22.2	22.9	24.2	25.8	26.9	27.5	28.0	28.2	28 3	28.3	28.0	28.1	28.3	28.5	28.5	28 3	
Clarendon	do	30	24.0	24.2	24.3	24.5	24.5	24.4	24.3	24.3	24.5	24 6	25 0	25.2	25.3	25.5	25.7	26.0	26.7	27.8	28.9	29 8	30.5	31.1	31 8	32 3	32.8	33.4	33.8	34.2	34.6	34 8	
Gilbert	Buffalo	11	5.0	5.0	5.0	5.3	5.8	5.7	5.5	5.4	5 3	5.2	5.2	5.1	5.0	15.5	13.2	8.0	10.6	8.2	6.8	6.5	13.5	10.2	12.0	10.3	8 2	7.0	6.2	5.9	5.6	5.5	
Corning	Black	11	8.5	8.6	8.7	10.5	11 6	12.6	13 3	13.2	13.1	12 8	13.0	13 3	13.4	13.6	14.4	14.7	14.7	11 9	15 0	14.6	14.3	13.9	13.9	13.9	14.1	14.7	14.9	14.7	14.3	14.0	
Black Rock	do	14	7.0	6.8	6.8	8.9	15.1	15.3	15.0	14 4	14.9	18.3	19.5	19 3	21.1	25.7	25.7	24.3	24 5	25 5	24.6	23.9	24.8	26 6	25.5	25.3	24.5	23.8	23.3	23.0	22.9	22.9	
Dam No. 1	Little Red	..	1.5	1.5	1.4	4 6	4.0	3.5	3.0	2.5	2.0	4.0	3 4	3.0	6.0	24 5	33.0	24.0	18 2	15.2	14.0	13.4	13.0	15 8	18.0	19.0	17.8	14.8	14.0	13.5	13.2	12.0	
Patterson	Cache	9	8.1	8.0	7.7	7.5	7.6	7.9	8.2	8 3	8.9	9.3	9.3	9.3	9 2	9.3	9.7	10.2	10.6	10.8	11.0	11 1	11.1	10.9	11.0	11.2	11.4	11.6	11.8	11.8	11.5	11.2	
Arkadelphia	Ouachita	18	0.6	0.3	1.4	3.6	8.3	3.8	3 5	2.4	2.0	3 2	3 3	4.0	4.2	4.9	6.0	6 2	4 0	3.6	3.5	3.4	2.5	3.8	5.2	6.4	6.0	3.5	3.4	3.0	1.8	1.6	
Camden	do	30	6.1	5.7	9.2	14 0	18.4	20.6	20.7	19.4	16.6	13.1	13.0	19.0	23.7	25.6	25 6	25.3	25.0	23.9	20.4	17.6	15.5	13.5	13.8	16.2	18.5	19.2	17.5	15.0	12.9	11.7	
Fulton	Red	28	13.4	13 2	13.4	14.4	15.3	15.4	14 8	15.1	16 0	16 7	16.8	17.0	17 8	18.9	19.4	21.2	23 3	23.7	22 9	23.7	23.4	21.8	20.0	21.4	22.3	23.2	23.4	22.3	21.2	20.6	
Springbank	do	37	16.0	15.0	15.0	15 0	16.5	17.5	17.8	17.4	17 7	18.4	19.2	19.5	19 6	20.0	20.6	21.5	22.5	23.5	23.7	23.9	24.2	23 8	21.8	20.8	21.2	22.6	23.6	24 4	22.8	21.8	
Whitecliffs	Little	28	4.2	3.4	3.8	9.5	12 6	11.9	9.7	7.4	6.0	10.4	17.0	20.3	21.4	21.8	22.1	23.3	23.6	23.5	22.0	21.4	18.0	16 2	14.6	14.6	15.9	17.5	17.2	15.5	14 0	12.5	
Marked Tree	St. Francis	17	6.8	6.7	6.5	6 9	7 0	7.0	6 9	6.8	7.1	7.3	7.8	9.0	9.6	10.4	11.3	12.2	12.9	13 5	14.0	14.5	15.0	15.4	16.0	16.4	16.7	17.0	17.2	17.3	17.5	17.7	
Helena	Mississippi	44	27.4	27.4	26.7	26.0	25.4	25.3	26 0	26.5	27.5	28 5	30.3	32.3	34.1	35.8	37.0	37.9	38.9	39 8	40.5	41.1	41.6	42.1	42.5	42.9	43.2	43.5	43.8	44.1	44.3	44.4	
Arkansas City	do	48	32.9	32.7	32.4	32.0	31.6	31.0	30.5	31.0	32.0	33.0	34.0	35 0	36.0	37.0	38.7	40.3	41.1	42.0	43.0	44.0	45.0	45.8	46.7	47.4	48.0	48.6	49.4	50.0	50.8	51.3	

Daily Precipitation for June, 1928

Stations	Drainage-basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	.33	.45	1.15	...	...	...	...	...	.49	...	.40	...	.40	...	...	...	...	...	...	...	.52	...	.27	...	...	...	...	...	...	...	...	4.01
Arkadelphia	Ouachita	.04	.40	1.90	.61	...	...	...	...	.45	.49	.24	.30	...	.10	...	...	...	...	...	...	1.33	.08	2.14	...	...	...	...	...	...	...	...	8.08
Arkansas City	Mississippi	...	...	.28	...	.25	...	...	...	...	.28	.88	.15	...	1.07	...	...	...	...	...	...	...	...	1.70	...	...	...	...	...	...	...	...	4.61
Arlburg	White	1.03	...	.55	1.07	...	...	...	...	.82	.15	...	...	3.53	...	...	...	1.20	...	...	.29	1.57	...	1.03	...	...	...	...	.68	...	.06	...	11.98
Batesville	White	.42	...	1 07	1.37	T.	...	T.	...	.86	...	.76	.04	1.58	1.84	...	...	.93	...	...	...	1.19	...	1.34	.18	...	...	...	.16	.12	.22	...	12.08
Bee Branch	Arkansas	.50	...	1.46	.10	...	T.	...	...	1.05	T.	.12	...	2 41	...	...	...	.65	...	...	.34	2.20	.20	.42	.80	T.	...	.05	.33	...	1	...	10.68
Bentonville	Arkansas	1.38	...	.21	.38	.05	...	.02	...	.90	.04	...	1 48	.46	...	1.24	.33	1.43	...	...	1.22	T.	2.50	.78	.07	...	T.	.05	.18	...	1.09	...	13.81
Black Rock	White	.17	...	.95	2.42	...	T.	...	.15	1.94	...	.41	.04	2.28	1.78	...	...	1 24	.06	...	...	2.74	...	2.05	...	T.	...	...	.09	.75	...	...	17.07
Blytheville	Mississippi	.01	.12	1.10	1 29	.01	...	...	1.37	.04	.22	.23	.61	1 91	...	...	...	.71	...	...	.59	...	.36	.02	...	...	.03	.84	...	.54	...	10.00
Booneville	Arkansas	...	...	2.01	.23	T.	...	...	...	1.39	.05	.04	.02	4.79	...	...	...	.04	...	...	...	.64	...	1.49	...	...	.04	T.	.45	...	...	...	11.19
Brinkley	White	...	...	.43	1.55	T.	...	...	...	.80	.27	.32	.14	...	.67	...	...	.62	.78	...	...	.78	.03	1.60	1.09	...	...	...	.25	...	...	...	8.73
Calico Rock	White	.69	...	.35	.65	...	T.	...	...	1.60	...	.40	...	3.05	.40	...	...	1.95	T.	...	...	1.65	...	1.92	.10	...	...	...	.23	.80	T.	...	13.79
Camden	Ouachita	...	.24	2.37	.69	.02	...	...	...	.02	.91	1.45	.14	.03	.07	...	...	...	...	...	...	.41	...	1.05	.12	...	...	...	1.0	...	...	...	7.62
Center Point	Red	...	.66	1.87	.01	...	...	...	...	1.56	...	.58	...	1.05	T.	...	...	...	...	...	...	.80	.04	1.58	...	...	.28	T.	...	...	...	...	8.43
Clarendon	White	...	.50	.60	1.10	...	...	...	...	.30	.28	3.18	.09	...	.86	...	...	.01	...	...	...	.52	.04	1.18	.02	.02	...	...	.01	.01	T.	...	9.32
Clinton	White	...	...	1.25	.17	...	...	...	...	.82	.11	...	...	3.53	...	...	...	.69	...	...	1.38	...	1.31	.49	...	...	...	.03	.28	...	.01	...	10.07
Conway	Arkansas	...	...	.79	.04	...	...	...	...	1.01	.18	...	...	.64	...	...	...	36	...	...	...	1.23	...	1.08	.42	...	...	.07	.11	...	...	...	5.83
Corning	White	.07	...	1.68	2.30	...	...	...	...	2.03	...	.37	...	2.11	.84	...	...	...	.75	...	...	1.64	...	.71	.03	...	...	...	...	.65	...	...	13.18
Cotter	White	.75	...	.65	1.40	.10	...	...	.62	1.10	T.	.18	...	3.50	.60	...	...	1.15	...	...	...	1.75	...	1.20	.18	...	.20	1.15	...	T.	...	...	14.53
Dam No. 1	White	T.	.46	2.98	...	...	...	...	1.06	.26	.38	.12	1.12	1.20	...	...	1 36	...	...	.83	...	...	.75	T.	.18	T.	...	.05	.15	...	...	...	10.90
Danville	Arkansas	...	...	...	.95	...	...	...	...	1.05	...	T	...	1.55	1.15	...	...	...	...	...	...	1 05	...	1 85	...	...	...	...	T.	...	...	...	7.60
Dardanelle	Arkansas	...	...	.42	1.14	...	...	...	...	1.06	...	.12	T.	1.10	1.34	...	...	.10	...	...	...	.63	...	1.24	.29	...	...	T.	...	.23	...	...	7.67
De Valls Bluff	White	...	...	.79	1.96	...	...	...	...	.76	.30	.57	.63	...	.56	...	...	...	.10	...	...	.78	...	.57	.40	...	...	...	.07	...	...	...	7.40
Dumas	Mississipp	1.92	.21	1.00	.03	T.	...	...	...	.72	.47	.45	T.	.52	...	...	...	T.	...	...	...	.43	...	.43	...	T	...	...	...	...	T	...	6.78
Dutton	White	T.	...	.60	.18	.17	...	...	.10	.77	.02	.16	2.02	3.24	...	...	.04	1.14	...	...	.23	1.94	...	1.46	.22	.12	T.	T.	.12	...	T.	...	12.53
El Dorado	Ouachita	...	.05	.67	.11	.10	...	...	...	...	.68	1 50	...	...	.75	...	T.	...	...	...	...	.02	.12	.43	.04	...	...	...	.10	...	...	...	4.57
England	Arkansas	...	...	2.10	...	...	...	...	...	1.55	.07	.94	...	1.65	...	...	...	...	...	...	...	.96	.21	.69	...	...	T.	...	.04	...	T.	...	8.21
Eureka Springs	White	1.37	...	.78	.36	.07	.02	...	.54	1.08	...	...	.94	67	...	...	.18	.67	...	...	.63	.25	.70	.48	.85	.03	...	.18	.52	.03	.89	...	11.24
Fayetteville	White	47	...	.23	.56	.06	...	...	T.	.80	.03	.06	.77	.68	...	...	.22	.96	...	T.	.24	1.17	05	1.10	.95	.05	T.	.01	.46	.02	.01	...	8.90
Fort Smith	Arkansas	T.	...	.97	.52	...	...	...	T.	.90	.10	.01	2.09	.32	...	...	.02	.08	...	T.	.20	...	1.57	.09	T.	...	.02	T.	.33	...	T.	...	7.22
Freeman Sprgs.	Arkansas	.67	...	.24	.51	T.	.04	...	...	.65	...	.11	...	2.08	.40	...	...	.58	...	...	...	3.23	.36	.76	.66	...	...	...	.72	.20	...	...	11.16
Fulton	Red	...	...	T.	1.90	T.	...	...	...	...	2.40	1.49	1.04	T.	.10	T.	...	...	...	...	...	.03	.19	.43	.56	T.	...	...	.27	...	...	...	5.41
Georgetown	White	...	...	1.03	.94	...	...	...	...	.53	.14	.18	.05	...	.82	...	...	1.38	T.	...	...	.65	...	.69	1.24	...	...	...	.62	.03	...	...	8.30
Gilbert	White	1.32	...	.20	1.45	.02	...	...	.01	.49	...	.44	...	1.42	.63	...	...	1.38	.01	...	...	2.04	...	.92	.50	T.	T.	...	.19	.32	T.	...	11.34
Grannis	Red	...	.91	2.66	1.00	...	...	...	...	2 47	.07	.60	T.	1.59	...	...	T.	T.	...	...	T.	.74	...	.40	...	T.	.02	.09	T.	...	T.	...	10.55
Gravette	Arkansas	2.15	...	.26	.28	.05	...	...	...	.63	.06	.29	...	...	...	...	.92	1.27	...	...	.71	.15	1.87	...	1.58	.09	...	T.	.21	...	.83	...	11.35
Harrison	White	...	T.	1.43	T.	...	...	.26	...	.45	.29	...	4.10	.53	...	...	1.22	...	...	...	.49	1.81	.49	1 14	.48	.03	...	.12	.37	...	.98	...	14.19
Helena	Mississippi	...	2.90	1.14	.64	.02	.01	...	...	.54	1.38	.14	.01	1.14	...	...	.01	.18	...	...	.04	.08	68	.08	.22	...	...	T.	T.	...	...	...	9 21
Higden	White	...	...	1.08	.23	...	...	...	T.	1.03	.02	.17	...	3.91	...	...	...	.85	...	.14	...	1.01	.05	.83	.09	...	...	...	.42	...	.01	...	9.84
Hope	Red	...	2.90	1.30	.02	...	...	...	...	1.30	.25	1.16	...	T.	...	...	...	...	...	...	...	.15	...	1.60	...	...	1.60	...	...	...	...	...	10.28
Hot Springs	Onachita	T	.20	2.40	...	...	...	...	...	1.30	.85	...	...	1.10	...	...	...	...	...	...	...	1.90	...	.69	...	...	T.	...	...	...	...	...	8.44
Index	Red	.23	1.35	.07	.04	...	...	.02	T.	1.20	.70	.52	.53	.65	.01	.03	...	...	...	...	...	...	.33	.62	.37	...	T.	T	.03	...	...	...	6.70
Jonesboro	White	...	...	.51	1.82	.04	...	.03	...	.93	...	.15	...	1.48	.55	...	...	.83	.04	...	...	2.42	...	.66	...	.33	.07	...	.10	1.06	...	...	11.02
Lead Hill	White	.05	...	1.25	.14	.08	...	...	.73	1.52	.08	...	3.35	.99	...	...	.01	.85	...	T.	.70	2.17	1.04	...	.18	T.	T.	.04	.67	...	.68	...	14.53
Little Rock	Arkansas	.13	.68	1.03	.02	.02	...	...	T.	1.50	.72	.04	...	1.05	...	...	...	T.	...	...	...	.82	.56	.09	.01	...	T.	T.	.02	...	.03	...	6.72
Lurten	White	...	...	.83	.25	.01	...	...	...	.55	.09	.05	1.10	1.91	.01	...	.02	.70	...	...	1.15	1.66	.58	1 00	...	...	...	.20	.55	...	.06	...	10.72
Lutherville	Arkansas	...	...	1.07	.12	T.	...	...	T.	.70	.11	.06	T.	3.76	...	...	...	.32	...	...	.90	1.20	.02	.62	.20	...	...	.10	.23	...	T.	...	9.41
Magnolia	Red	...	.50	3.21	.11	.01	...	...	...	1.75	.15	1.26	...	.08	...	...	.01	...	...	...	...	.20	...	1.10	.01	...	...	...	...	...	...	...	8.39
Malvern	Ouachita	...	.34	1.69	.61	...	...	...	...	.50	.50	.50	.15	...	.16	...	...	...	...	...	...	1.37	...	.90	...	...	...	...	.09	.01	...	...	6.82
Mammoth Spg.	White	1.20	1.47	...	...	.23	1.68	...	.31	...	2.06	.27	...	...	1.51	...	...	...	2.63	...	...	1.12	...	.03	...	.05	.04	...	.53	...	.26	...	13.89
Marianna	Mississippi	...	.14	...	.44	...	...	...	...	.70	...	.92	...	1.08	...	...	04	.60	...	...	...	.16	...	.86	.28	...	...	...	...	...	...	...	5.22
Marked Tree	Mississippi	...	T.	.08	2.75	.02	...	...	.40	.10	.10	...	...	.07	1.11	...	...	.43	.10	...	...	.59	...	1.31	.47	...	...	...	.19	.23	...	...	7 95
Marshall	White	.08	...	1.40	.30	...	T.	...	T.	1.05	.06	.64	...	3.64	...	...	...	3.33	...	...	1.02	1.50	.37	1.95	.54	T.	...	.10	.55	...	.18	...	16.71
Mena	Ouachita	...	.02	.70	1.15	.01	...	...	...	1.08	.14	.13	.04	.18	1.23	...	...	...	...	...	...	.95	.13	.25	...	...	.01	T.	.02	.07	...	...	6.11
Morrillton	Arkansas	...	...	.35	.55	...	...	...	...	1.15	...	.21	...	1.05	1.95	...	...	...	...	...	...	1.05	...	.60	.30	...	...	...	.12	.10	...	...	7.43
Mountain Home	White	...	...	2.73	.08	...	...	...	.58	1.30	T	.15	3.00	.50	...	...	...	1.40	...	1.60	...	2.30	...	...	...	...	T.	...	...	...	1.40	...	15.04
Mount Ida	Ouachita	...	...	2.90	.38	...	...	...	...	.98	.24	...	...	.46	...	...	...	...	...	...	...	.60	...	1.48	...	...	...	...	...	...	...	...	7.04
Newport	White	.09	.02	1.04	3.12	.02	...	...	...	.60	.07	.31	...	1.66	1.57	...	...	.94	...	...	...	.84	...	1.02	.06	...	...	...	.05	.06	.02	...	11 49
Osceola	Mississippi	.15	.20	1.40	10	.05	...	...	.55	.15	1.20	...	.76	1.52	...	...	.70	...	...	...	.62	...	.40	.30	...	.20	...	...	.05	.75	...	...	9.10
Ozark	Arkansas	...	...	.18	1.20	...	...	...	1.05	...	.08	T.	...	2.30	.87	...	...	.21	...	...	...	.27	...	2.05	.70	.12	...	T.	...	.22	...	...	9.25
Paragould	Mississippi	.20	...	1.40	1.45	...	.04	.20	.60	1.45	...	T.	...	2.55	.10	...	...	.83	T	...	...	2.72	...	1.15	...	...	...	1.	.72	...	.50	...	13.91
Patterson	White	...	.11	1.16	2.00	...	...	...	...	.88	...	.28	...	...	.68	...	...	1.15	...	...	...	.91	...	1.42	.22	...	...	...	.98	.12	...	...	9.91
Piggott	Mississippi	T.	...	2.40	1.43	.04	...	...	.38	1.53	.02	.40	...	1.94	...	...	...	.75	.07	...	.36	.46	.12	.39	.10	.05	T.	.04	.61	.01	.76	...	11.86
Pine Bluff	Arkansas	.07	1 58	.95	1.47	.02	...	...	...	.65	.65	.80	.57	T.	.80	...	...	...	...	...	...	1.02	...	.59	T.	.16	...	T.	T.	...	T.	...	9.38
Pocahontas	White	...	...	2.70	.85	...	...	...	.27	2.16	...	.20	...	2.91	...	...	...	2.05	...	...	1.32	2.38	.05	1.03	.40	...	...	...	.58	...	.26	...	17.61
Portland	Ouachita	...	...	.22	.24	.20	...	...	...	...	.36	.46	.81	.03	.90	...	...	...	...	...	...	...	.03	1.03	...	.06	...	...	...	...	...	...	...	4.34
Prescott	Ouachita	3.44	.98	1.43	.02	...	...	...	...	.81	.61	1.84	...	.29	...	...	...	...	...	...	...	51	...	.49	...	...	.66	...	...	...	...	...	11.08
Princeton	Ouachita	...	4.52	.10	...	...	...	...	...	.17	1.08	1.01	.07	...	...	...	...	...	...	...	.63	...	...	1.68	...	.50	...	...	...	...	...	...	9.76
Rison	Ouachita	...	1.30	1.10	1.38	...	...	...	...	...	1 20	2.05	.55	...	1.11	...	...	...	...	...	...	.40	...	1.20	...	...	...	...	...	...	...	...	...	10.29
Rogers	White	.66	...	.52	.38	.13	...	...	T.	.54	...	...	2.20	.45	...	.31	.37	.76	...	...	1.33	.13	1.36	...	...	.21	T.	.02	.25	...	.92	...	10.54
Searcy	White	.10	...	1.00	3.05	.10	...	...	...	.82	...	.53	...	.50	.94	...	...	1.00	...	...	...	1.05	...	.56	.28	...	...	...	.05	.08	...	...	10.06
Springbank	Red	...	...	2.00	.51	.26	...	...	...	...	1.82	1.65	...	...	.82	T.	...	...	...	...	...	T.	.67	.75	.31	T.	T.	.03	T.	...	...	...	8.82
Story	Ouachita	...	...	...	1.98	...	...	...	...	.42	.38	.10	.12	.74	...	...	...	...	...	...	2.20	...	.75	...	...	.20	.08	.06	.05	...	...	...	7.08
Stuttgart	Arkansas	...	.17	.42	...	...	...	...	.25	1.22	1.10	.19	...	.71	...	...	...	.28	...	...	.28	..	1.26	.04	.03	...	...	...	...	...	...	...	5.67
Subiaco	Arkansas	...	...	.95	.10	...	...	...	...	1 05	.01	.01	...	4.87	...	...	...	.18	...	...	T.	.95	T.	1.95	.15	.02	T.	.01	.41	...	...	...	10.66
Texarkana	Red	...	...	1.65	.10	.05	...	...	...	...	2.43	1 28	.83	...	...	...	...	...	...	...	...	...	.25	.52	.62	...	...	...	...	...	...	...	7.73
Thornburg	Arkansas	T.	...	1.80	.15	...	...	...	...	1.30	.12	.12	...	1.74	...	...	...	.01	...	...	T.	1.51	T.	1.45	1.57	...	T.	.12	.20	...	...	...	10.09
Waldron	Arkansas	...	T.	1.23	.57	T.	...	...	...	1.13	.04	.14	...	1.84	...	...	...	T.	...	...	...	.23	T.	.47	.03	...	T.	T.	.02	...	...	...	5.70
Warren	Ouachita	T.	.71	1.30	T.	...	...	...	T.	.95	T.	1.25	...	.30	...	...	T.	...	...	...	.20	...	.75	...	...	...	T.	...	...	...	...	...	5.46
Waters	Ouachita	.98	...	2.52	.55	...	...	...	...	1.59	.75	...	...	1.50	...	...	...	...	...	...	...	.60	...	.49	...	...	...	...	...	...	...	...	8.98
Whitecliffs	Red	...	1.52	1.42	T.	...	...	...	...	1.18	1.00	.38	.22	.21	T.	...	...	...	...	...	...	T.	T.	.42	...	...	...	...	...	...	...	...	6.35
Wilson	Mississippi	.30	...	...	1.00	.25	...	...	...	.26	.50	...	.10	1.10	...	...	...	...	1.60	...	...	...	...	.50	...	...	...	...	.25	...	.90	...	6.76
Wynne	Mississippi	...	T	.18	1.40	.03	...	...	...	.40	.37	.11	...	...	1.11	...	...	.70	.20	...	...	1.35	...	1.21	1.37	...	...	...	.65	.05	...	...	9.13
Yancopin	Arkansas	T	1.00	1.82	.22	.03	...	...	...	.75	.87	.24	.03	1.04	...	...	...	...	T.	...	...	.12	.02	1 14	...	...	T.	...	...	...	...	...	6.78

Precipitation for 24 hours ending near sunset unless otherwise indicated. * For 24 hours ending midnight. || For 24 hours ending 7 a.m. T. Trace, or less than 0.01 inch.**
*** Precipitation indicated in the next following measurement.**

Daily Temperatures for June, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	90	81	94	80	73	84	87	93	85	73	88	92	80	81	86	85	96	96	100	100	90	91	83	87	80	83	85	86	91	91		87.0
	Minimum	66	69	66	68	56	50	62	71	65	66	66	70	63	58	60	68	73	70	76	81	76	70	65	63	50	56	54	56	73	70		65.2
Batesville§§	Maximum	82	82	66	69	69	77	82	83	77	74	79	84	74	80	83	83	85	87	87	86	86	83	83	81	75	79	78	81	89	78		80.1
	Minimum	61	60	59	60	59	49	54	58	60	61	62	63	64	56	59	62	64	68	75	76	67	65	64	63	62	53	57	63	75	68		62.2
Bentonville	Maximum	72	76	67	68	60	75	82	84	78	65	78	74	68	77	73	80	82	87	84	83	84	82	83	72	71	75	76	79	82	81		76.6
	Minimum	64	57	57	54	50	48	57	57	63	59	59	64	57	52	62	61	61	73	74	66	64	62	59	59	56	56	58	67	71	67		60.8
Bee Branch	Maximum	84	81	80	76	75	78	84	84	84	75	77	83	82	82	81	82	85	87	87	88	85	87	85	80	78	77	76	82	87	86		81.9
	Minimum	62	62	59	58	56	50	56	68	61	60	60	67	61	54	60	63	63	73	72	62	65	55	62	61	57	53	57	66	72	70		61.5
Blytheville	Maximum	84	80	80	83	76	75	80	84	81	79	78	87	76	81	84	87	87	88	90	88	84	85	82	86	76	79	81	85	86	84		82.5
	Minimum	68	65	65	63	68	55	55	68	64	62	64	68	64	61	60	66	67	65	71	69	67	69	65	66	64	57	62	69	67	66		64.7
Booneville	Maximum	85	85	76	78	74	82	96	86	83	77	81	83	81	84	81	84	89	88	88	89	89	88	84	80	76	76	76	86	91	89		83.5
	Minimum	65	68	63	63	58	50	64	74	64	66	64	70	64	59	64	67	73	76	79	76	67	70	66	65	58	56	61	70	71	74		66.0
Brinkley	Maximum	91	84	80	85	76	80	86	88	85	75	83	87	86	84	86	87	87	90	90	90	85	88	88	85	82	79	81	86	89	88		85.0
	Minimum	64	68	67	67	65	53	57	71	64	63	65	68	64	63	62	67	68	74	73	72	67	67	65	64	60	55	63	70	75	74		65.8
Calico Rock§§	Maximum	78	79	63	71	69	81	84	93	79	71	78	84	74	83	83	83	86	90	90	86	90	86	84	81	74	82	79	82	89	79		81.0
	Minimum	64	59	59	57	57	47	54	59	63	62	63	62	64	60	62	61	63	65	73	73	65	66	67	61	60	55	59	62	70	68		62.0
Camden§§	Maximum	91	84	82	79	74	82	87	90	77	75	82	88	84	83	87	86	90	90	91	91	86	88	80	84	82	77	83	88	91	91		84.8
	Minimum	68	60	68	68	61	52	61	70	74	65	67	67	73	64	66	65	67	75	75	76	67	68	64	65	59	58	61	65	73	74		66.8
Center Point	Maximum	91	88	85	78	73	85	87	88	86	77	79	85	83	85	85	83	89	89	89	89	92	87	88	84	85	82	72	79	89	92	91	84.9
	Minimum	70	68	67	65	55	54	65	71	65	67	67	69	63	60	66	67	73	73	74	76	67	72	65	63	58	58	63	73	72	75		66.7
Conway	Maximum	88	84	80	80	74	82	86	88	85	76	81	86	85	82	83	84	88	91	91	90	88	90	83	82	78	80	75	86	91	88		84.2
	Minimum	65	66	63	63	60	51	61	72	64	64	65	69	63	59	64	67	65	64	75	77	67	69	64	62	62	57	61	69	75	74		65.2
Corning	Maximum	81	80	70	73	70	72	80	82	78	74	76	78	76	83	84	85	84	88	89	83	83	81	84	81	82	80	83	80	86	86		80.4
	Minimum	65	61	57	58	63	53	51	67	64	61	64	67	61	61	63	63	61	67	75	68	68	61	64	64	60	56	60	67	75	56		62.7
Dardanelle	Maximum	87	82	79	81	77	83	88	88	87	75	83	87	84	83	85	86	90	95	93	91	88	93	86	83	79	80	75	87	93	90		85.3
	Minimum	65	66	68	61	59	52	62	70	65	67	63	70	63	58	65	67	68	75	75	77	67	72	65	62	61	58	62	70	75	76		66.0
Dumas	Maximum	90	83	81	87	76	80	88	84	76	89	82	83	89	84	86	85	88	90	90	92	85	92	85	85	82	78	85	88	90	93		85.5
	Minimum	70	68	68	69	66	54	62	69	69	64	66	68	63	63	64	66	67	74	73	72	67	73	69	63	66	60	57	61	72	74	74	66.6
Dutton	Maximum	72	76	70	71	67	75	80	80	76	68	72	72	69	80	78	76	80	83	83	80	82	84	83	73	69	73	72	76	81	78		76.0
	Minimum	58	52	56	56	52	40	48	68	58	58	59	65	57	56	55	55	59	70	71	65	60	61	56	56	52	46	51	64	63	68		57.8
El Dorado	Maximum	89	86	83	80	74	84	90	92	86	79	81	90	83	81	88	88	91	91	92	93	89	88	82	84	83	79	85	90	92	90		86.1
	Minimum	71	70	69	68	63	56	64	72	66	67	67	71	70	65	70	65	71	76	76	78	70	73	66	66	62	61	65	74	73	75		68.7
England	Maximum	91	85	78	83	75	81	86	87	78	75	82	87	84	80	85	85	88	89	90	90	84	90	84	..	86	80	83	85	91	92		84.6
	Minimum	66	68	68	69	60	53	62	70	64	65	65	69	62	62	63	66	72	74	72	75	67	69	64	..	60	55	62	70	75	75		66.3
Eureka Springs	Maximum	73	79	71	66	64	76	81	83	79	72	77	73	70	80	76	79	82	86	84	82	85	80	83	76	71	75	75	78	85	80		77.4
	Minimum	61	58	55	54	53	49	56	64	60	60	58	65	58	53	61	60	61	70	73	64	62	62	60	59	56	56	57	64	72	68		60.3
Fort Smith	Maximum	78	83	73	78	67	81	88	88	81	73	80	77	72	81	80	84	89	91	89	90	87	90	84	76	74	73	77	87	91	89		81.7
	Minimum	68	64	62	59	56	53	64	76	65	65	64	66	65	59	67	67	71	78	79	78	69	69	68	64	60	61	63	69	73	76		66.5
Grannis	Maximum	89	81	80	79	70	82	84	85	81	77	80	83	80	84	83	82	86	82	86	89	86	86	79	88	79	75	77	86	88	88		82.5
	Minimum	60	66	65	62	52	47	57	66	67	65	65	66	62	56	61	62	72	72	69	74	65	69	65	60	54	53	61	72	68	69		63.4
Gravette	Maximum	74	77	71	67	65	76	78	84	83	79	69	73	73	79	77	80	83	86	86	83	84	82	84	81	75	75	76	80	83	83		78.1
	Minimum	61	58	57	54	53	46	46	58	56	62	61	63	60	51	61	62	60	74	71	64	63	61	60	59	54	58	59	67	70	67		59.9
Harrison	Maximum	74	85	60	..	81	92	..	87	85	69	77	79	68	..	..	..	..	95	91	89	96	93	92	77	74	84	80	80	89	80		82.4
	Minimum	58	55	53	..	45	53	..	42	60	58	60	60	54	..	..	..	..	59	73	64	64	63	60	58	56	52	55	63	68	64		58.2
Helena	Maximum	90	85	80	84	75	78	85	86	78	76	78	88	86	89	86	87	87	89	88	91	85	89	83	85	79	80	83	87	89	90		84.5
	Minimum	68	67	68	70	65	53	60	68	64	64	67	69	62	63	67	68	67	74	74	74	68	67	64	65	59	54	62	72	75	74		66.4
Hope	Maximum	96	84	85	77	77	85	92	91	80	75	82	90	85	86	90	89	93	93	95	95	89	93	79	85	83	80	82	91	95	94		87.7
	Minimum	68	66	65	66	57	52	62	70	64	65	65	68	66	61	67	68	72	74	75	75	68	71	65	65	60	58	62	70	71	74		66.5
Hot Springs	Maximum	90	80	79	79	73	83	89	89	84	84	84	87	84	86	85	86	90	90	91	93	88	90	83	84	80	79	80	86	90	91		85.2
	Minimum	63	68	66	65	57	51	61	69	65	66	64	66	64	57	62	62	72	75	72	74	66	68	63	63	57	55	59	73	72	72		64.9
Jonesboro	Maximum	87	81	73	77	74	76	83	83	82	73	81	86	80	82	84	86	86	89	89	87	85	87	84	81	75	79	81	83	87	81		82 5
	Minimum	65	64	55	60	63	53	53	69	63	62	62	63	62	58	63	65	65	75	76	76	65	67	63	65	62	58	59	67	75	66		64.0
Lead Hill	Maximum	78	83	72	64	64	78	86	89	83	75	80	80	68	84	83	84	87	92	91	85	90	84	86	76	74	81	79	83	88	80		80.9
	Minimum	63	58	57	55	56	45	52	62	62	60	59	65	62	59	60	60	63	71	70	65	64	64	62	5-	56	51	55	64	66	62		60.2
Little Rock	Maximum	89	81	81	80	68	81	86	87	79	72	82	87	85	82	83	84	88	90	90	90	85	89	82	84	77	77	79	86	89	89		83.4
	Minimum	65	68	66	66	57	53	63	71	64	66	65	70	61	62	65	68	68	75	74	76	66	63	63	64	63	59	65	72	74	75		66.2
Lurton	Maximum	74	74	65	71	63	73	78	79	74	64	70	74	68	75	76	74	79	82	82	79	81	81	80	72	70	..	69	..	82	74		71.4
	Minimum	62	59	54	54	58	46	56	65	58	58	59	60	58	55	60	62	68	69	70	64	61	58	57	57	53	..	56	..	63	68		59.6
Lutherville	Maximum	81	82	73	79	72	80	86	85	80	73	76	79	79	82	81	83	87	88	87	88	85	89	82	77	74	75	71	80	89	81		80.8
	Minimum	65	62	60	59	56	49	60	69	63	68	63	68	59	55	64	66	65	73	74	68	65	69	63	60	57	55	59	67	71	73		63.3
Magnolia	Maximum	..	..	81	80	72	82	88	90	86	83	85	89	87	81	87	89	90	89	90	90	89	89	87	81	81	78	84	89	91	93		85.8
	Minimum	..	..	58	66	60	55	68	71	65	65	68	69	70	64	68	65	74	75	74	74	69	73	66	65	61	59	64	74	65	74		67.1
Malvern	Maximum	91	85	84	83	73	84	89	90	85	74	85	88	85	87	87	85	89	91	91	93	88	89	84	88	83	80	82	89	91	94		86 2
	Minimum	65	67	67	67	59	49	62	71	66	66	66	70	66	61	62	68	74	75	73	75	67	69	64	65	58	55	60	74	74	73		66.3
Mammoth Spg	Maximum	76	68	66	69	71	78	84	78	65	74	84	77	81	82	82	81	90	91	81	85	83	82	80	71	80	79	81	79	89	81		78.9
	Minimum	60	56	55	61	49	46	64	63	60	58	60	62	55	59	60	63	76	74	65	65	65	62	60	57	52	55	58	72	63	65		60.6
Marianna	Maximum	91	83	83	84	76	79	83	89	85	75	76	86	84	80	84	85	87	88	90	90	90	85	88	83	84	84	78	79	85	90	87	84.0
	Minimum	68	69	69	68	66	55	59	69	65	67	66	70	64	64	66	68	68	68	75	75	68	70	65	64	64	58	66	73	76	75		67.2
Marked Tree§§	Maximum	84	77	84	75	77	81	82	81	71	79	87	77	83	85	87	84	88	89	90	85	86	82	83	77	80	81	84	87	89	92		82.6
	Minimum	65	64	62	63	52	53	50	50	54	56	67	64	58	61	64	68	66	74	75	66	66	63	64	61	58	60	65	71	68	66		62.4
Marshall	Maximum	80	76	72	71	67	76	87	84	82	75	75	80	79	80	80	79	83	87	86	83	88	85	83	78	72	77	79	80	86	83		79.8
	Minimum	62	59	57	56	56	45	56	64	61	62	60	69	62	55	59	60	62	74	75	65	65	68	62	60	56	52	56	66	70	69		61.4
Mena	Maximum	88	82	79	76	70	83	87	85	79	73	80	80	78	85	85	86	88	89	87	91	88	89	80	80	76	77	74	85	89	91		82.7
	Minimum	67	66	65	63	55	49	59	71	63	64	65	69	62	57	65	64	73	72	75	75	65	70	65	62	58	55	59	70	70	72		64.8
Morrilton§§	Maximum	88	84	74	80	66	81	85	87	77	73	80	85	82	81	82	83	86	88	88	89	89	88	84	80	77	79	78	84	89	89		82.5
	Minimum	65	65	63	62	59	53	59	64	65	65	63	64	66	60	61	66	66	68	75	77	67	70	64	64	62	59	61	67	73	74		64.9
Mountain Home	Maximum	76	73	80	63	68	70	83	86	79	72	76	80	68	81	82	82	85	89	81	88	82	84	78	71	78	76	78	77	79	80		78.2
	Minimum	63	61	54	54	55	60	49	61	62	59	58	60	60	53	60	61	63	72	63	64	62	63	58	52	56	57	55	56	65	62		59 3
Mount Ida	Maximum	89	79	80	78	71	85	87	88	87	69	80	86	81	81	84	84	86	85	89	91	87	88	82	83	80	77	76	84	87	92		83.2
	Minimum	62	66	66	65	53	47	59	62	69	65	65	68	63	57	61	63	64	63	67	76	64	67	62	62	58	52	57	72	73	70		65.3
Newport	Maximum	91	88	78	77	72	80	84	84	83	75	83	86	82	86	87	85	87	90	91	88	87	87	86	85	79	86	83	85	89	85		84 3
	Minimum	66	64	61	60	62	52	55	70	63	63	62	68	63	60	65	66	65	75	74	69	66	69	64	64	63	59	62	68	75	68		64.7
Osceola	Maximum	..	..	..	..	..	82	81	84	75	76	87	85	73	81	85	87	83	85	87	90	91	84	87	86	83	79	79	80	83	82	87	83.1
	Minimum	65	62	63	65	54	53	61	64	63	64	68	65	59	64	66	67	67	75	76	67	69	68	65	63	60	58	60	69	71	68		64.6
Ozark§§	Maximum	93	85	71	79	76	83	88	..	79	..	..	80	73	83	82	84	88	90	89	89	83	88	90	84	80	..	76	..	84	91	89	83.5
	Minimum	62	64	63	61	59	50	62	64	..	65	..	..	64	55	65	68	69	71	75	75	66	67	61	62	58	.	57	..	68	77		64.4
Pine Bluff	Maximum	97	88	80	83	73	84	91	90	82	75	85	91	85	86	88	87	90	93	94	93	88	91	85	86	84	81	87	88	95	92		87.1
	Minimum	70	69	69	70	65	55	65	72	67	67	67	69	64	64	65	67	71	75	75	76	68	71	65	67	63	58	64	75	75	76		68.2
Pocahontas	Maximum	84	83	80	74	72	78	81	83	81	78	80	85	79	84	85	85	84	87	88	86	83	86	82	83	77	82	80	81	87	87		82.2
	Minimum	64	62	57	56	61	52	49	65	64	62	61	67	63	56	63	64	65	75	72	69	66	67	62	64	60	55	60	67	74	65		62.6
Portland	Maximum	93	85	83	88	77	85	91	92	87	84	85	91	90	78	88	88	92	93	94	94	87	93	85	88	86	79	85	91	97	95		88.1
	Minimum	70	68	69	70	67	55	60	66	73	65	68	69	74	64	68	64	72	73	74	74	72	72	64	72	61	60	63	72	72	74		68.2
Prescott	Maximum	95	81	83	77	72	84	90	90	86	77	82	89	85	85	86	89	92	91	93	94	90	89	86	82	82	78	82	90	94	96		86.3
	Minimum	72	68	70	69	58	53	61	72	64	63	68	70	72	62	70	73	74	72	70	77	68	64	66	62	60	58	61	67	72	74		67 0
Rison	Maximum	92	83	79	82	77	82	89	..	89	77	84	89	86	83	87	84	89	90	91	92	89	90	86	85	83	78	86	96	93	93		86.3
	Minimum	71	68	68	70	64	53	63	..	65	66	65	69	63	63	64	65	73	74	74	74	68	71	64	66	58	52	61	75	73	74		66 7
Rogers	Maximum	77	77	78	69	64	75	83	86	79	71	81	77	69	77	84	83	83	88	88	82	86	83	85	84	76	77	77	79	85	81		79 5
	Minimum	62	56	56	53	54	46	63	66	61	62	58	64	56	55	59	61	61	72	73	60	63	63	58	69	55	52	57	67	69	70		60.7
Searcy	Maximum	88	85	77	78	73	80	84	85	82	73	78	85	82	81	82	85	84	88	89	90	83	86	85	83	78	80	78	83	89	84		82.6
	Minimum	63	64	61	62	61	50	57	79	62	63	64	67	65	57	62	65	66	67	73	76	66	67	63	62	59	54	61	68	74	72		64.3
Stuttgart	Maximum	91	84	79	89	75	80	87	89	83	75	83	88	85	82	85	86	89	87	91	91	86	90	84	85	80	79	84	87	89	90		85.1
	Minimum	67	68	68	69	64	54	60	69	64	65	64	68	62	63	62	67	72	73	73	74	67	70	63	63	60	56	63	71	74	73		66.2
Subiaco	Maximum	85	85	78	79	73	80	87	88	83	75	79	83	81	82	82	83	88	91	89	91	86	91	85	78	74	74	72	85	89	88		82.7
	Minimum	65	63	62	61	58	51	62	72	64	65	63	69	61	58	64	65	69	75	78	77	66	70	63	63	64	57	61	67	73	75		65. 4
Texarkana	Maximum	96	92	87	78	75	88	90	91	83	78	84	90	84	88	92	91	95	93	93	95	90	92	84	86	84	83	84	91	96	95		88.2
	Minimum	70	71	67	65	56	54	64	63	74	65	66	70	74	62	68	68	72	74	78	77	76	73	69	64	60	60	64	73	73	75		68 2
Thornburg	Maximum	84	81	83	81	79	80	83	85	86	71	78	83	81	80	82	81	88	86	87	89	86	87	82	80	75	74	75	84	88	87		82.2
	Minimum	60	69	62	59	55	45	58	62	62	58	62	68	59	63	56	57	59	74	74	73	64	65	60	58	56	49	54	68	74	70		61.8
Wilson	Maximum	91	82	82	84	78	68	76	84	80	76	75	85	78	82	86	87	86	87	89	91	87	85	82	82	78	80	81	84	87	82		82.5
	Minimum	66	64	60	62	68	53	52	64	70	62	64	67	66	58	63	65	65	74	74	75	65	60	63	62	60	55	58	60	71	65		62.7
Wynne	Maximum	89	84	77	86	76	77	84	86	81	75	80	87	87	82	85	88	85	88	89	88	85	87	82	83	75	82	80	84	89	83		83.5
	Minimum	66	65	68	63	64	52	54	68	63	63	65	65	65	59	62	67	61	70	74	71	66	67	63	65	59	54	60	70	75	70		64.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., JULY, 1928 No. 7

GENERAL SUMMARY

Near normal conditions prevailed in Arkansas during the month of July. The mean temperature for 60 stations was 80 3° which is 0.3° above normal and the average precipitation for 90 stations was 3.66 inches which is 0.16 inch below normal. Monthly means ranged from 84.2° at Warren to 73 5° at Dutton, a difference of 10.7° between the northwestern and the southeastern sections of the State. Extremes ranged from 102° at Hope on the 23d to 52° at Dutton on the 14th. Daily means were generally normal or above the first decade of the month, the highest occurring early in the month in practically all sections of the State. There was a cool wave over the State about the middle and the closing days of the month, the lowest occurring in most sections about the 14th or the 28th. Practically no rain fell during the first week but thereafter showers were frequent and while the geographical distribution was somewhat irregular the heavier totals were mostly confined to the southwestern fourth of the State and the lighter to the northeastern. Monthly totals ranged from 9.84 inches at Waters to 0.46 inch at Gilbert. Eleven stations reported monthly totals of 7.00 inches or over, ten of these being in the southwestern counties, Mammoth Spring with 7.44 inches and Gravette with 6.37 inches being the only station north of the Arkansas river with heavy rainfall. The greatest amount measured in 24 consecutive hours was 5.80 inches at Waters on the 16th. Mammoth Spring measured 5.10 inches on the 8th. The average number of days with 0 01 inch or more precipitation was 8.

The dry weather the first of the month was very favorable for cotton, cultivation progressing rapidly. Many fields were cleaned, but in the lowlands many fields were still grassy at the close of the month. The crop as a whole made very good progress and was blooming throughout the State at the close of the month. Corn, where cultivated, made excellent progress in the lowlands, but in the hill sections of the State it was too dry. Peaches, melons, and cantaloupes were being marketed the latter part of the month. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 1; 4th, 1; 6th, 1; 7th, 11; 8th, 21; 9th, 3; 11th, 19; 12th, 34; 13th, 7; 15th, 20; 16th, 20; 17th, 25; 18th, 32; 19th, 29; 20th, 23; 21st, 22; 22d, 32; 23d, 18; 24th, 4; 25th, 15; 26th, 29; 27th, 32;28th, 8;29th, 21; 30th, 22; 31st, 8.

SOLAR HALOS:---7th, 1; 11th, 1; 15th, 1; 24th, 1.

AURORA:----------7th, entire State.

DENSE FOG:------1st, 1; 9th, 1; 14th, 1; 17th, 2; 20th, 1; 27th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.00	30.21	29	29.78	20	3,083	26	w.	21	.....	.....	83
Fort Smith	29.97	30.17	29	29.83	20	4,048	28	se.	7	84	61	73
Little Rock.	30.00	30.21	30	29 86	20	4,279	24	w.	22	81	64	69
Memphis.	30.00	30.22	30	29.85	13	4,185	28	sw.	22	82	63	79

COMPARATIVE DATA FOR JULY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**80.0**		**I6**		**40**		**3.82**		**I5**	**II**	**5**	**8**
1891	76.5	−3.5	103	22	50	9	7.24	+3.42	13	8	10	10
1892	79.0	−1.0	104	19	52	4	3.58	−0.24	10	11	10	10
1893	80.9	+0.9	103	28	59	19	2.94	−0.88	17	11	3	6
1894	78.4	−1.6	108	1	51	24	3.98	+0.16	17	9	5	6
1895	78.9	−1.1	104	19	55	9	7.34	+3.52	12	10	9	12
1896	83.4	+3.4	110	31	52	9	1.61	−2.21	16	11	4	4
1897	82.4	+2.4	109	30	50	13	3.25	−0.57	16	11	4	5
1898	79.9	−0.1	105	22	50	11	4.25	+0.43	12	13	6	8
1899	79.0	−1.0	100	16	52	10	5.14	+1.32	15	11	5	8
1900	79.7	−0.3	102	3	51	28	4.46	+0.64	10	15	6	9
1901	83.7	+3.7	116	12	50	10	2.49	−1.33	15	13	3	6
1902	79.4	−0.6	105	16	50	21	4.49	+0.67	14	12	5	6
1903	79.6	−0.4	105	9	53	13	3.86	+0.04	13	12	6	9
1904	77.9	−2.1	104	20	49	24	4.43	+0.61	13	13	5	10
1905	76.7	−3.3	106	14	51	4	7.60	+3.78	10	13	8	13
1906	76.7	−3.3	99	22	48	3	5.96	+2.14	13	9	9	10
1907	81.4	+1.4	108	23	53	4	1.96	−1.86	21	8	2	4
1908	79.2	−0.8	103	16	48	4	3.00	−0.82	15	12	4	8
1909	81.9	+1.9	106	31	50	21	2.51	−1.31	19	9	3	5
1910	79.4	−0.6	105	29	41	18	5.46	+1.64	15	12	4	10
1911	78.4	−1.6	106	3	43	25	4.83	+0.01	9	14	8	11
1912	81.3	+1.3	104	25	56	1	2.82	−1.00	15	13	3	6
1913	81.5	+1.5	104	6	55	21	4.31	+0.49	13	14	4	8
1914	82.6	+2.6	107	14	54	31	2.69	−1.13	11	15	5	7
1915	77.1	−2.9	107	30	43	5	2.40	−1.42	20	7	4	5
1916	82.8	+2.8	106	19	55	9	2.09	−1.73	19	9	3	6
1917	79.6	−0.4	106	1	50	4	5.10	+1.28	15	9	7	8
1918	79.6	−0.4	111	25	49	1	1.53	−2.29	19	7	5	4
1919	81.2	+1.2	104	11	54	18	1.91	−1.91	19	8	4	5
1920	79.8	−0.2	105	24	52	9	4.22	+0.40	15	10	6	7
1921	82 0	+2.0	107	4	54	23	2.42	−1.40	19	8	4	6
1922	80.2	+0.2	106	31	48	5	4 12	+0.30	14	11	6	7
1923	79.9	−0.1	105	24	48	1	3.53	−0.29	16	9	6	6
1924	79.0	−1 0	110	23	40	1	2.35	−1 47	18	8	5	5
1925	81.8	+1.8	109	16	47	3	4.99	+1.17	11	11	9	10
1926	79.8	−0.2	109	4	42	15	3.55	−0.27	17	9	5	8
1927	79 6	−0.4	104	11	49	4	2.25	+0.43	17	9	5	6
1928	80.3	+0.3	102	23	52	14	3.66	−0.16	17	8	6	8

Corrections: June, 1928

Blytheville, date of highest temperature should be 6†. Harrison, lowest temperature should be 42° on 8th. Pocahontas, highest temperature should be 88° on 19th, greatest 24 hour precipitation 2.91 inches.

Climatological Data for July, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	750	33	80.4	+0.3	98	10†	64	15	29	2.17	−1.79	0.60	0.0	7	12	12	7	sw.	G. C. Thrash
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	4.71	+0.96	1.44	0.0	11	20	6	5	s.	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	2.13	−1.68	0.73	0.0	6	16	9	6	.....	Carl R. Cutting
Arlberg	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	1.98	.....	0.68	0.0	4	15	15	1	ne.	J. D. Reeves
Batesville	Independence	277	29	79.2	−0.6	95	1	58	29	32	1.99	−1.34	1.46	0.0	7	25	5	1	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	80.0	0.0	97	4	62	14	30	1.67	−2.04	0.85	0.0	5	12	12	7	s.	J. E. Scanlan
Bentonville	Benton	1303	23	77.2	−1.3	93	20	62	28	26	3.15	−1.16	0.71	0.0	12	23	7	1	s	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	1.40	−2.49	0.66	0.0	5	25	1	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	3	81.0	.....	96	5	62	29	25	2.27	.....	0.57	0.0	7	18	15	3	w.	W. Ebner
Booneville	Logan	465	14	80.2	−0.9	97	4†	63	10	32	7.65	+4.54	2.92	0.0	11	15	10	6	s.	F. H. Randolph
Brinkley	Monroe	205	41	80.6	−0.2	96	3†	63	30	29	2.11	−1.98	0.58	0.0	8	19	7	5	sw.	R. J. Torry
Calico Rock	Izard	361	24	79.8	+0.3	98	4†	59	29	29	5.38	+1.94	1.88	0.0	12	11	19	1	sw.	W. J. Copp
Camden	Ouachita	158	43	80.6	−0.4	97	4	67	13†	26	7.10	+3.19	1.96	0.0	14	10	7	14	sw.	A. B. Quarterman
Center Point	Howard	470	29	81.6	−0.2	97	3	67	16	25	3.85	−0.75	0.92	0.0	9	14	10	7	sw.	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	2.51	−0.83	1.05	0.0	9	14	4	13	sw.	J. W. Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	0.79	.....	0.39	0.0	3	7	21	3	sw.	A. L. Stephens
Cold Springs	Scott	1250	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	U. S. Forest Service
Conway	Faulkner	309	45	81.2	−0.4	98	4†	66	14	27	3.88	+0.56	1.06	0.0	7	17	12	2	s	E. E. Cordrey
Corning	Clay	293	35	80.0	+1.1	96	21	55	29	32	1.90	−1.57	0.87	0.0	6	23	7	1	sw.	Winfred D. Polk
Corning (river) ..††	Clay	280	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0	..	21	6	4	.....	Henry Stafford
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	3.40	.....	0.95	0.0	10	18	0	13	sw.	T. O. Linck
Crossett	Ashley	175	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	Crossett Lumber Co.
Dam No. 1.....††	White	190	5	.....	.....	.....	.....	.....	.....	.....	4.15	.....	2.20	0.0	5	28	2	1	sw.	T. O. Yingling
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	2.22	−0.92	0.90	0.0	3	20	0	11	s.	C. G. Hudson
Dardanelle	Yell	330	42	82.1	+0.7	101	4	65	13†	29	2.64	−0.89	0.92	0.0	7	11	20	0	sw	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	0.92	.....	0.55	0.0	3	25	0	6	.....	H. G. Tate
Dumas	Desha	162	22	81.2	−0.4	98	4	63	15	30	6.93	+3.51	2.26	0.0	11	5	25	1	w.	Ben Johnson
Dutton	Madison	1590	25	73.5	−2.0	90	3†	52	14	38	0.99	−3.25	0.45	0.0	7	16	11	1	s.	J. M. Ricketts
Eagle Gap	Scott	1000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	U. S. Forest Service
El Dorado	Union	270	27	81.9	+0.4	96	4†	69	13	25	9.23	+5.96	1.89	0.0	13	3	15	13	sw.	J. J. Babb
England	Lonoke	229	21	80.8	−0.5	96	3†	64	14	26	2.43	+0.03	0.51	0.0	9	14	5	9	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	77.2	−0.8	92	20	60	29	26	3.36	−0.59	1.76	0.0	10	16	12	3	sw.	Geo. W. Nichoalds
Evening Shade	Sharp	600	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	.....
Fayetteville.....††	Washington	1451	41	78.0	0.0	95	21	59	14	31	3.00	−1.12	1.20	0.0	8	19	8	4	s	University of Arkansas
Fort Smith	Sebastian	457	47	81.1	−0.4	99	4	66	14	24	2.48	−0.89	1.08	0.0	8	16	10	5	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	1.55	.....	0.58	0.0	8	24	3	4	s.	J. R. McCuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	4.02	+0.61	1.08	0.0	9	19	3	9	..	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	2.85	+0.21	0.95	0.0	6	16	5	10	s	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	0.46	.....	0.18	0.0	6	9	19	3	.....	Ben F. Battenfield
Grannis	Polk	900	9	77.4	.....	94	10	62	9†	30	5.52	.....	1.30	0.0	11	17	8	8	s.	W. E. McVay
Gravette	Benton	1250	31	76.7	−0.5	93	21	60	14	27	6.37	+2.18	2.55	0.0	9	17	9	5	sw.	A. F. Stevens
Harrison	Boone	1052	27	.....	.....	.....	.....	58	29†	.....	1.52	−2.80	0.88	0.0	6	19	8	4	.....	G. L. Wright
Helena	Phillips	250	56	80.9	−0.4	97	3†	64	14	29	5.80	+2.00	1.36	0.0	10	12	3	16	se.	James A. Burnett
Cleburne	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	2.07	.....	0.78	0.0	7	18	10	3	w.	Geo. W. Baker
Higden	Hempstead	377	57	82.8	+2.2	102	23	67	13	32	5.37	+0.85	1.38	0.0	11	15	5	11	s	N. P. O'Neal
Hope	Garland	600	37	80.7	−0.7	98	4	64	14	29	5.97	+1.74	2.35	0.0	10	17	11	3	.....	G. C. Bolton
Hot Springs	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	3.10	.....	1.16	0.0	8	16	3	12	.....	H. G. Sanderson
Index.....††	Garland	750	2	.....	.....	.....	.....	.....	.....	.....	4.05	.....	1.40	0.0	7	..	..	..	.....	U. S. Forest Service
Jessieville	Garland	345	33	81.1	+1.2	97	5†	62	29†	25	1.41	−2.15	0.61	0.0	5	23	6	2	sw.	Benedictine Sisters
Jonesboro	Craighead	182	34	81.5	−0.4	99	3	66	9†	29	7.28	+3.21	2.09	0.0	8	15	9	7	sw.	J. A. Lowderback
Junction	Union	155	5	81.0	.....	96	3†	62	29	27	6.91	.....	2.05	0.0	9	14	10	7	n.	Mrs. D. C. White
Lambrook.....††	Phillips	150	1	78.5	.....	98	3†	58	29	34	1.10	.....	0.59	0.0	5	19	9	3	s.	J. H. Crosswhite
Lead Hill	Boone	650	1	81.0	+0.1	95	4	68	29	25	2.79	−1.20	1.59	0.0	9	14	7	10	sw	U. S. Weather Bureau
Little Rock	Pulaski	357	49	81.0	+0.1	95	4	68	29	25	3.21	.....	2.30	0.0	9	19[d]	6[d]	2[d]	s.	I. C. Sutton
Lurton	Newton	2100	3	75.2[b]	.....	89[b]	20†	62[b]	28†	21[b]	2.16	−1.34	0.53	0.0	10	17	7	7	se.	H. G. Lenhardt
Lutherville.....††	Johnson	775	30	80.0	+0.6	99	4	63	14	32	3.16	−1.34	1.16	0.0	10	17	4	10	s.	State Agri. School
Magnolia	Columbus	315	9	81.4	.....	98	21	65	19	30	8.16	.....	4.16	0.0	13	17	4	10	s.	Mrs. W. L. Matthews
Malvern	Hot Springs	277	41	81.3	+0.3	98	3†	65	14†	28	8.37	+4.92	2.30	0.0	12	17	9	5	s.	W. C. Gregg
Mammoth Spring	Fulton	600	28	78.6	+0.6	96	6	58	13	32	7.44	+3.87	5.10	0.0	6	20	10	1	se.	C. N. Houck
Marianna	Lee	235	16	81.4	+1.2	97	5	66	30	25	3.13	−0.57	0.73	0.0	6	23	3	5	s	Charles Walton
Marked Tree	Poinsett	229	23	81.1	+0.5	98	3	63	28†	25	1.27	−2.13	0.79	0.0	4	17	13	1	sw.	A. J. Parks
Marshall	Searcy	1070	14	78.0	−0.8	94	4†	57	14	32	1.98	−1.29	1.35	0.0	7	14	10	7	s.	E. W. St. John
Mena	Polk	1185	40	78.4	−0.4	97	4	62	14	28	4.84	+0.79	1.60	0.0	10	13	12	6	nw.	John Cook
Morrilton	Conway	347	7	81.2	.....	98	5	66	14	28	2.46	.....	1.08	0.0	6	16	9	6	se.	B. S. Halbert
Mountain Home	Baxter	800	14	78.8[c]	+1.5	95[c]	4†	58[c]	29	29[c]	4.38	−0.04	1.35	0.0	7	14[c]	7[c]	7[c]	s.	B. S. Halbert
Mount Ida	Montgomery	650	29	78.0	−1.5	97	4†	61	10†	36	4.90	+1.38	1.05	0.0	10	17	7	7	sw.	G. A. Whittington
Nashville	Howard	350	1	82.4	.....	95	4†	70	9†	20	7.15	.....	1.20	0.0	10	18	10	3	s.	J. H. Skillern
Newport	Jackson	231	44	82.5	+1.5	99	5†	62	29	30	2.60	−0.56	0.99	0.0	7	21	7	3	n.	A. C. Wilkerson
Norman	Montgomery	750	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	U. S. Forest Service
Oden	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	4.00	.....	1.84	0.0	7	18	6	7	sw.	U. S. Forest Service
Osceola	Mississippi	240	30	81.2	+1.1	98	6†	60	31	33	2.43	−1.13	0.80	0.0	5	18	6	7	s.	June Thomason
Ozark	Franklin	396	32	80.1	−1.7	98	4	64	11†	26	4.59	+1.24	1.41	0.0	11	17	6	8	sw.	Isham Burrow
Paragould	Greene	301	2	.....	.....	.....	.....	.....	.....	.....	0.60	.....	0.60	0.0	1	22	9	0	s.	W. R. Heagler
Patterson	Woodruff	196	12	.....	.....	.....	.....	.....	.....	.....	1.57	−1.59	0.93	0.0	5	22	5	4	s.	W. E. Baker
Piggott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	2.65	.....	1.50	0.0	4	13	14	4	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	83.6	+1.4	101	4	68	14†	27	5.29	+1.77	1.23	0.0	11	17	5	9	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	35	80.8	−0.9	98	5	61	15†	28	1.62	−2.90	0.80	0.0	5	10	16	5	n	Benedictine Sisters
Portland	Ashley	122	22	81.9	+0.4	100	3†	62	15	29	4.67	+0.17	1.18	0.0	10	5	13	7	sw.	W. E. Edmiston
Prescott	Nevada	329	40	82.4	+0.7	100	4	66	17	27	7.46	+4.34	2.34	0.0	13	14	3	14	s	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	6.24	+1.85	1.28	0.0	11	21	7	3	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	81.4	+0.6	97	5	67	15	26	3.72	+0.42	0.62	0.0	8	13	3	15	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	76.8	−0.2	93	3†	60	10†	34	2.41	−1.70	0.55	0.0	10	17	6	8	s.	Carl A. Starck
St. Francis	Clay	290	1	.....	.....	.....	.....	.....	.....	.....	1.81	.....	1.16	0.0	6	27	0	4	.....	S. T. Rooney
Searcy	White	236	19	80.2	−0.5	96	4†	64	14†	28	2.73	+0.24	0.60	0.0	8	21	0	10	s.	J. T. Bell
Springbank .....††	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	3.34	−0.24	1.00	0.0	9	19	0	12	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	7.13	.....	2.11	0.0	9	19	9	3	s.	S. C. Story
Stuttgart	Arkansas	228	41	81.8	+1.1	98	4	65	15†	28	3.18	−0.70	1.00	0.0	6	16	7	8	sw.	Adam F. Buerkle
Subiaco	Logan	1050	31	80.6[a]	−0.7	97[a]	4	64[a]	14	30[a]	2.73	−0.65	0.84	0.0	11	11	8	12	s.	New Subiaco Abbey
Texarkana	Miller	352	42	83.2	+0.9	101	3†	64	30†	32	4.54	+1.12	2.25	0.0	6	19	3	9	s.	H. S. Brashear
Thornburg	Perry	650	4	77.2	.....	93	3†	55	10	37	2.60	.....	1.16	0.0	10	12	12	7	s.	Edward E. Holmes
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	7.10	.....	2.56	0.0	9	17	5	9	sw.	Dr. Cheves Bevill
Warren	Bradley	206	34	84.2	+2.4	100	2†	65	8	27	3.96	+0.53	0.90	0.0	8	15	14	2	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	9.84	.....	5.80	0.0	9	12	13	6	w.	J. R. Huddleston
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	5.19	+3.05	1.53	0.0	8	14	7	10	.....	M. W. H. Collins
Wilson	Mississippi	237	3	80.0	.....	97	5	61	30†	30	1.02	.....	0.71	0.0	2	24	6	1	s.	Nannie O. Schirmer
Wynne	Cross	250	20	81.2	+0.2	98	23	62	14	30	1.84	−1.94	0.54	0.0	8	19	5	7	s.	E. O. Allen
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	2.25	.....	0.53	0.0	11	9	8	14	.....	W. E. Barton
State Means and Extremes				80.3	+0.3	102	23	52	14	27	3.68	−0.16	5.80	0.0	8	17	8	6	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Dam No. 1, Judsonia; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for July, 1928

Stations	Drainage-basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita												.07			.30	.58							.35			.60	.12			.15		2.17
Arkadelphia	Ouachita									.32			.21				.92	.56	.37	.55				.11			.02	1.44	.08		.13		4.71
Arkansas City	Mississippi									.41								.59	.20				.73					.20	.05				2.18
Ariberg	White												.28						.68	.57								.45					1.98
Batesville	White	.08							T				T.	.04			1.46			.16			.16					.01	.02	T.			1.93
Bee Branch	Arkansas							T.								T.		T.	.10	.20			.48	.04			.85						1.67
Bentonville	Arkansas							.38			.39	.71				.02						.07	.12			.35	.64	.12		.12	.21	.02	3.15
Black Rock	White	.36							T					.24					.09	.66								.05	T.				1.40
Blytheville	Mississippi												.35						.51	.48	.57		.14				.05	.17					2.27
Booneville	Arkansas							.11			.65	2.92				73	1.15	T.		.06	.18		.03	.65			.60	.57			T.		7.65
Brinkley	White													.49			.21	.23	.05		.21			.58			.21	.13					2.11
Calico Rock	White	.87							.06				1.53	.27			1.88			.25	.01		.39	.07			.02	.02	.01				5.38
Camden	Ouachita									1.96			.04	.76			.85	.54		.07					1.87		.10	.08	.62		.21		7.10
Center Point	Red						T.	.08	T.				.54			.42	.88						.01		.15	.92	.15		.20				3.35
Clarendon	White								.12					.32			T.	.04	.10	.66	.08			.11				1.05	.03				2.51
Clinton	White											.08											.32				.39						0.79
Cold Springs	Arkansas																																
Conway	Arkansas							1.06					.06			.02				.95	.82			.46			.51						3.88
Corning	White	.87							.06										.15	.56	.05			.21									1.90
Corning (river)	White																	.18						T.			T.			T.	T.		
Cotter	White	.45							.95				.45				.18	T.		.10	.05			.45			.10	T.	.57		.10	T.	3.40
Crossett	Ouachita																																
Dam No. 1	White												.37				.63		.72	2.20							.23						4.15
Danville	Arkansas													.82			.50										T.			.90			2.22
Dardanelle	Arkansas							T.						.40			39					.06					T.	.92	.80		.04	.03	2.64
De Valls Bluff	White													.20										.55				.17					0.92
Damas	Mississippi							1.03	.03			.25				.05		.75	.32				2.26	T.	.15	T.	.97	.15		.97		T.	6.93
Dutton	White							.45			.04	.12				.03						T.	T.				.15	.01			.19	T.	0.99
Eagle Gap	Arkansas																																
El Dorado	Ouachita						.30	1.80						.79			.20	04	1.77					.45	.05		.24	1.42	.85		1.28	.04	9.23
England	Arkansas							T.					.19			.23	T.	.51	.21	.10			.15	.47			.23	.34					2.43
Eureka Springs	White										12	.50	.12			.03							.22			1.76	.23	.14			.21	.03	3.36
Fayetteville	White							.02			.62	.06				.01				T.			.76			1.20	.11			.22		3.00
Fort Smith	Arkansas						.02	.01			.11	1.01				.36	.49		T.	T.			T.			T.	.47	T.		.01	T		2.48
Freeman Sprgs.	Arkansas	.06							.15			.12	.58				.15							.82			.10	.10	.22		.17		1.55
Fulton	Red								1.08		T.		.57				.24	.31							T.	.08	T.	.18	.38	.57	.61		4.02
Georgetown	White								.05				.95				.69							.82			.10	.24					2.85
Gilbert	White	.10						.04					.03	T.			T.		T.	T.		.18	.07				.04	T.				T	0.46
Granis	Red						.29	.10	T.	T.	T.	.10				1.40	1.34						.62	.65	T.	.03	.12	.25	T.	.62			5.52
Gravette	Arkansas							.45			.96	T.				.10					T.		.35			2.55	.77	.14			.72	.33	6.37
Harrison	White							.88			.06			.15								.24	T.				.13				.06		1 52
Helena	Mississippi													.06					1.30	1.14	.66	.12	.10		.36	1.28			.68	.10			5.80
Higden	White							T.		T.							.15	.14	.69				.07				.78	.20	.04				2.07
Hope	Red							.89			1.38	.82				.36	1.17	.05						.05	T.	T.	.05	.28		.21	.11		5.37
Hot Springs	Ouachita							.20				.02				.60		.60					.25	.35			1.40	.10	.10	2.35			5.97
Imlex	Red							.09	.24				.45				1.16	.08									T.	.07	.68		.33		3 10
Jessieville	Ouachita						.25	.75			50							.25	.30								1.40			.60			4.05
Jonesboro	White	.45															.15							.61				.02	.18				1.41
Junction	Ouachita						1.	2.09															T.	.39	T.	1.77	.48	.76		.60	.37		7.28
Lambrook	White								.03				.90						.38		.15	2.05		1.10	.27			1.95	.08				6.91
Lead Hill	White							T.			T.	.01	.35			T.						.59	.42				.03	T.			T.	T.	1.40
Little Rock	Arkansas							.08			.02	.22				.10		.04	.17	T.			.21	T.			1.59	.36					2.79
Lurten	White												.19			.10		.01		.01		.23					.18	.18		2.30	.01		3.21
Luthersville	Arkansas							.04					.46			.36	.01	.12		T.		.02		.53			.04	.28	.30			T.	2.16
Magnolia	Red							.30					.53	.02		1.16	.02							.07	.16	.41	.20	.11	.01	.06	.11		3.16
Malvern	Ouachita								.59					1.42			.50	.74	1.20					.13	.05		.03	2.30	.78	.03	3.60		8.37
Mammoth Spg.	White							5.10			.05	.95							T.				.28				.44	.62					7.44
Marianna	Mississippi											.41					.73	.60	.63								.70	.06					3.13
Marked Tree	Mississippi	.79															.14		T.								.10	.24					1.27
Marshall	White												.05					.08	1.35	T	.17	.24					.08	.01					1.98
Mena	Ouachita							.07	.49					.15			1.60	1.15	T.					.46			.10	.70	.01		.11		4.84
Morrillton	Arkansas								.84								.21				.16	.10						1.08	.07				2.46
Mountain Home	White							.36					1.35	.30			.87						.76				.03		.71				4.38
Mount Ida	Ouachita						.10						.92				.50	.60	.60	.37				.50			1.05	.15		.11			4.90
Nashville	Red						T.	.85							1.10	.80	1.20									.15	1.20	.30	.15	.25	1.15			7.15
Newport	White	.08															.88				.02	.36	.24					.03	.99				2.60
Norman	Ouachita																																
Oden	Ouachita							.25					.24			.48	1.83		T.					.48			.52			.20			4.00
Osceola	Mississippi	.75						T.	T.					.28										.80				.40	.20				2.43
Ozark	Arkansas									.15			.48	1.41			.25	.10						.47			.53	.12	.07		.12	.89	4.59
Paragould	Mississippi																		.60														0.60
Patterson	White													.11			.93		.05								8.40	.08					1.57
Piggott	Mississippi						.04						1.50					.54	T.	T.	.57													2.65
Pine Bluff	Arkansas									.70				.97			.20	.01	.80	.90			.07		T.		.30	1.23	.01		.10		5.29
Pocahontas	White												.05	.05				.65	.80									.07					1.62
Portland	Ouachita									.31				.27			.61		.02	.43			.17	.95	.48			.25			1.18		4.67
Prescott	Ouachita								.08			.62	.34	.08		2.34	1.86		.18				T.	.26		1.08	.12	.17	.11	.12			7.46
Princeton	Ouachita								.63				92						1.28					.50	.35	.40	.29	.32	.55	.20		.80	6.24
Rison	Ouachita							.25	50				60						.50	.62			.65					.40	T.	.20			3.72
Rogers	White								.06			.27	.30	.07		.02				.42			.80			34	.08	T.			.55		2.41
St. Francis	Mississippi	.41							15	.04				1.16										.02					.03				1.81
Searcy	White									.04				.54			.43			.60	.33			.50			.22	.07					2.73
Springbank	Red							T.	.12	.13	T.			.40			1.00	T.	T.						T.	.67	.05	.15	.42		.40		3.34
Story	Ouachita							.50					.91			.45	.69		.03	.48	.06						1.90			2.11			7.13
Stuttgart	Arkansas								.54				12					.89	.55								1.00	.08					3.18
Subiaco	Arkansas							T.			.01	.84	T.		a.66	.13				.46			.10	.02			.26	.11			.13	.01	2.73
Texarkana	Red							.25						.30			2.25											.82	.12		.80		4.54
Thornburg	Arkansas							.09					.55	.02		.23	.08	.03	.34			T.					1.16	.02		.08			2.60
Waldron	Arkansas						.03	.22			.37	1.37				.76	2.56		T.					.89			.58	.22		T.	.10		7.10
Warren	Ouachita							.85					.46	T.		.18	T.	T.	.53				.50	.16	T		.90	T.	T.	T.	.38		3.96
Waters	Ouachita						.14	.23					.75	.10			5.80							1.45			1.03	.21		.13			9.84
Whitecliffs	Red									.62				.70			.70	.82							.60	T.	.10	.12	1.53				5.19
Wilson	Mississippi													.31													.71						1.02
Wynne	Mississippi	.04												.12			.41	.07	.19	.45							.02	.54					1.84
Yancopin	Arkansas	.03								.25				.12	.07		T.	.19	.04		.02		T.	.16	.44		T	.53	.40				2.25

Daily River Stages for July, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.2	15 7	15.3	14 6	13.4	12 2	11.2	10.2	9.3	8.5	8.0	7.6	8.0	7.7	9.0	9.1	14.0	12.9	11.5	10.2	8.8	7.9	7.2	7.0	7.5	7.8	7.8	7.9	8.3	8.0	7.8
Ozark	....do	22	12 9	12 4	12.4	12.0	11.0	9.9	9.0	8.2	7.0	6.1	6.1	5.9	5.8	6.1	6.5	6.8	7.9	8.3	9.1	8.3	7.6	6 2	5.1	4.8	4.5	5.0	5.1	5.1	5.3	5.7	5.0
Dardanelle	....do	20	13.6	13.3	13.6	13.4	12.8	11.6	10.6	9.8	9.0	8.0	7.5	7 1	7.1	7.1	7.2	7.4	7.7	11.0	11.7	11.2	9.0	7.9	6.8	6.2	5.8	5.7	6.2	6.2	6.4	6.4	6.7
Morrillton	....do	20	12.7	12.0	12 4	12.2	11.5	10.5	9.4	8.5	7.5	7.0	6.0	5.5	5.0	5.0	5.3	6.0	6.2	7.0	10.5	9.0	8.0	7.0	6.0	5.1	4.5	4.0	4.0	4.5	4.4	4.0	4.4
Little Rock	....do	23	14.2	12.9	11.5	12.6	12.3	11.1	10.6	9.5	8.6	7.8	7.1	6.4	5.9	5.7	5.8	6.1	6.3	6.6	9.3	10.5	9.4	8.2	7.0	6.0	5.1	4.5	4.6	4.6	4.9	4.8	4.9
Pine Bluff	....do	25	20.6	18.9	17.8	17.6	17.5	16.9	16 2	15.1	14.2	13.4	12.6	12.0	11.5	11.1	11.0	11.1	11.2	11.3	11 6	14.7	14.7	13.6	12.7	11.6	10.7	10.2	9.9	9.8	9 9	9.9	10.0
Yancopin	....do	29	39.1	39 1	39.1	39.1	39.1	39.0	39.0	38.9	38.7	38.5	38.3	38.1	37.9	37.6	37.3	37 0	36.7	36.3	35.9	35.5	35.2	34.7	33.9	33.0	31.8	30.6	29.4	28.2	27.0	26 0	25.0
Danville	Petit Jean	20	4.6	4.2	4.1	3 8	3.4	3.1	3.1	2.9	2.7	2.7	2.7	2.5	10.3	17.2	12 0	4.6	13 3	18.6	17.2	10.2	6.8	4.9	3.2	3.9	13.6	6.7	4.3	5.9	6.4	7.6	6.5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	13.8	11.5	9.7	8.8	7.6	6.8	6.2	5.8	5.5	5.3	5.0	4.8	4.6	4.6	4.8	4.7	3.6	3.5	3.4	3.6	3.5	3.4	3.7	3.1	3.7	3.4	3.4	3.3	3.1	3.9	2.6
Calico Rock	do	18	12.8	13.1	11.1	9.2	7.8	6.9	6.4	5.9	5.8	5.1	4.8	7.6	5.4	4.7	4.4	4.5	3.9	3.5	3.1	3.0	2.9	2.9	3.1	2.8	2.6	2.7	2.5	2.5	2.4	2.3	2.9
Batesville	do	23	19.2	21.1	18.7	17.2	15.3	13.9	12.9	12.2	11.6	11.4	10.8	10.5	12.4	11.6	10.0	10.4	10.0	9.1	9.1	8.8	8.6	8.7	8.4	8.4	8.0	8.0	8.0	7.8	7.8	7.7	7.7
Newport	do	26	27.8	27.4	27.3	26.7	25.8	24.9	23.9	22.9	22.0	21.2	20.2	19.3	19.1	18.8	17.5	17.2	16.5	15.4	13.8	12.2	11.0	9.9	9.1	8.7	8.2	7.8	7.4	7.1	7.0	6.8	6.5
Georgetown	do	22	27.6	26.8	26.0	25.4	24.8	24.4	24.0	23.5	23.1	22.7	22.4	22.0	21.6	21.1	20.7	20.7	20.5	20.1	19.8	19.4	19.0	18.2	17.2	16.0	14.8	13.8	12.8	12.0	11.4	10.8	10.0
De Valls Bluff	do	24	28.0	27.6	27.2	26.7	26.1	25.6	25.1	24.6	24.2	23.9	23.5	23.2	23.0	22.8	22.5	22.3	22.1	22.0	21.9	21.7	21.6	21.5	21.2	20.9	20.5	20.1	19.4	18.7	17.9	17.0	16.3
Clarendon	do	30	34.9	34.8	34.6	34.2	33.7	33.1	32.5	31.9	31.4	30.8	30.3	29.8	29.4	29.0	28.6	28.2	27.9	27.6	27.3	27.0	26.8	26.5	26.3	26.0	25.5	25.0	24.5	23.9	23.1	22.2	21.4
Gilbert	Buffalo	11	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.2	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Black Rock	do	14	22.8	22.4	22.0	21.7	21.3	20.8	20.3	19.7	19.0	19.6	18.2	17.4	16.6	15.9	14.5	13.2	12.0	10.8	10.2	9.6	9.0	8.6	8.4	8.2	8.0	7.4	7.2	7.0	6.8	6.6	6.4
Dam No. 1	Little Red	..	10.0	9.3	8.5	7.9	7.4	7.0	6.7	6.5	6.1	5.7	5.1	4.5	4.0	3.5	3.0	2.7	2.5	2.3	2.1	2.0	1.4	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0
Camden	do	30	10.4	9.2	7.4	6.5	6.1	5.5	5.5	5.5	6.2	7.0	6.8	6.3	6.7	7.0	6.1	6.1	6.0	9.0	12.7	15.4	16.1	14.5	10.0	8.1	8.3	11.5	10.2	12.1	14.0	15.0	15.0
Fulton	Red	28	19.5	18.7	17.8	16.8	16.0	14.9	13.0	12.9	12.3	11.7	11.5	11.3	11.1	11.3	11.1	11.9	12.2	12.4	12.6	12.0	11.6	11.1	11.0	10.8	10.6	10.4	10.6	11.1	11.9	14.8	15.5
Helena	Mississippi	44	44.4	44.5	44.6	44.7	44.9	45.0	45.2	45.4	45.5	45.6	45.6	45.7	45.7	45.6	45.4	45.0	44.3	43.2	41.9	40.4	38.8	37.2	35.6	34.1	32.7	31.3	30.0	28.8	28.0	27.3	26.8
Arkansas City	do	18	51.9	52.2	52.4	52.5	52.5	52.6	52.6	52.6	52.4	52.5	52.3	52.2	52.0	51.9	51.6	51.4	51.1	50.8	50.3	49.7	49.0	48.0	47.3	46.3	45.1	43.7	42.3	40.8	39.1	37.8	36.6

Daily Temperatures for July, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	95	95	97	97	96	94	92	89	97	98	98	94	91	92	82	81	90	93	92	93	95	93	81	88	90	81	84	88	88	89	93	91.2
	Minimum	70	67	68	73	74	71	73	70	70	70	71	68	66	65	64	69	66	67	70	73	74	73	70	71	70	70	70	67	70	70	66	69.5
Batesville§§	Maximum	95	91	93	94	94	93	91	88	92	94	94	88	87	88	89	85	93	91	92	93	92	92	91	91	91	81	90	86	85	87	93	90.5
	Minimum	67	68	71	77	72	70	69	74	68	62	65	71	68	60	63	69	70	70	70	70	72	71	74	64	63	69	69	64	58	61	64	67.8
Bentonville	Maximum	90	89	92	92	91	90	89	81	88	90	81	81	83	86	78	84	90	90	91	93	92	84	86	88	87	84	87	81	84	81	87	86.8
	Minimum	68	67	72	72	72	69	71	69	66	64	65	64	66	62	67	68	66	70	72	70	71	69	63	67	69	69	67	62	63	68	68	67.6
Bee Branch	Maximum	94	95	95	97	96	94	93	90	93	93	93	91	90	92	88	87	91	95	95	94	95	96	91	93	92	87	87	90	88	86	93	92.1
	Minimum	70	68	68	71	71	70	70	68	70	63	64	70	66	62	65	68	66	68	69	68	70	70	72	68	65	70	70	68	63	66	67	67.9
Blytheville	Maximum	91	93	95	94	96	94	92	90	90	93	93	91	85	85	86	88	88	91	91	91	94	94	93	89	88	86	87	85	82	84	90	90.0
	Minimum	66	74	77	75	77	77	76	78	77	71	73	75	72	68	66	70	66	73	72	74	75	72	74	73	70	73	72	70	62	63	67	71.9
Booneville	Maximum	93	95	96	97	97	94	92	90	94	95	91	81	89	90	85	82	93	92	94	95	93	92	88	92	90	84	86	90	87	88	91	90.9
	Minimum	71	68	70	75	71	70	75	71	67	63	69	69	66	64	68	68	67	71	72	71	73	70	71	70	69	72	68	66	70	69	67	69.4
Brinkley	Maximum	94	95	96	96	96	95	95	90	93	94	93	92	88	89	91	87	91	93	93	93	94	94	91	91	90	85	82	89	86	88	92	91.5
	Minimum	66	72	72	75	75	72	71	72	73	66	64	68	71	64	65	69	72	70	69	70	73	74	70	70	69	73	71	70	69	63	65	69.8
Calico Rock§§	Maximum	93	94	97	98	98	96	93	91	93	95	93	88	84	88	84	85	93	93	95	94	95	92	91	91	92	85	92	85	85	86	95	91.4
	Minimum	66	69	69	73	72	71	69	70	68	67	64	69	68	65	64	67	69	71	70	70	71	72	72	67	67	68	68	66	59	65	66	68.1
Camden§§	Maximum	94	95	96	97	95	93	90	89	91	93	94	92	90	91	86	81	92	93	91	92	94	94	92	89	87	86	84	88	85	89	91	90.8
	Minimum	70	69	69	70	73	70	72	70	70	71	69	72	67	70	67	68	68	70	71	72	75	75	69	71	73	73	71	70	71	71	68	70.5
Center Point	Maximum	95	94	97	97	97	93	91	85	94	96	92	93	91	92	88	84	94	94	94	95	95	94	83	90	88	85	88	88	89	89	91	91.5
	Minimum	73	73	79	75	75	73	73	70	69	71	73	69	68	71	68	67	70	71	75	75	75	75	73	73	72	72	70	69	69	71	70	71.8
Conway	Maximum	94	95	97	98	98	96	93	91	94	94	93	91	90	91	89	84	92	95	94	92	95	93	91	92	91	79	85	88	86	88	94	91.7
	Minimum	74	69	71	73	74	73	73	70	71	67	68	72	67	66	70	70	70	69	71	70	73	73	73	71	70	72	72	69	68	69	70	70.6
Corning	Maximum	90	93	93	93	95	94	93	89	92	94	92	89	87	89	87	88	84	92	92	95	96	94	94	93	92	91	90	88	87	87	95	91.2
	Minimum	78	72	74	77	75	75	73	74	71	69	69	73	68	66	61	61	66	71	71	70	76	74	71	64	66	66	62	65	55	58	65	68.9
Dardanelle	Maximum	96	97	99	101	100	99	94	94	94	94	95	86	88	92	86	81	90	91	95	98	98	95	89	91	91	87	90	89	86	86	95	92.5
	Minimum	72	72	73	76	74	74	76	71	71	65	73	72	76	65	71	70	69	72	73	72	75	73	76	71	70	75	71	69	70	70	71	71.7
Dumas	Maximum	94	95	95	98	96	96	94	90	90	94	94	94	88	90	93	87	91	90	90	93	94	95	95	91	92	90	84	90	90	88	90	92.0
	Minimum	74	72	71	74	75	72	72	72	71	69	67	70	69	65	63	71	70	70	70	72	74	74	69	72	72	72	70	70	69	67	69	70.5
Dutton	Maximum	82	88	90	90	90	89	86	79	87	88	81	77	84	85	74	80	88	87	89	89	90	88	89	89	89	79	87	84	83	84	85	85.5
	Minimum	62	61	64	66	64	64	66	65	60	53	59	63	59	52	57	60	60	62	67	64	65	63	64	57	58	65	64	58	57	65	64	61.5
El Dorado	Maximum	91	94	92	96	92	94	91	92	89	93	95	94	94	95	91	90	86	95	94	96	96	95	90	88	88	85	82	85	86	90	92	91.4
	Minimum	73	73	74	74	77	73	75	71	72	71	72	72	69	74	71	72	71	73	71	74	76	78	70	70	74	71	70	70	72	71	71	72.4
Eureka Springs	Maximum	90	89	91	91	90	90	88	83	91	91	84	81	86	87	80	85	91	90	90	92	91	85	90	89	91	85	81	83	83	79	87	87.2
	Minimum	67	67	73	73	74	73	70	68	67	65	64	65	64	61	65	66	66	71	71	72	71	67	65	66	67	68	68	62	60	61	69	67.3
Fayetteville	Maximum	89	89	91	92	91	91	89	87	91	92	88	81	85	88	86	85	92	92	92	94	95	91	92	90	88	85	89	88	86	87	87	89.1
	Minimum	68	69	73	76	72	69	76	69	63	61	64	65	64	59	61	64	63	69	75	63	72	70	66	66	64	68	65	63	64	64	71	66.9
Fort Smith	Maximum	95	96	97	99	97	94	91	85	93	93	84	80	85	89	76	83	91	94	94	96	95	89	90	92	96	82	90	90	85	86	93	90.2
	Minimum	73	73	74	76	75	74	74	71	69	69	71	69	69	66	69	69	70	74	76	74	76	74	76	72	73	72	72	70	71	71	70	72.0
Grannis	Maximum	91	90	92	92	92	90	89	83	91	94	88	87	92	89	82	82	91	90	89	90	90	93	87	89	88	83	84	87	87	88	88	88.6
	Minimum	65	68	65	65	67	65	69	67	62	64	66	68	62	62	63	66	66	67	68	68	69	69	68	69	66	69	68	66	64	66	62	66.1
Gravette	Maximum	88	89	91	91	90	89	82	82	89	88	84	83	84	87	82	83	90	89	90	92	93	87	89	89	85	81	86	79	85	81	80	86.4
	Minimum	69	71	73	72	72	70	68	67	67	63	63	64	63	60	67	67	65	70	72	71	72	69	69	68	67	68	66	62	63	64	65	67.0
Helena	Maximum	94	96	97	97	97	95	94	91	92	93	94	93	89	91	93	89	90	90	90	92	93	95	92	92	92	84	85	89	86	87	92	91.7
	Minimum	68	73	73	76	75	73	73	73	72	65	65	68	69	64	65	70	71	70	69	72	74	71	69	72	70	71	72	70	68	66	65	70.1
Hope	Maximum	96	97	98	99	99	98	95	93	93	97	89	93	93	94	82	87	96	98	101	99	100	98	102	92	98	91	88	91	91	95	95	95.1
	Minimum	70	71	70	71	74	71	73	69	71	70	70	68	67	70	69	68	69	70	72	74	75	73	70	72	72	73	70	68	69	70	69	70.6
Hot Springs	Maximum	96	96	97	98	97	94	92	90	95	95	91	91	90	89	90	86	93	93	93	94	95	94	89	91	90	80	83	86	89	90	92	91.6
	Minimum	69	68	72	73	74	71	71	69	69	66	67	68	68	64	65	69	69	75	70	72	72	71	70	71	72	72	70	74	66	68	68	69.8
Jonesboro	Maximum	93	94	95	96	97	95	97	93	92	94	94	88	88	88	85	86	88	93	94	94	96	95	92	90	90	83	90	87	84	87	84	91.1
	Minimum	65	70	75	76	76	76	75	75	72	72	71	73	72	70	64	69	70	71	73	73	75	76	73	74	69	72	72	68	62	62	64	71.1
Lead Hill	Maximum	96	96	98	98	97	97	94	88	94	94	87	90	88	89	82	87	94	91	97	97	95	89	92	92	91	82	91	88	83	84	94	91.5
	Minimum	67	65	67	69	66	68	68	68	63	60	63	69	65	59	61	67	65	68	68	68	69	69	68	67	64	70	65	63	58	64	61	65.5
Little Rock	Maximum	95	94	95	95	95	93	91	87	91	92	91	86	88	90	89	82	91	90	92	93	94	92	89	90	90	80	81	88	84	86	91	89.8
	Minimum	70	74	75	76	77	75	75	72	71	71	73	70	69	69	71	70	71	69	70	74	75	72	72	75	76	72	71	71	68	69	71	72.1
Lurton	Maximum	84	86	87	88	88	85	83	..	.	84	81	79	80	82	72	78	85	86	87	89	89	86	85	87	86	76	85	80	82	81	85	83.7
	Minimum	68	68	70	71	73	71	68	..	..	68	64	66	63	65	64	64	65	67	69	68	70	67	68	68	67	68	65	62	62	62	67	66.8
Lutherville	Maximum	94	95	97	99	98	93	94	87	92	96	89	81	87	90	77	81	92	92	90	97	94	95	90	94	93	81	88	90	87	87	93	90.8
	Minimum	71	70	71	73	72	72	70	69	69	64	70	69	66	63	68	68	68	69	71	70	73	70	70	69	68	73	69	66	67	68	71	69.3
Magnolia	Maximum	94	94	95	97	97	95	92	89	91	93	95	94	90	89	87	90	93	94	95	97	98	95	92	90	88	85	83	85	87	92	93	91.9
	Minimum	71	71	71	72	74	71	72	70	71	71	69	70	68	73	70	69	71	73	65	73	76	75	70	71	72	72	70	71	69	69	69	70.9
Malvern	Maximum	97	96	98	98	97	95	93	92	97	97	96	84	92	93	90	87	93	94	93	95	94	95	91	92	91	83	85	90	89	90	92	92.5
	Minimum	72	68	71	72	73	71	72	70	71	69	70	71	64	65	65	70	70	67	70	73	73	73	70	74	73	71	70	68	68	68	67	70.1
Mammoth Spg	Maximum	92	92	94	94	95	96	93	89	90	91	93	84	85	85	85	86	93	92	94	95	94	90	88	90	89	86	92	84	80	82	91	89.7
	Minimum	68	68	68	71	74	70	70	79	70	73	65	63	57	63	61	68	68	71	69	70	81	72	68	65	65	66	66	59	63	65	70	67.6
Marshall	Maximum	92	92	93	94	94	93	90	87	89	91	87	86	82	88	84	81	90	93	92	92	93	88	89	89	88	88	90	84	84	85	94	89.2
	Minimum	68	67	71	77	70	68	73	70	61	59	61	69	6	57	61	66	64	66	68	70	74	68	72	64	63	69	65	63	59	65	72	66.8
Mena	Maximum	94	95	96	97	95	95	93	85	92	93	88	88	87	90	84	80	91	91	92	92	93	92	87	88	89	83	84	87	85	89	90	89.8
	Minimum	70	71	72	72	73	70	72	70	66	65	69	69	67	62	66	65	66	69	71	72	72	74	71	69	67	71	70	68	66	69	67	69.1
Mount Ida	Maximum	93	95	96	97	94	91	89	85	94	97	87	86	90	92	74	79	93	91	90	92	94	93	85	88	88	82	82	89	85	88	88	89.1
	Minimum	67	64	66	67	68	67	72	65	64	61	67	69	65	62	61	67	65	67	69	70	70	69	71	71	68	69	69	65	67	69	63	67.0
Newport	Maximum	97	96	98	98	99	98	96	93	97	98	99	92	93	94	95	86	84	96	95	96	97	99	97	94	91	86	92	90	85	90	94	94.2
	Minimum	67	73	74	78	76	75	75	72	72	69	71	73	70	67	67	68	72	71	70	72	75	75	73	70	68	73	70	68	62	63	66	70.8
Pine Bluff	Maximum	99	99	100	101	99	98	94	93	96	98	95	90	93	95	92	87	92	94	94	96	99	100	93	91	91	87	87	94	94	94	97	94.7
	Minimum	73	74	73	76	75	75	75	73	72	72	71	73	70	68	68	73	72	69	70	74	75	74	71	74	76	74	72	69	71	70	71	72.5
Portland	Maximum	99	99	100	100	99	96	96	93	93	95	97	95	92	93	92	87	94	91	95	95	94	93	93	92	89	90	87	86	92	88	91	93.4
	Minimum	71	71	71	73	72	71	72	71	71	71	70	72	68	70	62	69	70	70	70	71	72	74	68	69	75	72	70	70	76	70	69	70.4
Prescott	Maximum	97	97	99	100	98	96	93	90	94	96	97	93	95	93	92	86	92	94	94	95	96	97	91	89	86	84	84	86	90	92	94	92.9
	Minimum	75	76	72	71	78	74	72	73	71	71	76	71	68	70	73	72	66	70	71	73	76	73	71	73	70	71	72	68	70	71	69	71.9
Rison	Maximum	96	96	96	96	97	93	93	91	91	95	95	93	90	91	90	84	95	94	92	94	91	96	88	91	90	91	87	90	90	89	93	92.3
	Minimum	72	73	72	75	71	72	73	71	71	71	69	70	68	68	67	71	70	68	70	73	74	70	69	72	70	72	71	69	69	69	70	70.6
Searcy	Maximum	84	94	88	96	90	89	93	90	93	91	96	91	89	92	89	86	91	92	93	93	94	96	91	93	93	92	87	89	87	87	92	91.1
	Minimum	68	71	70	74	73	70	72	71	73	65	67	72	68	61	67	68	70	69	69	71	74	69	71	70	68	71	71	69	64	65	68	69.4
Stuttgart	Maximum	96	97	97	98	96	95	95	93	92	94	93	94	95	94	92	89	90	92	91	94	96	95	93	92	91	88	80	89	87	89	92	92.5
	Minimum	68	73	74	75	77	74	74	72	72	76	67	71	70	71	65	70	73	69	70	75	75	73	70	73	71	72	70	70	66	65	67	71.2
Texarkana	Maximum	98	97	101	101	99	99	92	90	96	100	100	96	96	97	88	93	94	97	96	98	101	100	93	93	90	83	85	85	90	95	96	94.8
	Minimum	73	73	73	74	75	74	74	71	72	74	73	73	70	73	70	68	70	73	74	72	75	75	75	74	73	71	69	69	65	64	64	71.7
Thornburg	Maximum	92	91	93	93	92	91	89	85	91	92	89	89	87	88	83	81	87	89	91	93	93	88	85	90	91	82	81	87	85	87	90	88.5
	Minimum	69	61	69	69	66	65	68	68	67	55	69	66	66	58	59	65	62	65	76	68	73	66	70	66	65	68	67	67	61	66	67	66.0
Warren	Maximum	96	100	99	99	1 0	97	94	92	95	97	95	95	89	92	92	84	89	95	94	93	95	93	90	91	87	84	79	86	84	84	93	92.0
	Minimum	82	82	85	82	81	79	79	65	74	79	80	72	72	75	73	76	76	76	77	79	82	73	72	78	76	73	73	75	72	75	75	76.4
Wilson	Maximum	90	92	93	96	97	95	93	89	91	92	93	90	84	89	87	89	68	92	92	94	95	94	92	91	91	87	86	87	83	84	91	90.5
	Minimum	65	77	71	74	76	76	73	71	71	65	70	73	68	65	65	67	70	70	70	70	75	76	72	68	68	69	66	69	62	61	61	69.5
Wynne	Maximum	91	95	96	96	96	94	94	92	94	94	96	94	90	91	92	94	90	92	93	95	97	96	98	93	93	86	87	90	87	86	94	92.8
	Minimum	67	67	72	74	75	73	72	72	73	64	66	69	71	67	75	69	70	71	69	71	74	75	71	69	68	69	71	69	63	63	61	69.6

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

57.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., AUGUST, 1928 No. 8

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during August were the positive temperature and precipitation departures. All stations for which temperature normals have been computed showed positive departures except Ozark. Negative precipitation departures occurred at 21 southern stations and 4 northern, positive elsewhere.

The month opened with temperatures near or slightly above normal and daily means were slightly above on most days until the 31st when a moderately cool wave overspreading the State brought the lowest for the month at numerous stations. The mean temperature for the month, as determined from the records of 58 stations, was 81.3° which is 1.6° above normal. Monthly means ranged from 85.8° at Pine Bluff to 75.2° at Dutton, a difference of 10.6° between the northwestern and southeastern sections of the State. The highest temperature recorded was 105° at Texarkana on the 28th, the lowest, 51° at Lurton on the 31st. Temperatures of 100° or higher were recorded at 22 stations during the month. The greatest daily range was 39° at Lead Hill on the 14th.

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The average precipitation for 88 stations was 4.62 inches which is 0.93 inch above normal. Monthly totals ranged from 0.73 inch at Portland to 10.57 inches at Thornburg. Wynne and Gravette also measured over ten inches. The greatest rainfall for any 24 hour period was 5.69 inches at Bentonville on the 4th. The average number of rainy days was 7.

The weather during the month was mostly favorable for cotton. At the close of the month the crop was maturing rapidly and picking had started in the southern counties. Early corn which was about matured by the close of the month was injured by the dry weather in some localities. Fruit, grapes, melons, cantaloupes, and truck made satisfactory growth during the month.

W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 8; 2d, 4; 3d, 1; 4th, 14; 5th, 28; 6th, 29; 7th, 15; 8th, 14; 9th, 27; 10th, 7; 11th,1; 12th, 1; 13th, 9; 14th, 22; 15th, 15; 16th, 22; 17th, 13; 18th, 38; 19th, 18; 20th, 8; 21st, 29; 22d, 15; 23d, 14; 24th, 34; 25th, 14; 26th, 2; 27th, 3; 28th, 13; 29th, 7; 30th, 24; 31st, 9.

DENSE FOG:------18th, 1; 19th, 1; 20th, 2; 24th, 1; 26th, 3; 28th, 1.

LUNAR HALOS:----29th, 1.

SOLAR HALOS:---3d, 1; 4th, 1; 13th, 1; 17th, 1; 22d, 1; 23d, 1; 29th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m	7 p. m	Percentage of sunshine
Bentonville	30.00	30.15	11	29.78	23	2,969	26	w.	23	.....	.....	84
Fort Smith	29.97	30.15	31	29.74	23	4,059	31	w.	17	86	62	75
Little Rock.	30.00	30.15	7	29.83	10	4,680	34	nw.	21	87	65	71
Memphis	30.00	30.15	28	29.80	10	4,139	24	w.	30	85	68	73

COMPARATIVE DATA FOR AUGUST

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.7**		**115**		**39**		**3.69**		**15**	**10**	**6**	**7**
1891	76.4	-3.3	108	17	59	24	2.75	-0.94	21	8	2	5
1892	78.3	-1.4	106	6	47	31	4.39	+0.70	13	11	7	9
1893	77.3	-2.4	102	8	48	30	3.08	-0.61	18	9	4	5
1894	78.1	-1.6	104	14	48	5	4.63	+0.94	12	11	8	8
1895	79.4	-0.3	102	19	55	1	2.64	-1.05	18	9	4	4
1896	82.6	+2.9	112	6	48	29	2.32	-1.37	17	9	5	5
1897	79.6	-0.1	111	4	45	17	2.59	-1.10	17	10	4	5
1898	79.4	-0.3	108	21	54	12	4.35	+0.66	13	13	5	7
1899	82.2	+2.5	112	12	54	12	2.04	-1.65	19	9	3	4
1900	81.1	+1.4	108	21	57	2	2.95	-0.74	16	12	3	5
1901	80.5	+0.8	109	3	52	7	2.95	-0.74	14	13	4	6
1902	80.7	+1.0	108	4	51	7	2.55	-1.14	19	9	3	4
1903	78.7	-1.0	105	4	47	31	4.34	+0.65	15	12	4	8
1904	78.1	-1.6	105	25	46	27	2.81	-0.88	16	12	3	6
1905	79.1	-0.6	103	25	51	28	3.73	+0.04	18	10	3	6
1906	77.9	-1.8	100	19	42	28	4.92	+1.23	14	10	7	10
1907	82.0	+2.3	118	10	54	4	2.92	-0.77	16	10	5	6
1908	79.3	-0.4	103	6	52	26	4.48	+0.79	15	10	6	8
1909	82.4	+2.7	111	17	47	30	1.27	-2.42	20	8	3	4
1910	79.2	-0.5	104	3	43	27	3.92	+0.23	13	12	6	8
1911	78.0	-1.7	107	9	45	30	8.19	+4.50	11	11	9	12
1912	78.7	-1.0	105	27	45	4	3.30	-0.39	15	10	6	7
1913	82.1	+2.4	107	7	46	28	1.62	-2.07	20	10	1	3
1914	78.5	-1.2	104	3	57	6	6.81	+3.12	8	11	12	12
1915	74.7	-5.0	102	8	40	31	10.44	+6.75	9	9	13	11
1916	81.8	+2.1	107	13	46	24	2.63	-1.06	17	9	5	5
1917	77.1	-2.6	104	16	43	25	4.10	+0.41	16	7	8	8
1918	82.9	+3.2	115	4	52	14	3.90	+0.21	15	9	7	7
1919	80.6	+0.9	113	5	55	19	4.29	+0.60	16	8	7	7
1920	76.8	-2.9	102	6	46	4	4.08	+0.39	13	9	9	8
1921	81.5	+1.8	106	5	56	8	5.46	+1.77	15	9	7	8
1922	80.4	+0.7	111	23	51	27	1.90	-1.79	18	8	5	5
1923	81.9	+2.2	109	4	49	21	2.43	-1.26	18	8	5	4
1924	82.2	+2.5	108	3	43	15	2.46	-1.29	20	8	3	5
1925	80.3	+0.6	108	19	47	1	1.81	-1.88	22	7	2	4
1926	80.7	+1.0	110	6	47	25	5.50	+1.81	14	10	7	10
1927	76.6	-3.1	105	1	43	21	6.01	+2.32	12	10	9	10
1928	81.3	+1.6	105	28	51	31	4.62	+0.93	17	8	6	7

Hail, August, 1928

Heavy Hail:----Booneville, 4:00 to 4:30 p. m., August 22, path 3 to 4 miles wide, stones size walnuts, considerable damage to roofs and 5 to 10 per cent of cotton bolls and squares knocked off.

Moderate Hail:-Freeman Springs, 15th.

Climatological Data for August, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	750	33											0.0						G. C. Thrash
Arkadelphia	Clark	250	32								3.26	−1.26	1.23	0.0	8	24	3	4	s.	W. K. Brown
Arkansas City	Desha	145	44								3.19	−0.73	0.85	0.0	4	24	2	5	.....	Carl R. Cutting
Arlberg	Stone	700	6								6.86	.....	1.70	0.0	8	6	22	3	ne.	J. D. Reeves
Batesville	Independence	277	29	80.4	+0.9	100	8	63	12	31	3.31	−0.94	1.80	0.0	8	15	4	12	s.	Mrs. Lelia L. Teter
Bee Branch	Van Buren	700	36	81.5	+2.1	102	8	64	12	31	5.43	+1.56	1.40	0.0	9	9	18	4	s	J. E. Scanlan
Bentonville	Benton	1303	23	77.4	+0.9	92	8	61	24	23	9.29	+5.16	5.69	0.0	9	26	2	3	sw.	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	....	.....	.....	.....	.....	.....	5.70	+1.35	3.05	0.0	10	20	1	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	3	81.7	.....	99	9	65	31	25	2.63	.....	1.32	0.0	6	19	7	5	ne.	W. Ebner
Booneville	Logan	465	14	82.2	+1.1	101	16†	64	12	32	5.27	+2.28	2.05	0.0	6	19	6	6	e.	F. H. Randolph
Brinkley	Monroe	205	41	81.7	+1.5	99	17	64	31	31	7.03	+3.51	3.30	0.0	3	17	11	3	sw.	R. I. Torry
Calico Rock	Izard	361	24	81.0	+2.1	102	16†	61	12	33	5.98	+0.88	1.90	0.0	12	7	21	3	sw	W. J. Copp
Camden	Ouachita	158	43	82.2	+2.0	99	21	64	12	30	1.56	−1.70	0.87	0.0	4	18	10	3	sw.	A. B. Quarterman
Center Point	Howard	470	29	82.8	+1.4	100	21	68	31	26	2.13	−1.22	1.85	0.0	5	15	13	3	s.	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	5.23	+1.02	2.85	0.0	6	19	4	8	s	J. W. Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	4.58	.....	2.37	0.0	10	1	28	2	w.	A. L. Stephens
Conway	Faulkner	309	45	81.9	+0.5	101	17	60	31	29	4.83	+1.37	2.03	0.0	7	20	8	3	se.	E. E. Cordrey
Corning	Clay	293	35	80.6	+2.5	98	28	58	31	29	6.64	+3.00	1.40	0.0	9	23	3	5	sw	Winfred D. Polk
Corning (river) †††	Clay	280	4	.....	....	.....	.....	.....	.....	.....	8.02	.....	1.70	0.0	9	18	1	12	... ..	Henry Stafford
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	7.20	.....	1.70	0.0	13	19	0	12	s.	J. O. Linck
Crossett	Ashley	175	14	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	..	..	..	..	... .	Crossett Lumber Co.
Dam No. 1 ††	White	190	5	.. ..	.....	.....	.....	.....	.....	.....	5.66	.....	1.80	0.0	9	28	0	3	sw	J. O. Yingling
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	6.02	+2.49	2.40	0.0	4	22	0	9	s.	C. G. Hudson
Dardanelle	Yell	330	42	82.4	+2.4	99	17†	67	12	25	5.49	+1.76	1.67	0.0	7	15	16	0	e.	G. N. Goodner, Jr.
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	5.35	.....	3.22	0.0	3	24	1	6		H. G. Tate
Dumas	Desha	152	22	82.2	+1.6	99	13	65	22	28	2.16	−1.68	0.70	0.0	9	7	23	1	s	Ben Johnson
Dutton	Madison	1590	25	75.2	+0.5	95	16	54	12	36	5.11	+0.66	3.05	0.0	7	19	10	2	sw.	J. M. Ricketts
El Dorado	Union	270	27	83.9	+2.8	98	16	69	12	26	0.99	−2.33	0.57	0.0	4	4	24	3	sw.	J. J. Babb
England	Lonoke	229	21	81.9	+1.6	100a	8	65c	22	29c	6.59	+1.99	2.92	0.0	7	13a	15a	4a	sw	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	78.2	+0.2	94	28	60	26	30	6.47	+1.35	2.20	0.0	8	17	10	4	sw.	Geo. W. Nicholds
Evening Shade	Sharp	600	4	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	..	..	..	..	.....	.....
Fayetteville ††	Washington	1451	41	79.5	+1.9	95	15†	62	12	26	7.83	+3.62	2.12	0.0	8	23	5	3	s.	University of Arkansas
Fort Smith	Sebastian	457	47	82.5	+2.0	98	16	68	31	28	4.02	+0.74	2.12	0.0	7	18	8	5	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	5.35	.....	2.10	0.0	11	20	7	4	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	1.12	−1.80	0.66	0.0	3	21	3	7	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	4.53	+0.31	2.21	0.0	5	17*	3	11	s	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	6.09	.....	2.40	0.0	9	8	22	1	..	Ben F. Battenfield
Grannis	Polk	900	9	78.8	....	96	21†	66	12	31	3.41	.....	0.88	0.0	9	23	4	4	s.	W. E. McVay
Gravette	Benton	1250	31	78.1	+0.9	93	16†	59	24	27	10.31	+6.33	1.72	0.0	6	19	8	4	sw.	A. F. Stevens
Harrison	Boone	1052	27	80.1b	+4.7	103a	7†	58	12	38b	2.69	−1.03	2.29	0.0	6	21	8	2	.....	G. L. Wright
Helena	Phillips	250	56	81.7	+1.1	98	16	63	22	29	6.06	+2.22	3.02	0.0	7	17	4	13	s	James A. Burnett
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	4.78	.....	1.45	0.0	9	9	18	4	w	Geo. W. Baker
Hope	Hempstead	377	57	81.6	+3.2	103	21†	53	31	32	2.59	−1.01	1.07	0.0	5	26	0	5	s.	N. P. O'Neal
Hot Springs	Garland	600	37	81.8	+1.4	99	8	62	31	32	1.55	−2.35	0.65	0.0	3	24	4	3	.. ...	G. C. Bolton
Index †††	Little River	275	3	....	....	.....	.....	.....	.....	.....	1.95	.....	0.70	0.0	6	22	2	7	.....	H. G. Sanderson
Jessieville	Garland	750	2	.....	.....	.....	.....	.....	.....	.....	5.80	.....	1.10	0.0	8	..	..	..	...	U. S. Forest Service
Jonesboro	Craighead	345	33	81.8	+1.9	100	17	62	22	27	3.78	+0.24	1.50	0.0	7	19	6	6	sw	Benedictine Sisters
Junction	Union	182	34	83.4	+2.6	99	18†	67	11	29	1.26	−2.30	1.08	0.0	3	27	2	2	sw.	J. A. Lowderback
Lambrook †††	Phillips	155	5	81.4	.....	97	8†	67	12†	26	6.17	.....	1.80	0.0	7	16	8	7	se.	Mrs. D. C. White
Lead Hill	Boone	650	1	79.1	.....	99	14	58	12	39	4.11	.....	1.05	0.0	7	22	6	3	s.	J. H. Crosswhite
Little Rock	Pulaski	357	49	81.8	+2.0	97	8	64	31	26	4.70	+1.05	1.53	0.0	10	14	10	7	s.	U. S. Weather Bureau
Lurton	Newton	2100	3	76.0b	....	92b	8†	51b	31	24b	7.97	.....	3.20	0.0	10	17*	9b	3b	s.	J. C. Sutton
Lutherville †††	Johnson	775	30	82.2	+3.4	101	16†	66	31	32	4.42	+0.25	2.28	0.0	6	17	10	4	e	H. G. Lenhardt
Magnolia	Columbus	315	9	84.0b	....	102b	21	69b	11†	30b	1.17	.....	0.65	0.0	3	9*	17b	3b	s.	State Agri. School
Malvern	Hot Springs	277	41	82.6	+3.9	100	8†	64	12†	31	3.24	−0.44	1.70	0.0	7	22	7	2	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	23	79.4	+2.2	97	8†	57	31	30	4.23	−0.21	1.95	0.0	7	20	7	4	nw	W. C. Gregg
Marianna	Lee	235	16	81.4	+2.0	97	8	63	31	26	4.55	+1.94	1.87	0.0	6	24	7	0	s.	C. N. Houck
Marked Tree	Poinsett	229	23	80.8	+1.6	98	16	61	31	28	4.92	+0.95	1.75	0.0	6	12	14	5	n.	Charles Walton
Marshall	Searcy	1070	14	79.4	+1.7	98	16	59	12	33	6.74	+1.94	2.30	0.0	10	9	16	4	s	A. J. Parks
Mena	Polk	1185	40	80.4	+1.0	97	16†	64	12	30	2.32	−2.58	0.62	0.0	7	18	7	5	nw.	E. W. St. John
Morrilton	Conway	347	7	82.6	.....	101	17	67	12	28	6.79	.....	2.45	0.0	7	17	5	9	se.	John Cook
Mountain Home	Baxter	800	14	78.6	+0.8	98	16	61	12	31	6.87	+2.97	1.60	0.0	11	14	10	7	s	B. S. Halbert
Mount Ida	Montgomery	650	29	79.8	+0.1	97	9†	60	12	32	3.34	−0.39	0.92	0.0	8	18	7	6	s	G. A. Whittington
Nashville	Howard	350	1	.. ..	.....	.. ..	.. ..	.. ..	.. ..	.. ..	..	..	..	0.0	..	..	..	..	... .	J. H. Skillern
Newport	Jackson	231	44	83.3	+3.5	102	8†	65	31	31	3.25	−0.23	1.06	0.0	6	13	10	8	n.	A. C. Wilkerson
Norman	Montgomery	750	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	..	..	..	..	.....	U. S. Forest Service
Oden	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	2.54	.....	1.09	0.0	7	10	14	7	sw.	U. S. Forest Service
Osceola	Mississippi	240	30	81.1	+2.1	97	7†	61	11	31	5.79	+2.83	....	0 0	6	21	3	7	s	June Thomason
Ozark	Franklin	396	32	81.3	−0.2	98	15	63	5	28	7.93	+2.97	4.20	0 0	8	25	2	4	sw.	Isham Burrow
Paragould	Greene	301	2	...	....	.....	.....	.....	.....	.....	4.89	.....	2.05	0.0	9	17	11	3	s.	W. R. Heagler
Patterson	Woodruff	196	12	.....	.....	.....	.....	.....	.....	.....	5.84	+3.11	3.90	0.0	4	21	3	7	s.	W. E. Baker
Piggott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	6.67	.....	1.90	0.0	8	15	5	11	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	85.8	+4.4	104	8†	67	31	32	2.76	−0.58	1.95	0.0	4	22	4	5	nw	Miss Theresa Scheu
Pocahontas	Randolph	300	35	81.7	+0.7	99	17	64	31	29	6.44	+1.88	2.10	0.0	12	6	15	10	n.	Benedictine Sisters
Portland	Ashley	122	22	83.0	+1.9	99	8	69	5	25	0.73	−3.24	0.42	0.0	3	5	25	1	s	W. E. Edmiston
Prescott	Nevada	329	40	84.0	+2.8	100	21	68	12	29	2.99	−0.89	1.96	0.0	5	23	1	7	s.	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	1.12	−2.22	0.52	0.0	3	25	4	2	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	83.3	+2.3	103	21	66	12	33	2.80	−0.57	1.10	0.0	4	17	8	6	e.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	77.8	+0.8	95	17†	60	12	31	5.97	+2.41	3.62	0.0	5	20	7	4	s.	Carl A. Starck
St. Francis	Clay	290	1	.....	.....	.....	.....	.....	.....	.....	5.51	.....	1.08	0 0	9	21	0	10	.....	S. T. Rooney
Searcy	White	236	19	81.7	+1.8	99	7†	66	31	29	4.82	+1.09	2.20	0.0	7	19	0	12	s.	J. T. Bell
Springbank †††	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	1.39	−2.20	1.82	0.0	2	26	0	5	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	2.94	.....	0.48	0.0	9	21	6	4	s.	S. C. Story
Stuttgart	Arkansas	228	47	82.0	+1.7	99	8†	63	12	33	6.26	+2.68	1.82	0.0	6	14	14	3	w.	Adam F. Buerkle
Subiaco	Logan	1050	31	82.6	+1.8	100	15†	66	12	30	3.81	−0.07	2.75	0 0	5	6	14	11	n.	New Subiaco Abbey
Texarkana	Miller	332	42	85.4	+3.5	105	28	68	12†	32	2.88	−0.32	1.65	0.0	5	15	14	2	s.	H. S. Brashear
Thornburg	Perry	650	4	78.4	.....	97	16†	55	12	36	10.57	.....	4.03	0.0	11	10	15	6	s.	Edward E. Holmes
Wabbaseka	Jefferson	190	1	.....	.....	.....	.....	.....	.....	.....	2.41	.....	1.52	0 0	8	13	11	7	se.	Dr. Cheves Bevill
Warren	Bradley	206	34	83.8	+2.7	101	8	65	31	25	1.53	−2.67	1.27	0.0	3	22	8	1	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	3.92	.....	0.92	0.0	7	17	7	7	sw	J. R. Huddleston
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	2.42	−0.99	2.10	0.0	2	20	6	5	sw.	M. W. H. Collins
Wilson	Mississippi	247	3	82.4	.....	96	14†	67	17	29	4.50	.....	1.70	0.0	6	22	6	3	s.	Nannie O. Schirmer
Wynne	Cross	250	20	81.6	+1.8	100	8	62	31	32	10.53	+5.55	4.05	0 0	4	13	9	9	s.	E. O. Allen
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	1.89	.....	0.60	0.0	9	21	2	8	.	W. E. Barton
State Means and Extremes				81.8	+1.6	105	28	51	31	39	4.62	+0.93	5.69	0.0	7	17	8	6	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. †††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ††P. O. addresses as follows:—Index, Route A, Texarkana; Dam No. 1, Judsonia; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for August, 1928

Stations	Drainage-basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita						.43	.93												.13	.01					.09	.03				.41	1.23	3.26
Arkadelphia	Ouachita																			.85	.70					.83					81	3.19
Arkansas City	Mississippi																																
Arlberg	White						.80	.28		.52							.18		1.41	.84					1.70						1.13		6.86
Batesville	White							T.		T.					.02	T.	T.	.06	.44		T.	.14	.04	1.80	.09							.72	3.31
Bee Branch	Arkansas					.16		T.		.40					.25	.15			T.	1.28		.56			1.40				T		.85	38	5.48
Bentonville	Arkansas				5.69			.38		.22					.14			.06	1.13	T.			T.	.58	.07	.88							9.20
Black Rock	White						.75	.21			.06				.02				T.	.29	T.	.04		.06	1.08	.14					3.05		5.70
Blytheville	Mississippi																	.25	32			1.02			29					.49	.26	2.63
Booneville	Arkansas					.11				T									1.01				1.22		2.05	.57				T.	.81	5.27
Brinkley	White																			1.73			3.80								2.00	7.08
Calico Rock	White					.02		T.			.14					.36	.02	T.	1.90	.31			.44	.27	1.60	.19	.01					.72	5.98
Camden	Ouachita																				.01					.63	.05					.87	1.56
Center Point	Red					1.85													.02	.16										.04	.06	2.13
Clarendon	White																	.90			2.85		.01	.05				.02		T	1.40	5.23
Clinton	White					.15		.37	.48	.06					.02	.25			.45			.11			2.37					.32			4.68
Cold Springs	Arkansas																																
Conway	Arkansas					11				.18									.33	1.65	.08				2.03					.50			4.88
Corning	White	1.37	1.27				.92				.16	.12							1.40	.32				.69	.39								6.64
Corning (river)	White	.89	.15			.53												.90	1.70	.30					1.05					.95		1.55	8.02
Cotter	White					T.	.30			.27	.29				.27			.27			.10	.55	1.70	.53	1.50	.10	.40					.92	7.20
Crossett	Ouachita																																
Dam No. 1	White						12		.72	.59					1.80				1.43		.24			.40						.20	.16	5.86
Danville	Arkansas					T	2.40													.97					1.31							1.34	6.02
Dardanelle	Arkansas						1.44	.75			.05									1.67					1.49	.05						.13	5.49
De Valls Bluff	White																			2.00			.13			T.					3.22	5.85
Dumas	Mississippi							.05		T					T.		.02			.15	.12	.40			.22	.05				.45	.70	2.16
Dutton	White				.09	.11	T.		.03	T.									1.04					.76	3.05	.03						5.11
Eagle Gap	Arkansas																																
El Dorado	Ouachita								.03													.21					.18					.57	0.99
England	Arkansas							T.	.01	.32									.67	2.92			.61		T.					.40	1.66	6.59
Eureka Springs	White				1.84		.35	.05		.07									1.12					2.20	.60	.24							6.47
Fayetteville	White				2.32	.06					.49								1.74	.04				1.76	1.58	.04							7.83
Fort Smith	Arkansas				.05	.28												.72	.62					.79	1.34	T.					.24		4.02
Freeman Sprgs	Arkansas	.02				.04	.01			.11	1.11						.69		.46	.05			.06		2.10							1.66	6.33
Fulton	Red					.66																					.84					.12	1.12
Georgetown	White																			1.54			.04		.04					.70		2.21	4.58
Gilbert	White		T.		T.	T.	T.	.11		T.	T.							T.	.92	1.54			.33	.10	2.40	.02	.02				.65	6.09
Grannis	Red				.04	.62					40								.88	.81					.82	.80					.62	.02	8.41
Gravette	Arkansas			4.72		T.	.53	T.											2.75					.25	.51	1.55							10.31
Harrison	White					.10	.02			T.									.23	.03					2.29	.02							2.69
Helena	Mississippi						.30					.08						.06		3.02	.24		2.10			.26							6.06
Hinden	White				.50								.03						.05	.55		.48	.12		1.44						1.45	.16	4.78
Hope	Red					.60														.25						.07					.65	.02	2.59
Hot Springs	Ouachita				.25	.65									T.					T.											.65	T.	1.55
Imlex	Red					.10	.70													.27						.05				.50		.33	1.95
Jessieville	Ouachita					90		.45											1.00			1.10			.50					.40	1.00	.45	5.80
Jonesboro	White																		.86	.05		.14	.82		.20	.21						1.50	3.78
Junction	Ouachita																			T.						.01					1.08	.17	1.26
Lambrook	White								.42									.05		1.45			1.80			1.80	.05					.60	6.17
Lead Hill	White	T.			T.		T.			12					T.	T.	.04	T	.91				1.01	1.05	.92				.06		T.		4.11
Little Rock	Arkansas				T.		.04	T.	19	.34							.38		1.45	.08		.51			19						.06	1.46	4.70
Lurten	White			T.		.59			.30	.02							.30		2.90	.08				.04	3.20	.02					.52		7.97
Lutherville	Arkansas				T.	.30				.23					T.				.05	T	T.	.11			2.28						1.45		4.42
Magnolia	Red																									65					.14	.38	1.17
Malvern	Ouachita						.03				.05	.20					.05			1.70						.03						1.15	3.21
Mammoth Spg.	White				.24													.16	.23		.04			1.26	.35					1.95		4.28
Marianna	Mississippi															T.			.11		1.18	1.10	.25			.04						1.87	4.56
Marked Tree	Mississippi						.41												.11	1.66			.94			.05						1.75	4.92
Marshall	White	.36					.08			.02					21			.03	1.25	.54			.75		2.30					1.15			6.74
Mena	Ouachita					.41										T				.62					.61	.03	.26	.01	.38				2.32
Morrilton	Arkansas					.95	.45				.31						.12			1.76					1.65							2.45	6.79
Mountain Home	White				.25	.92				.15					.05		T.		.65				.87	.90	1.15				1.60		.05	.28	6.87
Mount Ida	Ouachita					.77													.60	.21		.07	.92		.41	.10					.26		3.34
Nashville	Red																																
Newport	White														.63					.18		.53		.64	.21						1.06	8.25
Norman	Ouachita																																
Olen	Ouachita					.18	.10	.02																	.71	.98					.50	.05	2.54
Osceola	Mississippi					.74				T.								1.10	1.70			1.05									.80	.40	5.79
Ozark	Arkansas					.03	2.00				.07								.45				.05	.10	4.20	T.						.13	7.03
Paragould	Mississippi					02	.08			.42								1.00				.42		62					.28		2.05	4.89
Patterson	White																			1.21			.60		.13						3.90	5.84
Piggott	Mississippi	.60				.66													.76	.09		.46			.85					1.35	1.90	6.67
Pine Bluff	Arkansas										T.								.88			.43			.40							1.05	2.76
Pocahontas	White	.09	.13			.32	.58			.32								.17	.28	.44			.05		1.42					2.10	.54	6.44
Portland	Ouachita			.05			.10				T.						T.				.08		T.				.08				.42		0.78
Prescott	Ouachita					.63												.05	.11						.24					1.96		2.99
Princeton	Ouachita									.52															20							.40	1.12
Rison	Ouachita																						1.10		.60					1.10		2.80
Rogers	White				3.62					T.									89					.82	.46	.18						5.97
St. Francis	Mississippi	.83	.69				.71												.28	.09		1.08			.48	.28					1.04	5.51
Searcy	White						.12				.50						.34		1.12	2.20					.14							.40	4.82
Springbank	Red					T.				T.										.17						T.					T.	1.82	1.99
Story	Ouachita					.40													.41				.08		.40	.21			.11	.45	.40	.48	2.94
Stuttgart	Arkansas																.60		1.60			1.58			.02						1.82	.64	6.26
Subiaco	Arkansas				T.	.01										T.			.35	T.					2.75	.05				T.	.65	3.81
Texarkana	Red						1.65									.49	T.			.62							.03					.18	2.88
Thornburg	Arkansas					.81	.39			T.					.02		.24		1.92	.23		1.41			4.03	.06					1.75	.21	10.57
Waldron	Arkansas					.16				.04									.02	.04					1.52	.34					.14	.15	2.41
Warren	Ouachita																	T.	T.	.06	T.						T.		T.		1.27	.20	1.53
Waters	Ouachita					.16	.26													.26		.81		.64	.92	.87							3.92
Whitecliffs	Red					T.	2.10				.32																						2.42
Wilson	Mississippi						.50												.15	1.25			.50								.40	1.70	4.50
Wynne	Mississippi										T.									2.45			4.00	.03							T.	4.05	10.58
Yacopin	Arkansas			.03			.12				T.									.60	.19		.86			.50	.04				.02	.03	1.89

Daily River Stages for August, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.7	9.4	9.7	8.5	10.5	20.2	20.9	16.6	12.1	10.1	9.2	8.7	7.9	7.3	6.8	7.2	6.8	6.4	6.0	6.8	8.7	7.6	6.5	6.6	8.4	8.6	9.4	8.1	7.1	6.4	6.0
Ozark	do	22	5.9	5.2	7.0	6.5	5.3	14.7	17.2	15.7	....	7.9	5.7	5.6	5.5	5.4	5.0	4.5	4.1	3.9	3.9	3.9	3.8	5.5	4.5	5.0	6.0	5.7	5.9	6.4	5.0	4.5	4.0
Dardanelle	do	20	6.4	6.2	6.6	7.9	7.2	8.6	17.7	18.6	14.6	10.8	8.5	7.9	7.0	6.6	6.0	5.6	5.4	5.4	5.3	5.2	5.0	5.3	6.4	6.2	7.2	7.4	7.0	7.0	7.2	6.0	5.8
Morrilton	do	20	4.5	4.3	4.0	4.6	5.9	5.0	14.5	17.0	14.5	10.2	7.5	6.0	5.2	5.0	4.6	4.2	4.0	3.8	3.8	3.8	3.5	3.7	4.7	5.0	6.0	4.6	5.0	5.0	5.2	4.5	4.0
Little Rock	do	25	5.2	5.3	4.8	4.9	6.1	6.5	8.3	15.7	16.0	13.2	10.2	7.8	6.5	5.6	5.1	4.7	4.1	3.8	4.0	4.1	4.0	3.5	3.5	5.0	5.2	6.9	6.2	6.0	5.8	5.9	5.5
Pine Bluff	do	25	10.1	10.3	10.1	9.8	10.0	11.1	10.9	17.0	13.9	12.4	10.9	9.4	8.6	8.0	7.6	7.2	6.8	6.6	6.4	6.3	6.2	6.1	6.0	6.0	6.2	6.5	6.5	6.5	6.5	6.5	6.5
Sancopin	do	20	24.0	23.2	22.6	21.6	20.6	19.9	19.8	19.4	21.7	26.3	25.7	23.6	21.3	19.4	18.1	17.2	16.5	15.7	15.1	14.9	14.7	14.5	14.2	13.6	13.9	15.0	16.0	16.8	16.7	16.5	16.4
Danville	Petit Jean	20	6.0	5.8	5.5	4.2	3.3	5.2	4.4	3.8	3.1	2.8	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.2	2.3	2.0	2.0	2.1	2.3	2.6	11.3	8.4	5.6	3.9	3.1	2.8	6.9

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.9	2.8	3.1	2.9	2.9	4.2	4.5	5.0	4.6	4.4	3.6	3.3	3.2	2.2	2.8	2.8	3.0	2.8	3.2	4.1	2.4	3.4	3.9	6.3	8.1	6.6	8.9	7.5	6.0	5.1	4.8
Calico Rock	do	18	1.9	2.2	2.2	2.0	2.0	2.0	3.5	3.7	3.7	3.5	3.3	2.8	2.1	2.0	1.4	1.6	2.4	1.8	1.8	1.9	2.4	2.0	2.5	2.9	7.8	6.2	7.2	6.8	5.2	4.3	4.4
Batesville	do	28	7.8	7.8	7.4	7.4	7.2	7.1	7.5	8.2	9.0	8.7	8.7	8.3	7.9	7.3	7.0	6.8	6.6	7.3	7.3	7.1	7.2	7.4	7.4	8.6	11.2	13.1	11.8	13.6	12.2	10.5	10.4
Newport	do	26	6.6	6.1	5.8	5.8	5.9	5.8	5.8	6.2	6.8	7.0	6.9	6.8	6.2	5.9	5.5	5.1	4.9	4.8	5.2	5.4	5.4	5.7	5.2	5.6	6.1	10.0	10.4	10.8	11.2	10.0	8.9
Georgetown	do	20	9.1	8.7	8.3	8.0	7.7	7.5	7.3	7.2	7.3	7.8	8.2	8.3	8.5	8.0	7.7	7.3	7.0	6.5	6.3	6.3	6.4	6.7	6.9	6.8	6.8	7.4	9.9	11.6	12.4	13.0	13.3
De Valls Bluff	do	21	15.5	14.9	14.3	13.8	13.2	12.6	12.5	12.2	12.1	12.2	12.5	12.8	12.9	12.9	12.7	12.3	11.9	11.5	11.4	11.1	11.0	11.2	11.5	11.7	11.7	11.6	12.1	13.9	15.1	16.0	16.9
Clarendon	do	34	20.5	19.6	18.8	18.0	17.3	16.7	16.1	15.6	15.2	14.9	14.8	15.0	15.1	15.2	15.1	14.8	14.5	14.1	14.1	13.8	13.5	13.5	13.7	13.9	13.9	13.8	13.9	14.8	16.0	16.9	17.8
Gilbert	Buffalo	12	3.7	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.6	3.5	3.5	3.4	3.4	4.0	5.0	4.5	4.2	4.0	3.9	3.8	3.6
Black Rock	Black	14	6.3	6.2	6.0	6.5	6.3	6.6	6.8	6.6	6.4	6.2	6.2	6.2	6.0	5.7	5.6	5.6	5.4	5.3	5.8	5.8	5.6	5.3	5.1	5.1	6.1	5.8	5.5	5.0	4.3	4.6	6.2
Dam No. 1	Little Red	..	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.7	-0.8	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.8	-0.6	-0.4	1.0	1.4	1.6	1.6	1.8	1.9	1.7	1.4	1.8	2.0	3.0	2.6	2.4
Camden	Ouachita	30	15.8	15.6	14.0	12.5	10.4	8.2	7.9	9.4	10.6	9.8	8.7	7.3	6.5	6.0	5.8	5.3	5.3	5.5	5.6	5.6	5.6	5.4	5.3	5.1	4.4	4.4	4.4	4.0	4.0	4.1	4.6
Fulton	Red	28	15.4	15.2	14.8	13.8	13.1	13.1	13.3	13.1	12.4	11.7	11.3	10.3	10.1	9.8	9.4	9.4	9.1	8.8	8.5	8.4	8.2	8.0	8.1	8.5	8.3	8.1	7.8	7.7	7.5	7.4	7.4
Helena	Mississippi	44	26.4	26.1	25.7	25.1	24.4	23.5	22.7	21.9	21.1	20.2	19.9	20.0	20.7	21.2	21.3	20.7	21.0	19.2	18.7	17.8	17.1	16.8	16.5	16.1	16.3	17.1	18.1	18.8	19.1	19.1	18.8
Arkansas City	do	48	35.8	34.3	33.4	32.5	31.4	30.5	29.5	28.5	27.4	27.4	28.3	27.8	27.3	26.8	26.3	25.8	25.3	24.9	24.3	23.8	23.3	22.2	21.2	20.5	19.5	19.1	18.7	18.7	19.3	20.0	20.7

Daily Temperatures for August, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	96	94	94	90	88	93	96	100	98	97	94	94	94	98	97	98	98	81	89	92	94	86	91	79	87	90	94	96	93	85	78	92.1
	Minimum	71	70	73	72	72	68	66	70	68	68	68	63	66	67	66	67	69	70	70	67	73	68	70	69	69	69	69	69	69	71	65	68.8
Bentonville	Maximum	90	90	88	77	87	90	90	92	91	88	86	85	88	89	90	91	92	77	86	90	85	87	89	70	82	89	90	92	90	83	80	86.9
	Minimum	69	71	70	67	70	68	70	70	69	66	69	63	66	68	69	69	70	69	68	67	71	69	70	61	63	67	69	69	69	68	62	67.9
Bee Branch	Maximum	95	94	93	91	90	95	97	102	100	96	95	95	95	95	99	97	99	97	87	92	99	87	93	88	88	94	97	96	93	90	75	93.7
	Minimum	70	69	72	73	71	69	67	71	70	70	71	64	70	71	70	69	69	71	70	67	71	68	70	69	67	67	70	70	58	70	65	69.3
Blytheville	Maximum	93	92	94	91	93	93	95	98	99	91	89	91	92	94	92	95	92	89	89	90	90	85	89	88	88	89	94	93	91	89	81	91.3
	Minimum	70	74	74	76	74	76	75	75	74	71	72	70	71	74	71	71	72	71	70	70	66	71	72	74	70	71	72	74	74	75	65	72.1
Booneville	Maximum	92	91	90	89	92	93	97	98	99	95	96	95	94	98	99	101	101	95	93	96	99	95	94	82	86	94	98	97	94	88	80	93.9
	Minimum	70	71	72	75	72	71	70	72	71	69	70	64	67	71	71	69	70	71	72	70	72	68	75	69	69	68	71	72	71	71	69	70.4
Brinkley	Maximum	94	95	94	91	91	96	97	97	96	95	93	95	95	96	96	98	99	98	87	91	93	88	92	87	87	94	96	95	92	89	74	92.9
	Minimum	69	71	72	74	71	70	70	72	69	68	70	65	72	72	70	69	68	71	70	70	76	69	73	75	72	70	71	72	70	71	64	70.5
Calico Rock§§	Maximum	98	97	97	90	90	95	98	100	98	95	92	94	93	99	96	102	102	85	91	94	93	87	95	77	88	93	96	97	95	84	79	93.2
	Minimum	70	69	68	72	70	67	65	71	68	69	65	61	67	68	67	70	69	70	71	68	70	70	70	69	68	69	70	71	71	71	67	68.7
Camden§*	Maximum	92	91	90	91	91	94	94	96	96	93	93	92	95	94	96	97	96	96	93	97	99	97	95	95	88	95	98	96	92	88	81	93.6
	Minimum	70	71	72	73	72	70	72	72	73	70	69	64	65	73	71	69	71	72	73	72	75	71	70	73	72	69	70	70	70	71	71	70.8
Center Point	Maximum	93	90	91	88	86	94	97	97	95	91	92	92	92	93	95	98	96	93	93	95	100	97	94	88	93	95	97	97	95	88	81	93.1
	Minimum	72	72	72	74	69	69	74	74	75	73	71	70	70	73	73	73	74	73	71	74	74	74	72	75	72	70	75	73	73	73	68	72.4
Conway	Maximum	95	95	95	91	86	94	96	100	99	94	93	92	93	98	98	99	101	94	86	92	96	89	94	88	87	93	95	97	84	82	74	92.6
	Minimum	72	71	74	75	74	71	68	73	72	70	71	64	71	72	72	71	72	74	71	70	73	72	73	71	71	71	72	73	72	71	60	71.2
Corning	Maximum	94	92	94	94	92	94	96	95	94	94	93	92	92	94	95	97	92	95	92	92	88	83	91	86	92	93	95	98	94	91	86	92.6
	Minimum	73	66	72	70	67	67	71	71	70	69	68	67	66	70	69	69	69	69	68	68	76	66	69	69	68	67	68	77	70	62	58	68.7
Dardanelle	Maximum	95	95	96	92	86	92	95	96	93	91	90	90	92	95	95	96	99	92	87	96	99	86	96	92	84	91	94	95	92	88	77	92.2
	Minimum	74	74	74	76	71	72	71	74	71	69	75	67	72	74	73	71	75	75	72	73	76	73	75	70	70	71	73	74	73	75	70	72.7
Dumas	Maximum	94	94	94	90	92	95	96	97	94	92	92	92	99	95	95	97	98	97	90	95	94	93	93	95	92	93	96	94	92	82	87	93.5
	Minimum	71	74	73	73	70	70	72	72	71	70	69	66	71	71	70	70	71	73	70	70	75	65	70	74	70	70	70	70	71	72	71	70.8
Dutton	Maximum	89	87	88	83	79	89	91	93	93	90	90	90	89	93	92	95	93	79	87	90	92	88	91	71	80	82	89	92	88	84	80	87.6
	Minimum	64	63	67	67	64	64	63	61	69	60	61	54	59	62	61	60	62	65	65	61	69	66	60	64	64	64	63	62	61	82	64	62.9
El Dorado	Maximum	93	92	92	90	89	95	95	97	96	94	94	93	97	95	96	98	96	96	94	95	98	97	95	96	90	95	98	95	93	85	84	94.0
	Minimum	72	73	74	74	73	71	76	76	77	72	73	69	71	75	74	74	75	76	76	74	77	76	75	76	73	71	74	73	73	74	70	73.8
Eureka Springs	Maximum	90	89	88	79	86	86	89	93	92	91	89	89	89	92	93	92	92	83	89	89	89	87	91	81	85	90	91	94	91	87	83	88.7
	Minimum	69	71	72	66	69	69	71	70	68	66	67	62	65	68	67	70	75	68	68	69	65	68	68	63	63	60	70	71	69	68	62	67.6
Fayetteville	Maximum	89	88	87	85	85	89	91	93	94	91	87	86	90	93	95	95	92	88	90	92	93	91	93	72	83	91	90	95	91	87	81	89.3
	Minimum	71	70	73	72	69	71	72	74	69	66	69	62	65	68	70	69	73	65	71	68	76	78	72	65	66	71	71	72	70	69	65	69.7
Fort Smith	Maximum	96	95	91	86	87	93	96	96	97	93	94	92	92	94	95	98	97	83	90	96	95	91	96	74	88	93	96	95	94	87	82	92.0
	Minimum	73	74	74	74	73	74	73	76	74	73	73	70	72	75	74	74	69	72	74	73	78	74	72	70	70	72	74	75	72	75	68	73.0
Grannis	Maximum	90	88	88	86	87	90	93	94	95	91	93	91	89	92	94	94	95	90	90	92	96	92	91	87	89	93	94	96	93	86	84	91.1
	Minimum	65	66	66	70	67	67	66	68	68	66	65	60	62	68	67	65	65	68	66	68	67	68	66	71	70	66	66	66	66	68	67	66.6
Gravette	Maximum	89	89	85	86	88	89	96	92	91	89	88	92	90	92	92	93	91	86	87	90	85	87	88	71	80	86	90	93	90	88	81	88.0
	Minimum	70	72	66	67	67	69	71	79	70	65	70	65	67	68	69	69	69	69	67	66	74	70	69	59	66	67	69	70	69	64	63	68.2
Helena	Maximum	95	92	92	91	87	94	95	96	95	93	90	95	97	93	93	98	97	95	85	89	87	91	90	90	90	93	96	93	91	84	85	92.2
	Minimum	70	73	74	74	71	73	72	73	70	70	70	67	75	75	69	69	70	74	70	71	66	63	75	76	71	73	74	71	73	73	[illegible]	71.2
Hope	Maximum	98	96	99	96	93	97	99	100	99	95	96	96	97	100	100	102	102	100	97	100	103	103	100	96	95	99	101	99	96	95	84	97.8
	Minimum	71	71	72	74	72	70	73	73	74	71	70	65	68	71	71	69	73	74	73	73	75	73	74	76	72	69	72	71	70	70	[illegible]	71.4
Hot Springs	Maximum	93	92	92	89	86	92	97	99	98	98	94	96	95	97	97	98	96	94	95	96	96	95	92	90	88	96	98	94	96	85	74	93.5
	Minimum	69	69	72	70	69	69	70	71	72	69	70	64	68	72	69	70	71	72	71	70	80	71	70	70	70	69	71	71	70	71	62	70.1
Jonesboro	Maximum	94	94	94	91	93	95	98	98	98	95	91	93	94	95	96	97	100	90	88	92	90	87	90	85	84	92	95	96	93	89	74	92.3
	Minimum	74	75	73	75	74	73	75	75	78	71	70	68	72	75	71	72	73	70	72	68	72	62	72	70	69	70	70	73	70	65	65	71.4
Lead Hill	Maximum	96	92	95	93	90	94	98	98	98	96	93	94	95	99	98	95	97	82	90	92	91	89	95	74	86	94	95	96	94	86	83	92.5
	Minimum	70	64	66	71	67	65	64	69	65	64	63	58	64	60	66	66	66	69	69	64	72	68	68	66	58	61	68	68	67	68	63	65.7
Little Rock	Maximum	92	92	90	88	88	93	94	97	96	91	91	91	92	94	94	95	95	93	88	93	96	88	91	84	84	91	93	94	90	83	73	90.8
	Minimum	74	74	74	75	72	73	74	74	72	71	74	71	74	75	75	74	75	71	71	72	70	71	74	71	69	72	75	76	73	73	64	72.7
Lurton	Maximum	..	86	85	..	84	86	88	92	89	85	84	85	85	89	92	91	90	80	85	87	89	83	88	69	82	85	87	88	87	75	72	85.1
	Minimum	..	68	69	..	68	67	68	70	69	67	67	63	66	69	69	71	70	67	67	68	72	67	67	63	63	68	69	71	69	60	51	67.0
Lutherville	Maximum	97	96	94	89	86	93	97	99	100	94	92	96	98	100	99	101	101	91	93	95	98	91	100	89	87	94	95	97	94	82	78	94.1
	Minimum	70	72	71	72	71	70	68	72	68	68	71	67	73	74	71	70	72	71	71	70	72	70	72	68	67	70	73	72	71	67	66	70.3
Magnolia	Maximum	95	95	95	92	..	..	98	97	97	93	94	92	97	98	97	100	99	100	91	100	102	101	98	99	91	97	100	97	92	90	89	96.1
	Minimum	71	72	72	75	..	..	71	73	74	72	69	69	69	74	70	70	72	73	73	73	75	74	73	76	72	70	72	72	71	72	70	72.0
Malvern	Maximum	93	91	91	90	90	94	98	100	100	96	97	95	97	97	98	99	98	95	93	97	98	97	95	91	89	98	99	99	97	89	73	94.6
	Minimum	69	70	72	74	71	71	70	73	71	68	70	64	70	73	71	70	70	73	70	72	73	71	71	74	71	69	71	71	71	72	64	70.6
Mammoth Spg	Maximum	95	92	94	90	87	94	95	97	94	90	86	88	91	96	93	97	97	86	88	91	90	85	93	86	80	89	96	88	92	85	85	90.6
	Minimum	69	69	71	71	68	68	72	69	68	68	65	67	65	70	68	67	74	70	66	70	67	67	70	67	68	72	68	69	70	66	57	68.2
Marshall	Maximum	95	92	93	90	88	96	96	97	97	92	90	90	89	91	94	98	97	91	86	93	92	87	93	83	87	91	94	93	88	91	83	91.5
	Minimum	68	71	72	74	68	68	65	67	64	64	62	59	64	65	65	66	68	69	68	67	78	67	72	67	65	68	70	68	68	67	65	67.4
Mena	Maximum	92	91	90	85	85	91	93	95	93	89	91	91	90	92	93	97	97	88	91	94	97	94	95	87	82	92	94	94	92	86	73	90.8
	Minimum	70	74	72	74	70	70	70	71	70	69	69	64	65	71	69	67	71	73	67	71	74	69	72	71	70	68	71	70	69	70	68	70.0
Mount Ida	Maximum	90	88	88	86	83	89	95	94	97	92	92	92	91	94	96	97	90	91	92	92	97	90	92	84	83	93	94	97	90	80	75	90.5
	Minimum	66	67	71	73	69	67	69	69	70	67	66	60	63	67	67	65	66	70	68	69	70	69	74	70	71	68	63	68	68	70	68	68.2
Newport	Maximum	97	96	96	93	94	95	101	102	102	98	96	97	98	97	100	98	101	93	91	92	95	90	92	82	88	98	100	100	96	95	75	95.1
	Minimum	74	72	73	74	74	72	70	74	72	72	72	68	70	72	72	71	72	72	71	69	75	69	72	70	69	70	71	72	71	72	65	71.4
Pine Bluff	Maximum	97	97	97	94	93	100	102	104	104	101	99	00	97	102	104	104	101	100	92	98	100	98	95	97	89	99	102	101	96	84	79	97.6
	Minimum	74	74	74	76	74	73	74	76	75	73	75	68	75	75	75	74	76	76	71	72	76	71	74	77	74	73	74	74	75	75	67	73.9
Portland	Maximum	93	93	94	91	94	95	97	99	97	95	95	94	97	93	96	98	98	97	90	98	97	98	97	97	93	93	98	93	91	89	87	94.7
	Minimum	70	72	72	73	69	70	72	73	73	72	72	69	72	71	70	70	71	71	74	70	73	71	70	73	70	69	71	69	69	73	73	71.2
Prescott	Maximum	95	93	94	93	92	95	97	98	98	93	94	94	94	96	97	99	99	96	93	98	100	99	99	94	95	96	99	98	99	90	79	95.4
	Minimum	73	71	74	75	70	71	73	75	77	72	74	68	71	73	73	71	74	74	74	73	75	72	73	72	75	72	70	72	73	72	71	72.6
Rison	Maximum	94	93	92	92	90	95	96	99	98	97	95	94	98	99	99	98	100	99	94	100	103	99	97	96	87	96	98	95	93	85	83	95.3
	Minimum	72	72	73	74	71	71	73	74	72	69	70	66	72	73	72	70	71	70	71	71	70	70	68	72	72	72	73	72	72	73	69	71.3
Searcy	Maximum	84	95	95	92	91	91	99	99	99	94	93	95	94	97	96	97	96	93	92	90	94	87	89	83	86	93	96	97	94	88	74	92.4
	Minimum	81	70	70	75	72	72	70	73	73	69	72	67	71	71	71	71	70	71	89	69	74	70	71	70	69	69	71	71	70	73	66	71.0
Stuttgart	Maximum	94	93	93	92	91	95	97	99	96	95	93	95	97	97	97	99	96	96	88	94	93	92	93	89	87	94	95	94	93	89	77	93.3
	Minimum	72	73	78	74	71	72	70	73	70	68	69	63	72	71	70	69	73	74	70	70	72	68	72	74	72	70	71	72	72	71	64	70.8
Texarkana	Maximum	97	95		93	93	95	99	102	103	99	99	98	98	96	103	102	101	98	96	100	103	100	98	95	98	102	104	105	101	95	91	98.5
	Minimum	70	72	95	75	70	70	73	75	74	73	71	68	68	70	73	73	73	72	73	73	75	75	73	73	73	70	73	74	72	71	70	72.2
Thornburg	Maximum	92	91	73	88	85	90	93	95	95	92	92	91	93	92	94	97	96	91	89	92	97	87	90	82	85	93	98	92	90	79	74	90.3
	Minimum	65	65	90	74	68	67	63	66	65	65	64	65	55	61	64	64	61	67	68	68	68	70	67	75	67	73	64	67	67	65	61	66.4
Warren	Maximum	93	93	73	91	91	95	97	101	95	94	95	94	92	92	97	94	95	96	96	94	92	93	96	95	93	93	89	92	95	88	83	93.4
	Minimum	78	78	92	78	78	74	74	75	75	74	75	74	68	73	74	72	74	75	76	75	73	77	72	74	77	72	71	73	73	73	65	74.1
Wilson	Maximum	92	94	78	89	91	94	95	95	95	92	95	92	89	92	95	96	93	94	96	89	89	89	86	86	90	89	90	92	95	86	76	91.2
	Minimum	69	72	92	76	73	72	75	73	75	70	75	70	70	70	73	74	75	68	67	70	70	69	76	70	71	74	72	70	70	70	68	71.5
Wynne	Maximum	95	94	78	92	94	96	98	100	98	96	98	96	94	96	96	96	96	99	98	96	87	92	88	89	91	89	90	95	97	89	68	93.3
	Minimum	70	72	95	73	67	67	70	70	69	68	69	68	68	64	72	73	69	68	69	73	70	71	68	68	74	72	72	71	72	67	62	69.8
				73																													

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

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CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

OL. XXXIII LITTLE ROCK, ARK., SEPTEMBER, 1928 No. 9

GENERAL SUMMARY

September, 1928, was an unusually cool, dry month, lower mean temperatures for the State being reported but three times in the past 38 years, and the average precipitation being the least on record in that time.

The mean temperature for 56 stations was 70.5° which is .7° below normal. The lowest September mean on record is 7.3° which occurred in 1918, lower means than those of the ast month also being reported in 1902 and 1924. Hot Springs nd Pine Bluff were the only stations in the State having positive temperature departures, the departures at those places eing +0.5° and +0.3°, respectively. The greatest departure ccurred in northern and eastern portions where a number of tations reported —6.0° or more. The highest temperature for he month was 101° at Texarkana on the 15th, three other tations having 100°. The lowest temperature reported was 32° at Dutton on the 24th, two other stations having 33°. The highest temperatures occurred at nearly all stations from the 8th to the 14th and on the 29th, the lowest on the 19th or 24th.

The average precipitation for the 86 stations reporting was 0.45 of an inch which is 2.98 inches less than normal. The least previous September average in the past 38 years was 0.60 of an inch in 1897. No rainfall was reported during the month at 12 stations and only a trace at five other stations. The monthly amounts were greater in eastern and southern portions than elsewhere, 2.60 inches at Wynne being the greatest monthly amount reported. Ten other stations reported an inch or more. The greatest 24 hour amount was 2.40 inches at Brinkley on the 1st.

Heavy frost occurred at Corning and Dutton on the 24th, light frost at a number of northern stations.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--5th, 1; 10th, 4; 14th, 12; 15th, 18; 16th, 3; 21st, 1: 29th, 3.

DENSE FOG:------1st, 1; 4th, 1; 7th, 1; 8th, 1; 16th, 1; 17th, 1; 18th, 1; 19th, 1; 20th, 4.

SOLAR HALOS:---9th. 1; 12th, 1; 21st, 1; 22d, 3; 26th, 1.

HEAVY FROST:---Corning, Dutton, 24th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.04	30.29	6	29.80	30	2,897	15	s.	7	.....	.....	92
Fort Smith	30.03	30.27	6	29.80	12	4,077	17	nw.	29	78	49	80
Little Rock	30.04	30.27	6	29.82	29	4,673	20	n.	18	75	53	85
Memphis	30.04	30.22	6	29.80	29	3,873	19	n.	15	74	55	88

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**74.2**		**113**		**28**		**3.43**		**17**	**7**	**6**	**6**
1891	73.4	-0.8	102	24	40	4	0.94	−2.49	22	6	2	2
1892	70.8	−3.4	96	10	32	14	2.14	−1.29	23	4	3	3
1893	74.0	−0.2	103	14	36	26	3.75	+0.32	19	5	6	5
1894	73.1	−1.1	100	6	38	25	3.56	+0.13	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	−2.07	19	7	4	4
1896	73.3	−0.9	106	17	35	29	3.25	−0.18	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	−2.88	21	7	2	2
1898	75.2	+1.0	104	2	40	7	7.35	+3.92	15	6	9	8
1899	71.9	−2.3	109	3	28	29	1.21	−2.22	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.82	12	12	6	7
1901	72.6	−1.6	101	8	32	18	3.08	−0.35	18	8	4	4
1902	68.4	−5.8	99	8	30	13	5.06	+1.63	15	8	7	8
1903	70.7	−3.5	102	15	34	17	2.47	−0.96	18	7	5	5
1904	75.4	+1.2	101	10	37	15	2.46	−0.97	15	9	6	5
1905	74.2	0.0	100	1	44	4	3.90	+0.47	16	7	7	8
1906	75.7	+1.5	100	1	47	30	6.24	+2.81	11	9	10	10
1907	73.9	−0.3	106	7	38	29	2.22	−1.21	19	8	3	4
1908	73.4	−0.8	101	7	29	28	4.00	+0.57	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2.84	−0.59	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	−1.02	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.24	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	−1.03	18	8	4	4
1913	71.7	-2.5	108	4	33	21	10.10	+6.67	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	−0.24	16	9	5	5
1915	74.9	+0.7	100	19	34	22	1.43	−2.00	16	8	6	3
1916	72.5	−1.7	102	4	30	30	3.40	−0.03	19	6	5	6
1917	71.8	−2.4	99	1	37	29	1.76	−1.67	18	7	5	4
1918	67.3	−6.9	104	15	29	21	4.63	+1.20	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	−0.71	15	8	7	4
1920	74.9	+0.7	100	15	30	30	3.56	+0.13	17	6	7	6
1921	79.6	+5.4	104	2	35	30	3.38	−0.05	14	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	−2.18	22	5	3	3
1923	73.0	-1.2	98	11	45	23	5.56	+2.13	12	7	11	9
1924	69.7	−4.5	103	7†	29	30	3.99	+0.56	17	5	8	7
1925	80.5	+6.3	113	6	47	12	5.96	+2.53	16	7	7	7
1926	76.8	+2.6	101	13	40	26	3.99	+0.56	14	8	8	7
1927	75.9	+1.7	105	17	32	21	3.37	−0.06	16	8	6	6
1928	70.5	−3.7	101	15	32	24	0.45	−2.98	22	5	3	1

Corrections: August, 1928

Mount Ida:---Number days partly cloudy and cloudy, 6 and 7.

Newport:--------Monthly mean temperature 83.2°, departure +3.4°.

Climatological Data for September, 1928

Station	County	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Precipitation, inches Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	33	73.6[1]	−0.6	97[1]	17	46[1]	24	42[1]	0.06	−3.29	0.60	0.0	0	14[1]	6[1]	1[1]	n.	G. C. Thrash
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	0.40	−2.24	0.40	0.0	1	23	5	2	ne.	W. K. Brown
Arkansas City	Desha	115	44	.....	.....	.....	.....	.....	.....	.....	0.80	−2.12	0.80	0.0	1	.	..	..	.....	Carl R. Cutting
Aribers	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0.0	0	20	10	0	ne.	J. D. Reeves
Batesville	Independence	277	29	67.0	−6.0	94	29	36	24	44	0.57	−3.33	0.51	0.0	3	23	4	3	e.	Mrs. Felix J. Teter
Bee Branch	Van Buren	700	36	70.0	−4.4	94	14	39	24	40	0.85	−2.77	0.55	0.0	1	23	6	1	s.	J. E. Scanlan
Bentonville	Benton	1303	23	66.6	−2.3	89	13	40	24	34	0.43	−3.04	0.31	0.0	3	29	1	0	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	0.80	−2.44	0.80	0.0	1	25	3	2	s	Vernon C. Howe
Blytheville	Mississippi	252	3	69.6	.....	93	13	41	24	37	0.36	.....	0.36	0.0	1	27	8	0	n.	W. Ebuer
Booneville	Logan	465	14	71.6	−4.0	96	14	48	24	44	0.06	−3.12	0.01	0.0	2	23	3	4	n	F. H. dandolph
Brinkley	Monroe	205	41	69.4	−5.2	93	13†	39	24	41	2.40	−0.83	2.40	0.0	1	21	7	2	ne.	R. J. Terry
Calico Rock	Izard	361	24	68.0	−3.8	94	9†	37	24	46	0.71	−2.86	0.54	0.0	3	17	13	0	nw	W. J. Copp
Camden	Ouachita	158	43	71.6	−3.8	95	12†	42	24	45	0.34	−2.98	0.28	0.0	2	15	9	6	ne.	A. B. Quarterman
Center Point	Howard	470	29	75.4	−1.3	96	8†	51	24	36	0.19	−3.43	0.19	0.0	1	20	7	3	se.	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	1.16	−2.44	1.15	0.0	2	20	3	7	n	J. W. Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	0.71	.....	0.71	0.0	1	17	11	2	sw.	A. L. Stephens
Conway	Faulkner	309	45	71.2	−3.8	96	13	41	24	39	0.60	−3.51	0.60	0.0	0	28	2	0	sw.	E. E. Cordrey
Corning	Clay	293	35	68.2	−4.2	95	13	34	24	44	0.47	−3.25	0.47	0.0	1	30	0	0	w.	Winfred D. Polk
Corning (river)	Clay	260	4	.....	.....	.....	.....	.....	.....	.....	0.65	.....	0.65	0.0	1	25	1	1	.....	Henry Stafford
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.20	0.0	1	25	0	5	s.	J. O. Linck
Crossett	Ashley	175	14	70.8[2]	.....	94[m]	15	46[n]	26†	42[n]	0.19	.....	0.19	0.0	1	6[m]	3[m]	7[n]	ne.	A. E. Wackerman
Dam No. 1 ‡‡	White	196	5	.....	.....	.....	.....	.....	.....	.....	0.27	.....	0.27	0.0	1	30	0	0	ne	I. O. Vaughn
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	T.	−2.95	T.	0.0	0	27	0	3	s.	C. G. Hudson
Dardanelle	Yell	340	42	71.4	−3.0	94	13	45	24	34	0.44	−2.85	0.44	0.0	1	22	6	0	se.	G. N. Goodier, Jr
De Valls Bluff	Prairie	158	1	.....	.....	.....	.....	.....	.....	.....	1.18	.....	1.18	0.0	2	29	0	1	..	H. G. Pate
Dumas	Desha	162	22	70.4	−5.2	95	12†	43	24†	43	0.02	−3.75	0.02	0.0	1	15	13	2	n.	Ben Johnson
Dutton	Madison	1500	25	68.8	−4.9	89	15†	32	24	47	T.	−4.19	T.	0.0	0	25	4	1	s.	J. M. Ricketts
El Dorado	Union	270	27	74.1	−1.8	96	10†	41	24	39	0.62	−2.66	0.42	0.0	2	12	12	6	n.	J. J. Babb
England	Lonoke	229	21	70.8[2]	−4.3	92[l]	9†	40	24	34[l]	T.	−3.70	T.	0.0	0	22	5	0	n	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	69.2	−2.6	93	16	41	24	39	0.47	−3.43	0.12	0.0	5	21	9	3	ne.	Geo. W. Nicholds
Evening Shade	Sharp	650	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	.	.	.....	.....
Fayetteville	Washington	1451	41	68.8	−3.6	90	13†	37	24	45	0.47	−2.71	0.31	0.0	2	25	2	3	s.	University of Arkansas
Fort Smith	Sebastian	457	47	71.9	−2.1	96	12	47	24	32	0.05	−2.94	0.05	0.0	1	19	6	5	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	0.05	.....	0.05	0.0	1	28	1	1	ne.	J. R. Mc Cuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	0.25	−2.19	0.25	0.0	1	17[a]	5[a]	7[a]	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	2.15	−1.80	1.55	0.0	2	22	3	5	w.	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	0.52	.....	0.37	0.0	5	19	10	1	.....	Ben F. Battenfield
Gravelly	Polk	900	9	71.1	.....	98	30	40	24	51	0.15	.....	0.15	0.0	1	25	1	4	nw	W. E. McVay
Grannis	Beaton	1250	31	68.0	−2.8	92	13	41	24	34	0.44	−2.97	0.36	0.0	2	23	6	1	ne.	A. F. Stevens
Gravette	Benton	1052	27	69.0	−1.2	98	9†	35	24	50	0.08	−3.51	0.08	0.0	1	25	4	1	.....	G. L. Wright
Harrison	Phillips	250	56	71.0	−3.8	95	9†	43	19	39	1.26	−2.17	1.10	0.0	2	22	1	7	n.	James A. Burnett
Helena	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	0.61	.....	0.55	0.0	3	24	6	0	n.	Geo W. Baker
Hope	Hempstead	377	57	71.8	−1.2	100	13†	42	24	49	0.10	−2.89	0.10	0.0	1	22	7	1	n.	N. P. O' Neal
Hot Springs	Garland	600	37	75.9	+0.5	96	15	49	22	33	T.	−3.47	T.	0.0	0	28	1	1	.....	G. C. Bolton
Index ‡‡	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	0.26	.....	0.22	0.0	2	18	3	9	.....	H. G. Sanderson
Jessieville	Garland	750	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	U. S. Forest Service
Jonesboro	Craighead	345	33	70.6	−3.7	95	13	42	24	39	0.84	−2.65	0.52	0.0	2	29	1	0	sw.	Benedictine Sisters
Junction	Union	182	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	.	.	.....	J. A. Powderbuck
Lacabrook	Phillips	155	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	.	.	.....	Mrs. D. C. White
Lead Hill	Boone	650	1	66.6	.....	95	13	33	24	45	0.11	.....	0.11	0.0	1	26	3	1	s	J. H. Crosswhite
Little Rock	Pulaski	357	49	71.6	−2.5	91	13	49	24	28	0.52	−2.74	0.52	0.0	1	20	6	4	ne.	U. S. Weather Bureau
Lurton	Newton	2100	3	65.7	.....	85	10†	44[b]	24	32[b]	0.66	.....	0.66	0.0	0	29	1	0	s	I. C. Sutton
Lutherville ‡‡	Johnson	775	30	70.9	−2.7	94	13	45	24	35	0.02	−3.43	0.02	0.0	1	24	4	2	w.	H. G. Lenhardt
Magnolia	Columbus	315	9	73.6	.....	99[c]	12	48[c]	24†	41[c]	0.12	.....	0.12	0.0	1	13[c]	10[c]	5[c]	ne.	State Agri. School
Malvern	Hot Springs	277	41	72.7	−1.6	97	14†	43	25	46	0.19	−2.99	0.16	0.0	2	25	3	2	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	23	68.2	−3.2	96	10	35	23	44	0.42	−3.49	0.08	0.0	2	27	2	1	n.	W. C. Gregg
Marianna	Lee	235	16	69.8	−3.2	88	8†	43	26	36	0.05	−3.19	0.05	0.0	1	29	0	1	s.	C. N. Houck
Marked Tree	Poinsett	229	23	67.8	−6.3	92	12	37	23	44	0.81	−1.63	0.73	0.0	2	22	8	0	n.	Charles Walton
Marshall	Searcy	1070	14	66.1	−6.1	90	13†	34	24	41	0.16	−3.48	0.25	0.0	3	23	5	2	n	A. J. Parks
Mena ‡‡	Polk	1185	40	72.0	−1.8	93	8†	48	19†	41	0.07	−3.52	0.07	0.0	1	24	2	4	ne.	E. W. St. John
Morrilton	Conway	347	7	71.6	.....	94	17	42	24	37	0.60	.....	0.60	0.0	0	22	7	1	ne.	John Cook
Mountain Home	Baxter	800	14	67.4	−3.6	94	14	35	24	43	0.37	−3.69	0.32	0.0	2	25	4	1	n.	B. S. Halbert
Mount Ida	Montgomery	650	29	68.9	−4.0	93	8†	37	24	45	0.00	−3.19	0.00	0.0	0	25	3	2	ne.	G. A. Whittington
Nashville	Howard	350	1	..	..	..	..	..	..	..	.....	.....	.....	.....	..	..	..	..	.....	L. H. Skillern
Newport	Jackson	241	44	72.5	−1.3	100	29	40	24	46	2.13	−1.65	1.52	0.0	2	23	7	0	s.	A. C. Wilkerson
Norman	Montgomery	750	1	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0.0	0	23	7	0	.....	U. S. Forest Service
Olen	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	0.25	.....	0.25	0.0	1	23	4	3	...	U. S. Forest Service
Osceola	Mississippi	240	30	69.7	−3.5	93	14	44	24	41	0.40	−2.26	0.40	0.0	1	25	3	4	n.	June Thomason
Ozark ‡‡	Franklin	396	32	71.0[c]	−5.1	95[c]	12	42[c]	25	43[c]	T.	−2.99	T.	0.0	0	19[c]	2[c]	6[c]	se	Isham Burrow
Paragould	Greene	301	2	...	...	.....	.....	.....	.....	.....	0.12	.....	0.12	0.0	1	28	1	1	n.	W. R. Heagler
Patterson	Woodruff	196	12	.....	.....	.....	.....	.....	.....	.....	1.31	1.42	0.91	0.0	3	26	2	2	n.	W. E. Baker
Piggott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.64	0.0	2	26	4	0	ne.	V. C. Wright
Pine Bluff	Jefferson	215	41	76.3	+0.3	100	9†	49	26†	45	0.14	−3.47	0.14	0.0	1	21	5	4	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	45	69.4	−5.4	94	13	40	24	38	0.08	−3.50	0.05	0.0	1	24	6	0	n.	Benedictine Sisters
Portland	Ashley	122	22	72.1	−4.3	92	14†	43	25	44	0.40	−2.35	0.40	0.0	1	14	10	6	n.	W. E. Edmiston
Prescott	Nevada	329	40	74.0	−1.8	95	13	45	24	43	0.14	−2.81	0.14	0.0	1	19	6	5	e.	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	1.20	−2.13	0.65	0.0	2	13	13	4	.....	Mrs. F. P. Coleman
Rison	Cleveland	248	27	73.6	−2.2	96	13	44	24	40	0.00	−3.37	0.00	0.0	0	19	6	5	w.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	67.9	−3.2	92	13	37	24	43	0.30	−3.20	0.22	0.0	2	23	6	1	sw.	Carl A. Starck
St. Francis	Clay	290	1	.....	.....	.....	.....	.....	.....	.....	0.98	.....	0.98	0.0	1	29	0	1	.....	S. T. Rooney
Searcy	White	236	19	70.8	−2.6	95	13	42	24	38	1.53	−1.76	1.08	0.0	2	26	0	4	s.	J. T. Bell
Springbank ‡‡	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	T.	−3.30	T.	0.0	0	20	1	9	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	0.30	.....	0.30	0.0	1	26	3	1	n.	S. C. Story
Stuttgart	Arkansas	225	43	7.02	−4.6	98	13	40	24	43	0.00	−3.44	0.00	0.0	0	21	8	1	n.	Adam F. Buerkle
Subiaco	Logan	1050	31	71.6	−2.0	95	14	46	19†	41	T.	−3.24	T.	0.0	0	17	6	7	s.	New Subiaco Abbey
Texarkana	Miller	332	42	76.6	−0.2	101	15	47	24	43	0.15	−0.58	0.15	0.0	1	16	4	10	s.	H. S. Brashear
Thornburg	Perry	650	4	67.5	.....	93	29	38	24	46	0.19	.....	0.19	0.0	1	23	5	2	s.	Edward E. Holmes
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	0.02	.....	0.02	0.0	1	20	5	5	se.	Dr. Cheves Bevill
Warren	Bradley	206	34	72.5	−3.5	92	14	46	24	32	1.50	−2.68	1.50	0.0	1	23	6	1	sw	Miss Evelyn Hoyle
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0.0	0	24	6	0	w.	J. R. Huddleston
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	0.00	−2.39	0.00	0.0	0	18	10	2	ne.	Nannie O. Schirmer
Wilson	Mississippi	237	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.6	..	..	..	..	.....	M. W. H. Collins
Wynne	Cross	250	20	69.6	−4.2	93	13†	40	24†	42	2.60	−0.83	2.30	0.0	3	25	1	4	n.	E. O. Allen
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	0.76	.....	0.65	0.0	2	19[a]	3[a]	7[a]	.....	W. E Barton
State Means and Extremes				70.5	−3.7	101	15	32	24	51	0.45	−2.98	2.40	0.0	1	22	5	3	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Dam No. 1, Judsonia; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for September, 1928

Stations	Drainage-basin	Day of Month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita																																0.00
Arkadelphia	Ouachita	.40																															0.40
Arkansas City	Mississippi	.80																															0.80
Arlberg	White																																0.00
Batesville	White	.04									.02				.51															T.			0.57
Bee Branch	Arkansas									T.					.35																		0.35
Bentonville	Arkansas					.11				.31																				.01			0.43
Black Rock	White	T.										T.			.80													T.					0.80
Blytheville	Mississippi													.36																			0.36
Booneville	Arkansas									T.				.04	.02																		0.06
Brinkley	White	2.40																															2.40
Calico Rock	White					T.	.03				.04				.64															T.			0.71
Camden	Ouachita	.06															.28																0.34
Center Point	Red									.19																							0.19
Charleston	White	1.15													.01																		1.16
Clinton	White														.71																		0.71
Conway	Arkansas																																0.00
Corning	White														.47																		0.47
Corning (river)	White					T.					T.				.65																		0.65
Cotter	White														.20															T.			0.20
Crossett	Ouachita																.19																0.19
Dam No. 1	White													.27																			0.27
Danville	Arkansas					T.																											T.
Dardanelle	Arkansas										.44				T.															T.			0.44
De Valls Bluff	White	1.18													.10																		1.28
Dyess	Mississippi	02													T.																		0.02
Dyson	White													T.																			T.
El Dorado	Ouachita	.20															.42							T.									0.62
England	Arkansas													T.																			T.
Eureka Springs	White			.08		.10				.12				.12																.05			0.47
Evening Shade	White																																
Fayetteville	White		T.	T.						.31				.16																			0.47
Fort Smith	Arkansas								T.	.05			T.																	T.			0.05
Freeman Spgs.	Arkansas					T.									.05																			0.05
Fulton	Red	T.									.25																						0.25
Georgetown	White	1.55													.63																		2.18
Gilbert	White					.05	.02				.37				.03													T.		.05			0.52
Grannis	Red									.15																							0.15
Grayette	Arkansas							.08		.36																							0.44
Harrison	White																													.08			0.08
Helena	Mississippi	1.10	.16														T.																1.26
Higden	White									.03					.58															.02			0.61
Hope	Red								T.						.10																		0.10
Hot Springs	Ouachita	T.																															T.
Imboden	Red	.22																.04															0.26
Jessieville	Ouachita																																
Jonesboro	White	.32													.52																		0.84
Junction	Ouachita																																
Lambrook	White					.11				T.																				T.			0.11
Leaf Hill	White														.52																		0.52
Little Rock	Arkansas																																0.00
Lurton	White										.02				T.															T.			0.02
Lutherville	Arkansas														.12																		0.12
Magnolia	Red																																0.19
Malvern	Ouachita	.16												.03																			0.12
Mammoth Spg.	White									.04				.08																			0.05
Marianna	Mississippi	05																															0.81
Markel Tree	Mississippi	.73													.08																		0.40
Marshall	White					T.				.25					.09															.06			0.07
Mena	Ouachita	.07										T.			T.																		0.00
Morrilton	Arkansas																																0.37
Mountain Home	White					.05				T.				.32																			0.00
Mount Ida	Ouachita																																
Nashville	Red																																2.10
Newport	White	.58													1.52																		0.00
Norman	Ouachita																																0.25
Oden	Ouachita									.25					T.																		0.40
Osceola	Mississippi	.40										T.																					T.
Ozark	Arkansas																																0.12
Paragould	Mississippi																																1.34
Patterson	White	.91	.05												.38															.16			0.80
Piggott	Mississippi														.61																		0.14
Pine Bluff	Arkansas	.14																															0.08
Pocahontas	White														.05																		0.40
Portland	Ouachita	.40																															0.14
Prescott	Ouachita														.14																		1.20
Princeton	Ouachita	65													.55																		0.00
Rison	Ouachita																																0.30
Rogers	White					.05				.22																				T.	T.		0.98
St. Francis	Mississippi														.98																		1.53
Searcy	White	.15													1.08		T.	T.						T.									T.
Springbank	Red	T.																															0.30
Stock	Ouachita													.30																			0.00
Stuttgart	Arkansas														T.																			T.
Subiaco	Arkansas					T.				T.																							0.15
Texarkana	Red															.15																	0.19
Thornburg	Arkansas									.19																							0.02
Waldron	Arkansas				T.					T.				.02																			1.50
Warren	Ouachita														1.50																		0.00
Waters	Ouachita																																0.00
Whitecliffs	Red																																
Wilson	Mississippi																																2.60
Wynne	Mississippi	2.30	.10												.20																		0.76
Yaucopin	Arkansas	11													.65																		

Daily River Stages for September, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.5	5.6	5.6	5.3	5.0	5.0	5.0	4.7	4.3	4.0	4.0	3.9	4.1	4.7	4.4	4.3	3.9	3.7	3.4	3.4	3.1	3.1	3.0	2.9	3.2	3.0	2.8	2.6	2.6	2.5	
Ozark	do	22	3.9	3.2	2.8	2.0	2.8	2.8	2.8	2.8	2.4	2.0	1.8	1.8	1.7	1.9	2.3	2.2	2.0	1.7	1.5	1.4	1.4	1.0	0.9	0.8	0.6	0.8	0.7	0.7	0.7	0.6	
Dardanelle	do	20	5.3	5.0	4.8	4.6	4.5	4.5	4.4	4.3	4.0	4.0	4.0	3.8	3.7	3.6	3.8	3.9	3.9	3.9	3.8	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.1	
Morrilton	do	20	4.0	3.6	3.4	3.2	2.8	2.5	2.3	2.0	2.0	2.0	1.8	1.6	1.4	1.2	1.1	1.2	1.0	1.0	1.0	0.8	0.7	0.6	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.2	
Little Rock	do	25	5.0	4.3	4.0	3.0	2.9	2.8	2.5	2.3	2.0	2.0	1.9	1.8	1.5	1.2	1.1	1.0	1.4	1.3	1.2	1.2	0.9	0.7	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	
Pine Bluff	do	25	10.3	9.8	9.2	8.7	8.3	8.0	7.8	7.7	7.4	7.3	7.3	7.2	7.0	6.8	6.6	6.5	6.4	6.5	6.6	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.5	5.4	5.3	5.8	
Yancopin	do	20	16.5	16.3	15.6	15.0	14.2	13.5	13.3	13.1	13.0	12.9	12.7	12.6	12.5	12.3	12.0	11.5	11.0	10.5	10.2	10.3	10.7	11.2	10.8	10.5	10.0	9.5	9.0	8.8	8.6	8.4	
Danville	Petit Jean	20	4.3	2.5	2.1	1.9	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.6	3.6	3.1	2.6	3.1	3.0	3.8	2.5	2.9	2.7	2.1	2.8	2.7	2.9	2.3	1.9	1.7	1.8	1.7	1.8	2.0	2.2	2.1	1.7	1.6	1.4	1.5	1.6	1.5	1.5	
Calico Rock	do	18	3.9	3.5	2.6	2.0	1.8	2.3	1.7	1.5	1.5	1.8	1.5	1.2	1.8	1.7	1.6	1.5	1.8	1.0	0.8	0.8	0.9	1.0	1.1	0.9	0.8	0.7	0.8	0.7	0.6	0.6	
Batesville	do	28	8.7	9.0	8.5	7.8	7.0	6.8	7.3	6.7	6.5	6.5	6.8	6.4	6.3	6.7	7.3	6.8	6.4	6.1	5.9	5.7	5.6	5.6	5.7	5.9	5.7	5.6	5.5	5.5	5.5	5.5	
Newport	do	26	8.8	8.0	7.5	6.7	5.8	5.1	4.9	5.0	4.7	4.4	4.4	4.4	4.0	4.0	4.0	5.1	5.8	5.8	5.0	4.9	3.8	3.6	3.6	3.6	3.5	3.5	3.3	3.1	3.0	3.0	
Georgetown	do	20	13.0	12.5	11.7	11.1	10.2	9.4	8.3	7.7	7.2	6.9	6.2	6.1	5.7	5.5	5.5	5.3	5.7	6.2	6.1	5.8	5.4	5.0	4.6	4.4	4.2	4.0	3.9	3.8	3.7	3.6	
De Valls Bluff	do	21	17.8	17.6	17.1	16.5	15.9	14.9	13.9	12.8	12.0	11.4	11.0	10.5	10.1	9.7	9.7	9.6	9.5	9.9	10.5	10.5	10.1	9.6	9.1	8.8	8.5	8.3	8.2	8.1	7.9	7.8	
Clarendon	do	34	19.2	20.0	20.3	20.2	19.7	19.0	18.0	16.9	15.8	14.9	14.2	13.6	13.1	12.7	12.5	12.2	12.0	12.0	12.4	12.6	12.5	12.1	11.7	11.3	11.0	10.8	10.6	10.5	10.4	10.2	
Gilbert	Buffa lo	12	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	
Black Rock	Black	14	6.6	6.3	5.4	5.3	5.2	4.9	4.7	4.7	4.7	4.5	4.5	4.5	4.4	4.4	4.4	4.6	4.5	4.3	4.0	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4		
Dam No. 1	Little Red	..	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-2.0	-2.1	-2.2	-2.3	-2.4	-2.5	-2.6	-2.7	-2.7	-2.8	
Camden	Ouachita	30	5.0	5.7	6.0	5.0	4.9	4.6	4.5	4.1	4.1	4.0	4.0	4.0	4.0	3.8	3.8	4.1	4.5	4.6	4.6	4.5	4.4	4.3	4.3	4.2	4.2	4.4	4.4	4.1	4.1	4.0	
Fulton	Red	28	7.9	7.9	7.7	7.3	7.1	7.1	7.6	7.9	7.8	7.4	7.2	7.1	7.0	7.0	6.9	6.8	6.6	7.7	6.6	6.5	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	
Helena	Mississippi	44	18.6	18.3	17.5	16.7	16.5	16.7	17.4	18.1	18.6	19.0	19.2	19.5	19.7	19.4	18.8	18.1	17.3	16.5	16.7	17.9	19.1	19.3	18.9	18.0	17.1	16.3	15.7	15.4	15.1	14.5	
Arkansas City	do	43	21.5	22.0	22.2	22.2	21.5	20.5	20.4	20.7	22.3	21.7	21.9	22.1	22.3	22.4	22.2	21.8	21.1	20.4	19.6	19.2	19.6	20.9	21.5	21.5	20.8	20.0	19.0	18.0	17.5	17.0	

Daily Temperatures for September, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	83	84	77	78	75	80	84	88	92	90	91	90	93	91	88	90	82	77	79	83	77	74	71	72	76	74	81	83	94	80		82.6
	Minimum	57	55	57	46	48	46	46	51	56	63	67	65	65	69	67	55	58	45	41	44	46	48	48	36	39	40	44	44	50	45		51.4
Bentonville	Maximum	79	80	72	72	73	74	82	87	87	77	87	88	89	84	86	87	76	72	78	85	71	71	66	72	69	79	81	82	82	82		79.0
	Minimum	55	58	52	50	56	51	50	56	64	67	67	68	70	61	55	57	56	50	46	51	53	46	43	40	46	48	56	53	55	48		54.3
Bee Branch	Maximum	81	85	83	80	78	81	85	91	92	90	90	92	93	94	90	92	87	78	86	85	81	75	74	74	82	79	90	87	93	87		85.2
	Minimum	59	55	60	49	52	50	49	55	61	67	64	65	65	69	64	57	60	54	45	45	50	53	51	39	44	48	51	53	60	50		54.8
Blytheville	Maximum	78	82	76	74	73	79	86	88	90	91	89	90	93	91	86	86	79	74	75	83	84	75	67	71	73	74	84	83	91	84		81.6
	Minimum	61	59	64	53	53	54	59	63	64	69	71	66	70	74	67	62	61	53	48	46	53	53	52	41	49	47	51	51	61	54		57.6
Booneville	Maximum	83	86	81	77	80	81	89	94	90	85	94	95	95	96	93	94	89	80	89	82	83	76	78	80	86	85	88	91	92	88		86.7
	Minimum	58	58	60	52	56	51	50	56	65	74	67	68	67	75	66	57	57	56	45	53	50	55	49	43	47	50	53	54	59	48		56.6
Brinkley	Maximum	79	84	78	77	79	80	85	90	91	92	91	92	93	93	90	88	84	77	77	83	86	76	72	73	78	77	84	85	91	80		83.5
	Minimum	62	58	61	51	52	52	53	55	59	69	66	65	68	71	68	65	60	53	45	42	47	55	53	39	42	44	49	49	56	53		55.4
Calico Rock§§	Maximum	81	86	78	79	75	78	85	92	94	92	92	93	94	94	88	90	80	74	78	84	77	76	70	75	75	77	85	85	94	79		83.3
	Minimum	56	59	54	50	53	49	51	52	55	67	65	65	65	68	65	65	60	45	42	47	47	47	46	37	39	43	46	48	48	45		52.6
Camden§§	Maximum	76	86	83	81	82	83	89	93	93	94	93	96	96	93	94	90	91	80	81	87	84	77	76	77	88	85	85	89	93	85		86.7
	Minimum	63	64	62	54	54	52	53	56	60	63	69	68	66	68	71	69	60	58	47	44	45	50	58	42	43	45	51	50	53	59		56.6
Center Point	Maximum	79	91	87	82	84	84	90	96	94	87	91	94	95	96	95	94	94	88	84	87	88	76	79	79	89	80	87	87	96	96		88.1
	Minimum	65	68	65	60	56	54	60	64	69	73	71	72	72	73	72	70	65	59	55	56	58	62	58	51	53	56	63	59	63	61		62.8
Conway	Maximum	82	83	79	80	79	82	85	91	93	87	92	93	96	94	91	92	85	79	79	85	82	77	76	74	82	78	88	88	92	87		85.0
	Minimum	63	59	63	52	55	52	52	56	63	71	68	69	68	74	69	62	60	57	45	46	51	56	55	41	46	47	55	52	60	54		57.4
Corning	Maximum	83	85	79	76	77	82	86	92	93	92	92	91	95	92	92	92	82	80	78	84	83	79	73	73	76	74	85	83	93	84		84.2
	Minimum	55	56	57	47	49	47	48	55	57	68	70	64	66	72	66	57	60	48	43	40	45	46	47	34	43	39	44	48	54	45		52.3
Dardanelle	Maximum	81	84	82	76	77	79	84	90	90	88	91	92	94	93	87	88	86	79	79	83	80	73	71	75	79	76	86	84	92	85		83.5
	Minimum	61	58	64	53	58	54	52	59	66	73	70	70	71	73	69	61	62	57	49	49	54	57	55	45	52	53	57	56	61	57		59.2
Dumas	Maximum	75	80	79	78	78	80	87	91	93	94	91	95	95	95	90	90	97	76	75	87	88	75	72	72	84	80	82	57	90	75		84.0
	Minimum	62	65	60	58	52	51	53	57	61	67	66	65	68	70	69	69	58	53	45	44	50	58	55	43	43	48	59	50	58	56		56.9
Dutton	Maximum	81	80	80	64	77	67	79	86	88	75	85	86	89	87	81	89	82	75	82	80	70	71	70	76	76	78	88	82	86	84		79.8
	Minimum	59	58	55	42	45	39	41	47	55	65	61	62	60	65	49	46	48	42	35	41	45	42	40	32	40	39	45	44	52	38		47.7
El Dorado	Maximum	95	85	84	81	81	83	89	94	93	96	94	96	96	96	96	89	91	83	81	89	85	78	77	77	82	80	83	90	94	90		87.5
	Minimum	64	68	65	56	56	55	58	64	68	70	70	70	71	73	74	70	63	59	50	50	56	63	61	41	50	58	64	55	61	64		61.6
Eureka Springs	Maximum	83	80	78	75	78	79	83	88	89	79	88	88	91	84	90	93	85	79	84	88	75	76	71	75	71	82	85	86	86	85		82 5
	Minimum	56	58	50	50	56	50	50	64	67	66	68	70	70	71	58	57	60	50	45	51	55	48	50	41	18	50	50	53	62	49		55.8
Fayetteville	Maximum	81	84	76	74	78	79	82	88	88	84	82	89	90	86	87	90	86	78	84	85	78	73	70	76	78	84	88	86	87	88		82.6
	Minimum	57	58	53	51	59	49	49	61	67	67	68	70	71	75	54	51	57	47	42	47	54	47	49	37	52	50	56	49	62	43		55.1
Fort Smith	Maximum	85	86	78	74	80	79	86	90	85	78	94	96	95	91	89	90	85	78	78	86	74	73	76	78	81	79	85	86	88	82		83.5
	Minimum	62	61	62	57	61	57	56	61	68	71	69	70	72	72	65	62	64	58	51	54	57	58	54	47	52	54	59	58	63	55		60.3
Grannis	Maximum	86	87	85	84	84	84	89	94	89	88	92	92	94	94	95	95	97	84	86	87	88	74	81	78	88	83	88	88	92	98		87.9
	Minimum	61	66	58	58	49	47	47	53	60	66	63	63	64	65	66	64	55	53	42	42	46	57	54	40	41	51	56	47	47	47		54 3
Gravette	Maximum	80	80	80	73	76	76	82	88	86	77	87	88	90	82	87	89	88	84	79	84	76	72	70	74	68	81	81	84	80	83		80.8
	Minimum	58	52	49	51	56	50	51	55	63	67	67	70	71	71	53	56	54	52	50	51	53	49	48	41	47	50	61	54	60	50		55.3
Helena	Maximum	75	85	77	77	78	80	86	91	93	93	91	93	92	93	88	90	84	76	77	85	88	77	70	72	81	77	86	85	91	77		83.6
	Minimum	61	61	61	53	54	58	60	61	61	70	69	70	71	72	69	70	61	53	43	46	52	57	52	44	47	52	56	55	60	56		58.5
Hope	Maximum	77	96	88	84	85	85	92	97	98	99	99	99	100	100	100	97	95	84	84	84	84	82	78	82	94	90	89	92	98	89		90.7
	Minimum	62	66	62	54	54	52	52	49	65	70	70	72	71	73	70	67	60	54	46	47	50	62	55	44	45	52	62	51	60	64		59.0
Hot Springs	Maximum	84	87	88	90	91	92	94	95	94	92	95	94	92	93	94	96	88	84	80	79	78	74	81	84	85	89	88	87	87	89		88.2
	Minimum	68	66	67	67	66	62	61	68	68	72	69	68	67	69	68	71	62	62	61	58	53	49	58	59	55	57	58	62	64	71		63.6
Jonesboro	Maximum	81	84	86	78	77	81	87	90	93	91	91	92	95	92	89	91	84	76	78	86	82	75	70	73	75	77	83	85	90	81		83 8
	Minimum	61	59	61	53	53	53	56	57	62	67	68	67	67	74	67	61	66	54	49	47	51	56	55	42	52	48	50	53	58	54		57.4
Lead Hill	Maximum	83	88	76	78	76	80	86	92	92	84	93	93	95	94	91	92	82	76	81	82	75	77	70	78	73	78	85	88	88	81		83.4
	Minimum	56	53	52	44	51	45	44	49	56	68	62	68	63	69	52	51	50	41	36	40	47	43	43	33	42	45	47	45	60	42		49.9
Little Rock	Maximum	79	82	77	76	75	78	83	89	89	88	88	89	91	89	86	86	81	74	76	82	82	73	71	71	80	76	83	82	90	77		81.4
	Minimum	62	62	65	60	59	58	60	63	68	73	71	71	71	73	69	70	66	58	55	54	58	60	56	49	52	51	60	58	93	85		81.7
Lurton	Maximum	75	77	68	70	70	72	76	84	..	85	84	82	85	84	..	85	75	70	76	79	66	68	65	67	71	73	82	81	85	79		84.3
	Minimum	50	57	52	54	53	50	54	61	..	65	64	66	67	68	..	62	58	47	49	52	57	51	50	44	52	47	55	57	63	55		76.2
Lutherville	Maximum	82	85	78	77	77	79	85	92	90	85	91	93	94	93	90	91	84	78	82	86	78	74	72	77	82	86	90	56	57	47		55 2
	Minimum	65	57	58	53	56	51	53	58	65	71	67	68	69	72	64	58	61	56	50	51	55	55	52	45	49	47	55	57	61	52		57.5
Magnolia	Maximum	75	85	83	82	82	83	90	..	97	89	98	99	98	..	95	91	91	84	80	90	84	79	76	80	87	82	..	90	94	89		87.1
	Minimum	63	68	63	55	56	53	58	..	62	71	70	70	69	..	71	68	60	57	50	49	52	63	60	48	48	57	..	53	65	61		60.0
Malvern	Maximum	78	88	85	82	83	82	89	92	95	91	92	91	94	97	93	95	87	82	83	87	89	78	75	76	89	78	89	89	97	85		87.1
	Minimum	63	60	63	53	54	52	51	57	62	70	69	68	67	71	72	69	60	58	50	45	50	66	55	46	43	56	60	52	57	56		58 3
Mammoth Spg	Maximum	87	88	88	80	77	79	84	92	90	96	93	88	91	90	89	89	80	72	74	80	78	76	65	69	69	70	80	78	87	88		82.1
	Minimum	74	76	68	58	48	48	53	57	66	67	67	65	69	63	62	58	49	43	43	47	48	50	35	42	46	46	47	53	45	44		54.2
Marianna	Maximum	76	81	82	75	76	79	83	88	87	88	87	88	88	88	86	85	86	76	75	80	84	79	71	70	76	76	81	81	87	85		81.5
	Minimum	63	62	62	54	54	54	56	59	63	62	70	70	70	73	68	63	62	57	56	48	52	58	46	45	48	43	56	54	60	49		58.0
Marshall	Maximum	79	82	79	76	74	76	82	89	89	88	88	89	90	90	86	88	86	75	70	76	82	72	68	72	74	76	81	86	88	79		81.2
	Minimum	54	53	55	46	52	44	51	52	61	68	68	71	70	72	58	52	54	41	37	39	41	45	43	34	43	46	50	48	59	44		51.6
Mena	Maximum	78	84	76	77	80	80	87	95	87	79	92	90	93	92	91	92	89	79	83	89	78	73	75	79	88	84	86	88	93	89		84.9
	Minimum	62	69	68	54	54	50	51	58	63	71	68	70	72	75	66	64	60	58	48	48	55	66	60	52	48	50	54	60	54	59	53	59.0
Mount Ida	Maximum	77	87	81	80	80	80	85	93	91	80	89	92	93	93	92	92	90	82	82	85	78	76	78	74	78	84	89	70	89	84		84.1
	Minimum	60	55	58	48	49	45	45	51	59	69	69	69	66	75	70	68	60	51	39	40	45	53	49	37	40	44	52	52	50	44		55.7
Newport	Maximum	84	89	85	86	80	87	89	95	96	97	94	93	93	98	97	94	83	77	80	86	85	77	77	80	83	86	90	96	100	96		88.4
	Minimum	61	64	61	52	54	54	53	58	61	67	69	66	67	72	67	61	68	53	47	47	51	52	53	40	49	49	49	50	58	51		56.6
Pine Bluff	Maximum	74	90	85	87	86	89	95	99	100	97	97	96	100	95	99	97	94	87	87	94	94	81	78	83	93	89	94	94	100	97		91.6
	Minimum	64	65	65	57	58	57	57	60	65	71	70	69	69	74	74	69	64	57	51	49	54	61	58	49	50	53	63	67	61	58		61.0
Portland	Maximum	78	81	84	78	82	83	87	91	91	91	90	90	91	92	91	90	91	89	79	88	84	79	75	74	86	80	80	85	92	83		85.3
	Minimum	65	67	68	54	55	55	58	61	61	67	65	65	67	69	67	70	63	47	48	44	50	62	59	45	43	53	61	50	62	62		58.9
Prescott	Maximum	84	82	82	80	84	83	88	91	93	94	92	94	95	94	93	92	93	90	87	89	92	90	88	87	89	90	87	88	89	86		88.9
	Minimum	68	70	68	57	56	55	54	61	64	68	72	73	73	71	72	69	64	59	52	50	52	56	50	45	46	47	47	49	55	57		59.2
Rison	Maximum	82	86	82	87	81	83	88	92	94	95	93	93	96	95	95	91	91	83	82	86	88	82	75	78	89	85	88	89	95	90		87.8
	Minimum	60	62	68	55	55	53	57	59	60	70	69	69	68	72	71	70	60	57	48	48	52	66	56	44	49	52	62	55	61	57		59.3
Searcy	Maximum	85	86	85	80	80	82	86	90	92	93	93	90	95	92	87	91	84	77	80	83	84	75	74	74	80	75	83	85	93	85		84.8
	Minimum	65	60	58	52	45	53	53	55	60	66	66	65	66	70	68	60	62	54	49	45	60	56	53	42	45	49	60	57	58	52		56.8
Stuttgart	Maximum	77	84	78	78	78	80	87	92	91	92	92	93	94	93	89	87	83	77	77	85	86	77	72	75	81	79	87	90	92	82		84.3
	Minimum	61	58	62	52	53	52	53	57	61	68	67	65	69	71	71	66	59	51	44	44	50	55	54	40	47	45	54	50	57	51		56.2
Texarkana	Maximum	83	93	93	90	90	91	92	97	101	97	96	99	100	99	101	98	99	89	90	93	86	78	83	87	93	83	92	95	99	95		92.7
	Minimum	62	73	73	57	56	56	55	57	63	64	70	70	71	73	71	66	63	58	51	50	55	55	60	47	51	55	57	63	57	60		60.6
Thornburg	Maximum	79	82	78	75	75	78	85	91	90	86	89	90	92	92	88	87	85	76	79	85	80	73	72	76	82	81	86	86	93	80		83.0
	Minimum	57	52	57	46	47	44	44	51	57	69	66	70	64	73	63	65	58	49	36	39	44	50	49	33	44	39	53	49	48	46		52 0
Warren	Maximum	74	82	80	78	77	80	85	86	90	91	90	89	90	92	88	87	86	82	75	82	82	79	73	71	82	78	81	85	88	84		82.9
	Minimum	66	66	51	56	55	58	62	62	65	70	69	69	71	73	68	71	63	68	64	50	55	52	60	46	59	54	63	64	64	60		62.1
Wynne	Maximum	81	85	80	79	79	81	86	88	91	92	92	91	93	93	89	90	84	77	78	85	86	75	70	73	77	75	86	85	90	80		83.7
	Minimum	61	57	58	51	52	51	54	56	61	68	68	65	68	73	67	63	55	54	45	43	49	54	52	40	40	47	49	54	59	47		55.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., OCTOBER, 1928 No. 10

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during the month of October were the positive temperature and precipitation departures. All stations for which normals have been computed showed positive temperature departures and all except eight, positive precipitation departures. During the past 38 years but two Octobers have been warmer, 1897 and 1919 and the extreme of 100° has been exceeded but twice and then by only 1°. Daily means were above normal from the 1st to the 16th or 18th, slightly below from the 18th to the 23d, and 6° to 12° below the closing days of the month, the lowest occurring in most sections from the 29th to the 31st. Most of the rainfall occurred from the 2d to the 5th, 15 to 17th, on the 22d, and from the 27th to 30th, excessively heavy local amounts occurring on the 16th and 17th.

The mean temperature for the State, as determined from the records of 57 stations was 66.3° which is 4.1° above normal. Monthly means ranged from 61.2° at Dutton to 71.8° at Amity, a difference of 10.6° between the northern and southern portions of the State. Extremes ranged from 100° at Pine Bluff on the 9th to 27° at Dutton on the 23d. The greatest daily range was 53° at Grannis on the 1st. The average precipitation for 87 stations was 4.74 inches which is 1.77 inches above normal. Monthly totals ranged from 1.33 inches at Amity to 11.58 inches at Piggott. The greatest 24 hour precipitation was 6.28 inches at Piggott on the 16th.

Although more than the normal rainfall occurred the weather was generally favorable for fall work. Heavy to killing frost or freezing temperatures were recorded over much of the State the closing days of the month, but in many localities cotton and truck were still green. Corn and feed crops were gathered, sweet potatoes dug, cotton was picked, and rice harvested and threshed under favorable conditions. The showers the latter part of the month kept the ground in good condition for seeding and the germination of winter grains. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 3; 2d, 22; 3d, 9; 4th, 15; 5th, 20; 6th, 8; 7th, 6; 8th, 3; 9th, 14; 10th, 4; 11th, 1; 14th, 1; 15th, 22; 16th, 29; 17th, 11; 21st, 3; 22d, 12; 25th, 1; 27th, 22; 28th, 4; 29th, 2; 31st, 1.

DENSE FOG:------6th, 1; 10th, 1; 14th, 1; 23d, 2; 25th, 1; 28th, 1; 31st, 3.

SOLAR HALOS:---20th, 2; 26th, 1; 27th, 2.

LUNAR HALOS:---5th, 1; 20th, 1; 21st, 1; 25th, 1; 26th, 1; 31st, 1.

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MISCELLANEOUS DATA

Stations	Pressure, Sea-level Mean	Pressure, Sea-level Highest	Pressure, Sea-level Date	Pressure, Sea-level Lowest	Pressure, Sea-level Date	Wind Total movement miles	Wind Maximum velocity	Wind Direction	Wind Date	Relative humidity 7 a. m	Relative humidity 7 p. m	Percentage of sunshine
Bentonville	30.05	30.42	30	29.68	1	3,752	26	sw.	6	.....	.....	81
Fort Smith	30.05	30.44	30	29.68	1	5,139	35	sw.	16	85	54	63
Little Rock	30.07	30.46	29	29.73	1	4,869	25	se.	15	84	60	66
Memphis	30.09	30.46	29	29.79	1	4,039	24	nw.	22	60	70	66

COMPARATIVE DATA FOR OCTOBER

Year	Temperature Monthly average	Temperature Departure	Temperature Highest	Temperature Date	Temperature Lowest	Temperature Date	Precipitation Average	Precipitation Departure	Number of days Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**62.2**		**101**		**12**		**2.97**		**18**	**6**	**7**	**5**
1891	60.4	−1.8	92	1	27	23	0.65	−2.32	25	4	2	2
1892	63.8	+1.6	92	3	27	26	3.26	+0.29	16	7	8	6
1893	60.5	−1.7	99	1	23	29	1.30	−1.67	24	4	3	3
1894	63.0	+0.8	96	23	24	21	1.52	−1.45	22	5	4	3
1895	57.1	−5.1	95	9	21	29	1.44	−1.53	19	6	6	4
1896	60.8	−1.4	98	4	25	18	3.59	+0.62	18	5	8	6
1897	67.6	+5.4	99	3	28	30	2.01	−0.96	21	6	4	3
1898	60.0	−2.2	100	4	23	26	5.44	+2.47	16	7	8	8
1899	65.6	+3.4	101	13	28	31	2.88	−0.09	19	7	5	5
1900	66.0	+3.8	97	6	32	10	4.31	+1.34	14	10	7	6
1901	63.7	+1.5	95	1	27	14	2.07	−0.90	18	9	4	4
1902	62.5	+0.3	90	9	27	28	2.68	−0.29	18	9	4	4
1903	60.9	−1.3	97	2	26	24	2.22	−0.75	17	8	6	4
1904	62.5	+0.3	100	5	20	20	0.94	−2.03	23	5	3	2
1905	61.1	−1.1	92	7	23	21	4.49	+1.52	15	11	5	7
1906	58.2	−4.0	94	22	25	31	2.38	−0.59	18	5	8	6
1907	61.9	−0.3	96	2	23	13	3.03	+0.06	16	7	8	6
1908	59.2	−3.0	93	14	24	28	0.48	−2.49	21	6	4	2
1909	63.0	+0.8	98	5	24	12	2.15	−0.82	21	6	4	3
1910	62.9	+0.7	96	1	16	29	5.19	+2.22	21	5	5	6
1911	62.7	+0.5	101	12	25	22	1.67	−1.30	14	9	8	5
1912	63.8	+1.6	96	7	22	23	2.97	0.00	18	8	5	4
1913	60.1	−2.1	95	6	18	30	5.41	+2.44	13	9	9	9
1914	63.0	+0.8	93	6	21	28	1.74	−1.23	13	8	10	5
1915	63.4	+1.2	94	16	26	9	2.83	−0.14	22	4	5	4
1916	62.8	+0.6	96	7	21	21	2.30	−0.67	21	4	6	4
1917	56.6	−5.6	99	4	12	30	1.89	−1.08	21	5	5	5
1918	65.6	+3.4	100	5	30	31	3.99	+1.02	13	5	13	8
1919	66.6	+4.4	98	2	33	19	10.90	+7.93	6	5	20	14
1920	64.2	+2.0	93	18	25	28	4.39	+1.42	16	6	9	7
1921	61.6	−0.6	96	19	27	8	0.72	−2.25	23	4	4	3
1922	63.1	+0.9	98	4	20	18	1.47	−1.50	18	6	7	4
1923	59.2	−3.0	94	1	20	23	3.53	+0.56	12	9	10	7
1924	61.9	+2.7	96	12	24	25	0.29	−2.68	24	4	3	1
1925	58.7	−3.5	98	1	13	31	7.73	+4.76	12	5	14	10
1926	64.9	+2.7	99	2	23	25	5.77	+2.80	15	5	11	8
1927	66.0	+3.8	100	26	30	13	3.13	+0.16	22	4	5	5
1928	66.3	+4.1	100	9	27	23	4.74	+1.77	16	7	8	8

Corrections: September, 1928

Amity, lowest temperature should be 45° on 20th.
Morrilton, date of highest temperature should be 16th.

Climatological Data for October, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	33	71.8	+9.0	95	2†	35	28†	48	1.33	−1.65	0.45	0.0	4	10	17	4	s.	G. C. Thrash.
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	3.47	+0.64	0.95	0.0	10	20	4	7	n.	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	2.17	−0.03	1.80	0.0	7	19	0	12	.....	Grady F. Jones
Arlberg	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	3.73	.....	1.89	0.0	9	15	9	7	ne.	J. D. Reeves
Batesville	Independence	277	29	63.0	+1.8	92	18	31	31	46	5.72	+2.86	2.30	0.0	12	21	1	9	e.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	65.7	+3.1	95	9	30	31	43	4.43	+1.61	2.10	0.0	9	11	12	8	s.	J. E. Scanlan
Bentonville	Benton	1303	23	63.4	+5.4	89	9	32	31	37	3.22	+0.41	1.52	0.0	9	26	3	2	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	8.74	+6.17	2.04	0.0	12	19	1	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	3	65.8	.....	93	10	34	31	37	8.94	.....	2.70	0.0	12	19	4	8	ne.	W. Ebner
Booneville	Logan	465	14	68.3	+5.0	96	9	33	23	45	3.30	+0.41	2.05	0.0	9	15	11	5	s.	F. H. Randolph
Brinkley	Monroe	205	41	65.8	+3.7	93	10	31	31	45	6.93	+4.01	2.70	0.0	10	20	3	8	se.	R. J. Torry
Calico Rock	Izard	361	24	64.0	+3.8	96	5	32	31	45	3.41	+0.90	1.10	0.0	12	10	18	8	s.	W. J. Copp
Camden	Ouachita	168	43	66.2	+2.5	96	1	34	28†	52	3.19	+0.38	0.81	0.0	10	12	9	10	ne.	A. B. Quarterman
Center Point	Howard	470	29	69.0[b]	+5.4	94[b]	1†	37[b]	23	37[b]	2.77	−0.09	1.12	0.0	10	15[b]	6[b]	8[b]	se.	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	6.40	+3.36	3.06	0.0	9	15	3	13	e.	J. W. Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	4.34	.....	2.17	0.0	7	7[a]	17[a]	6[a]	w.	A. L. Stephens
Conway	Faulkner	309	45	67.0	+3.9	94	9	32	31	41	3.66	+1.01	0.98	0.0	9	21	4	6	s.	E. E. Cordrey
Corning	Clay	298	35	64.7	+5.7	93	10	28	31	45	6.20	+2.93	1.75	0.0	7	25	1	5	s.	Winfred D. Polk
Corning (river)	Clay	280	4	.....	.....	.....	.....	.....	.....	.....	7.25	.....	2.00	0.0	8	19	3	9	.....	Henry Stafford
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	1.95	.....	0.96	0.0	5	15	0	16	s.	J. O. Linck
Crossett	Ashley	175	14	67.8	+2.7	93	4	38	31	39	5.20	+1.90	1.83	0.0	11	11	15	5	sw.	A. E. Wackerman
Dam No. 1 ‡‡	White	196	5	.....	.....	.....	.....	.....	.....	.....	3.65	.....	1.20	0.0	9	21	4	6	se.	J. O. Yingling
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	3.88	+0.07	2.00	0.0	3	17	0	14	s.	C. G. Hudson
Dardanelle	Yell	330	42	67.6	+4.6	92	4†	36	23†	38	4.14	+1.50	1.74	0.0	7	14	16	1	e.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	6.83	.....	3.64	0.0	10	19	1	11	...	H. G. Pate
Dumas	Desha	162	22	66.4	+1.2	95	10	34	31	44	2.18	−1.10	1.12	0.0	5	12	15	4	s.	Ben Johnson
Dutton	Madison	1590	25	61.2	+3.1	83	1†	27	23	45	3.08	+0.08	0.93	0.0	5	12	18	1	s.	J. M. Ricketts
El Dorado	Union	270	27	69.2	+4.4	96	1	30	25	43	4.87	+2.04	2.00	0.0	9	8	14	9	sw	J. J. Babb
England	Lonoke	229	21	67.2	+4.0	94	9	33	31	42	3.82	+0.94	1.10	0.0	11	17	7	7	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	66.0	+5.7	94	9	35	31	38	2.96	−0.07	0.88	0.0	9	14	15	2	se.	Geo. W. Nicholds
Evening Shade	Sharp	600	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fayetteville	Washington	1451	41	71.9	+3.6	90	13†	37	24	45	.....	.....	.....	0.0	.....	25	2	3	.....	University of Arkansas
Fort Smith	Sebastian	437	47	67.8	+5.0	92	1	38	31	36	4.66	−1.67	1.94	0.0	11	7	18	6	e	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	4.20	.....	1.93	0.0	8	22	4	5	s	J. R. Mc Cuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	8.88	+6.51	4.65	0.0	8	14	6	11	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	4.73	+0.60	1.75	0.0	9	17	3	11	s.	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	3.80	.....	1.22	0.0	9	11	13	7	.....	Ben F. Battenfield
Grannis	Polk	900	9	66.1	.....	95	9	31	23	53	4.93	.....	2.55	0.0	8	16	6	9	nw	W. E. McVay
Gravette	Benton	1250	31	64.4	+4.4	91	9	31	23	43	2.82	−0.22	1.28	0.0	6	11	12	8	s.	A. F. Stevens
Harrison	Boone	1052	27	66.8[b]	+5.3	96	9†	27	31	50	2.21	+0.48	1.05	0.0	7	18[b]	8[b]	3[b]	.....	G. L. Wright
Helena	Phillips	250	36	67.4	+4.9	94	9†	37	31	37	3.80	+1.24	1.80	0.0	10	19	0	12	n.	James A. Burnett
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	3.49	.....	1.40	0.0	9	15	10	6	w.	Geo. W. Baker
Hope	Hempstead	377	57	70.9	+5.3	98	1	35	28	44	4.49	+1.14	1.57	0.0	9	23	4	4	s	N. P. O'Neal
Hot Springs	Garland	600	37	67.4	+3.5	94	9	35	30	36	6.55	+3.44	2.10	0.0	7	21	4	6	.....	G. C. Bolton
Index ‡‡	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	4.56	.....	2.30	0.0	10	13	2	16	.....	H. G. Sanderson
Jessieville	Garland	750	2	.....	.....	.....	.....	.....	.....	.....	3.77	.....	0.82	...	6	..	..	..	.....	U. S. Forest Service
Jonesboro	Craighead	345	33	66.0	+3.5	94	10	32	31	40	4.66	+1.33	1.35	0.0	10	23	0	8	se.	Benedictine Sisters
Junction	Union	182	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	..	..	.	.	...	J. A. Lowderback
Lambrook	Phillips	155	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	.	..	.	.	...	Mrs. D. C. White
Lead Hill	Boone	650	1	63.9	.....	94	4	28	31	48	3.81	.....	1.74	0.0	9	19	7	5	s.	J. H. Crosswhite
Little Rock	Pulaski	357	49	67.1	+3.5	90	9	38	31	30	3.06	+0.51	0.72	0.0	9	15	8	8	s.	U. S. Weather Bureau
Lurton	Newton	2100	3	62.4[a]	.....	85[a]	9†	34[a]	30	33[a]	4.66	.....	2.00	0.0	8	23[a]	1[a]	5[a]	s	I. C. Sutton
Lutherville ‡‡	Johnson	775	30	65.0	+3.2	94	9	34	23	38	4.46	+0.78	2.31	0.0	7	15	7	9	se.	H. G. Lenhardt
Magnolia	Columbus	315	9	69.2[b]	.....	96[b]	1	36[b]	23	43[b]	1.98	.....	0.63	0.0	7	8[b]	15[b]	6[b]	ne.	State Agri. School
Malvern	Hot Springs	277	41	66.5	+2.8	94	9	33	23†	47	3.64	+0.93	1.40	0.0	8	19	8	6	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	23	62.6	+4.2	90	10†	28	30	36	4.58	+1.73	1.55	0.0	7	23	3	5	s	W. C. Gregg
Marianna	Lee	235	16	65.4	+1.8	89	10	34	31	37	4.24	+0.55	1.32	0.0	9	17	8	6	s.	C. N. Houck
Marked Tree	Poinsett	229	23	63.1	+1.4	92	9	29	30	36	5.93	+1.67	1.81	0.0	10	21	1	9	n.	Charles Walton
Marshall	Searcy	1070	14	65.1	+3.6	92	1	28	31	43	5.28	+2.57	2.51	0.0	8	17	6	8	sw	A. J. Parks
Mena ‡‡	Polk	1185	40	66.4	+3.6	93	4	34	23†	41	3.20	−0.17	1.03	0.0	7	15	7	9	nw	E. W. St. John
Morrilton	Conway	347	7	66.2	.....	94	9	34	31	41	3.78	.....	1.05	0.0	6	14	7	10	e.	John Cook
Mountain Home	Baxter	800	14	64.8[d]	+5.5	93[d]	10†	28[d]	31	44[d]	.....	.....	.....	0.0	.	13[d]	5[d]	9[d]	w.	B. S. Halbert
Mount Ida	Montgomery	650	29	61.8	+0.5	93	1	30	23	50	4.85	+1.20	2.63	0.0	4	18	5	8	e.	G. A. Whittington
Nashville	Howard	350	1	...	.....	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	J. H. Skillern
Newport	Jackson	231	44	67.4	+6.0	98	1	32	31	51	6.30	+3.63	2.63	0.0	11	21	4	5	n.	A. C. Wilkerson
Norman	Montgomery	750	1	....	.....	.....	.....	.....	.....	.....	3.50	.....	1.30	0.0	4	16	10	5	.....	U. S. Forest Service
Oden	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	2.68	.....	1.30	0.0	7	15	10	6	se.	U. S. Forest Service
Osceola	Mississippi	240	30	66.0	+4.4	93	10	34	30	45	7.39	+5.05	2.95	0.0	10	18	0	13	n.	June Thomason
Ozark ‡‡	Franklin	396	32	67.1	+3.5	95	10	35	23	36	3.04	+0.19	1.00	0.0	6	16	6	9	se.	Isham Burrow
Paragould	Greene	301	2	...	...	...	...	...	...	...	9.18	.....	2.92	0.0	9	21	6	4	s.	W. R. Heagler
Patterson	Woodruff	195	12	.....	.....	.....	.....	.....	.....	.....	4.98	+0.79	1.78	0.0	10	21	3	7	n	W. E. Baker
Piggott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	11.58	.....	6.28	0.0	8	14	9	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	70.6	+8.0	100	9	38	31	47	8.12	+5.51	5.31	0.0	7	20	1	10	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	35	65.0	+2.1	91	9†	32	31	40	6.84	+4.02	2.20	0.0	9	15	8	8	s	Benedictine Sisters
Portland	Ashley	122	22	67.0	+2.2	91	8	37	25	44	1.87	−0.87	0.95	0.0	6	12	12	7	nw.	W. E. Edmiston
Prescott	Nevada	329	40	68.7	+4.3	98	1†	37	23†	42	6.23	+3.74	2.11	0.0	7	16	2	13	n.	C. D. Calhoun
Princeton	Dallas	257	22	.....	.....	.....	.....	.....	.....	.....	4.47	+1.69	1.86	0.0	6	20	1	10	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	6 88	+5.2	94	1†	38	31	45	7.49	+4.61	2.45	0.0	6	17	7	7	e.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	64.5	+4.9	91	9	29	31	48	2.85	+0.04	1.24	0.0	7	12	11	8	sw.	Carl A. Starck
St. Francis	Clay	290	1	.....	.....	.....	.....	.....	.....	.....	7.97	.....	3.05	0.0	10	20	0	11	.....	S. T. Rooney
Searcy	White	236	19	66.0	+4.7	95	9	34	23†	42	3.04	−0.15	1.10	0.0	7	22	0	9	s.	J. T. Bell
Springbank ‡‡	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	3.93	+0.87	1.43	0.0	9	19	0	12	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	3.72	.....	2.50	0.0	4	22	5	4	s.	S. C. Story
Stuttgart	Arkansas	228	41	68.6	+5.8	94	10	34	31	44	8.18	+5.25	4.26	0.0	10	16	8	7	se.	Adam F. Buerkle
Subiaco	Logan	1050	31	67.5	+4.1	95	1	35	31	46	3.28	+0.19	1.50	0.0	8	9	6	16	n.	New Subiaco Abbey
Texarkana	Miller	332	42	69.8	+5.2	98	1	35	23	43	5.38	+3.17	3.00	0.0	10	18	2	11	s.	H. S. Brashear
Thornburg	Perry	650	4	64.6	.....	92	9	28	31	42	5.84	.....	1.88	0.0	9	13	10	8	s.	Edward E. Holmes
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	2.20	.....	1.03	0.0	9	9	8	14	se.	Dr. Cheves Bevill
Warren	Bradley	206	34	67.6	+3.8	89	1†	33	31	39	6.44	+2.95	2.68	0.0	7	18	12	1	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	3.61	.....	1.10	0.0	4	15	8	8	w.	J. R. Huddleston
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	5.76	+2.78	1.82	0.0	10	15	3	13	.....	Nannie O Schirmer
Wilson	Mississippi	237	3	65.0	....	90	10†	31	31	36	5.80	.....	3.10	0.0	5	20	2	9	s.	M. W. H. Collins
Wynne	Cross	250	20	65.5	+2.5	93	10	31	31	40	6.68	+2.79	2.50	0.0	9	16	6	9	n.	E. O. Allen
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	2.45	.....	1.38	0.0	7	16	4	11	.....	W. E. Barton
State Means and Extremes				66.3	+4.1	100	9	27	23	53	4.74	+1.77	6.24	0.0	8	16	7	8	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Dam No. 1, Judsonia; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for October, 1928

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	..	..	.36	.10	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	....	.42	....	....	1 33
Arkadelphia	Ouachita	....	.01	.46	.29	.20	....	....	....	....	....	....	....	....	....	....	.32	.63	....	....	....	....	.35	.01	....	....	....	....	....	.25	.95	....	3.47
Arkansas City	Mississippi	....	....	....	....	T.	.10	....	....	....	....	....	....	....	....	....	.01	1.80	....	....	....	....	....	.10	....	....	....	....	.10	....	.04	.02	2.17
Artberg	White	....	.40	....	....	.10	....	....	....	....	....	.12	....	....	....	.23	.10	1.89	....	....	....	....	.38	....	....	....	....	.10	....	.41	....	....	3.73
Batesville	White	....	.46	.30	.26	.20	....	....	....	....	....	....	....	....	....	T.	1.10	2.30	.05	....	....	....	.26	.02	....	....	....	.55	....	.06	.16	....	5.72
Bee Branch	Arkansas	....	.45	.06	....	.40	....	....	....	....	....	....	....	....	....	.10	.20	2.10	....	....	....	....	.22	....	....	....	....	.04	..	.86	....	....	4.43
Bentonville	Arkansas	T.	....	....	.36	....	.32	....	....	....	....	....	....	....	....	....	1.72	....	....	....	....	.18	.20	....	....	.04	.29	....	.06	....	.10	3.22
Black Rock	White	....	.28	1.23	1.41	1.00	....	....	....	....	....	....	....	....	....	T.	1.42	2.04	.08	....	....	....	.52	.02	....	....	....	.57	....	.03	.04	....	8.74
Blytheville	Mississippi	.29	.09	.86	.72	....	....	....	....	....	....	....	....	....	....	2.00	2.70	.02	....	....	....	.59	.45	....	....	....	....	1.15	....	.04	....	.03	8.94
Booneville	Arkansas	..	.03	.07	....	.08	....	T.	....	....	....	....	....	....	....	.01	.44	.02	....	....	....	..	.39	....	....	....	....	.21	....	2.05	....	....	3.30
Brinkley	White	....	.42	.61	.70	.51	....	..	....	....	....	....	....	....	....	.29	.32	2.70	....	....	....	....	.24	....	....	....	..	..	.41	....	.73	....	6.98
Calico Rock	White	....	.21	.64	.06	.11	....	....	T.	....	....	....	....	....	....	.01	.68	1.10	..	....	....	....	.38	.08	....	....	..	.03	....	.08	.08	....	3.41
Camden	Ouachita	....	....	.80	..	.01	.05	....	....	....	....	....	....	....	....	..	.11	.81	....	....	....	....	.38	....	....	....	....	....	....	.68	.03	.36	.01	3.19
Center Point	Red	....	.02	.83	....	.11	....	.10	....	....	....	....	....	....	....	....	....	.33	....	....	....	....	.20	....	....	....	....	.01	.03	1.12	.02	T.	2.77
Clarendon	White	....	.03	.95	.22	.60	....	....	....	....	....	....	....	....	....	....	.32	3.06	....	....	....	....	.42	....	....	....	....	....	.36	T.	.44	....	6.40
Clinton	White	....	.61	....	.16	....	....	....	....	....	....	....	....	....	....	.38	2.17	....	....	....	....	.33	.01	....	....	....	....	....	....	.68	....	....	4.34
Conway	Arkansas	....	.04	.06	....	36	....	....	....	....	....	....	....	....	....	.58	.80	.38	....	....	....	....	.11	....	....	....	....	.35	....	.98	....	....	3.66
Corning	White	....	....	.42	1.27	.62	....	....	....	....	....	....	....	....	....	....	1.64	1.75	....	....	....	....	....	....	....	....	....	.10	....	....	.40	....	6.20
Corning (river)	White	....	.08	2.00	.65	....	....	....	....	....	....	....	....	....	....	....	1.71	1.42	....	....	....	....	.64	....	....	.65	....	....	....	.10	....	....	7.25
Cotter	White	....	.25	T.	T.	.35	....	....	T.	....	....	....	....	....	....	T.	T.	.96	....	....	....	....	.26	....	....	....	....	T.	....	T.	.13	....	1.96
Crossett	Ouachita	....	....	.05	T	1.83	.55	....	....	....	....	29	....	....	....	T.	.05	1.81	..	....	....	....	.01	....	....	....	....	....	.30	.01	27	.03	5.29
Dam No. 1	White	....	.13	.15	.05	....	....	....	....	....	....	....	....	....	....	1.20	.77	....	....	....	....	.45	....	....	....	.24	....	....	.60	..	.06	3.65
Danville	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	2.00	....	....	....	....	T.	....	....	....	....	.68	....	1.20	....	....	3.88
Dardanelle	Arkansas	....	....	....	....	1.00	....	....	....	....	....	....	....	....	....	....	....	1.74	....	....	....	....	.25	....	....	....	....	.05	.12	.52	.46	....	4.14
De Valls Bluff	White	....	.21	.31	.28	.42	....	....	....	....	....	....	....	....	....	....	.46	3.64	....	....	....	....	.28	.06	....	....	....	....	.64	....	.53	....	6.83
Dumas	Mississippi	....	T.	.21	..	.05	....	....	....	....	....	....	....	T.	.10	1.12	T.	....	....	....	....	....	....	....	....	....	....	T.	....	.70	....	....	2.18
Dutton	White	....	....	....	....	.76	....	....	....	T.	....	....	....	....	T.	.93	.08	....	....	....	....	.41	....	....	....	....	....	....	.90	....	....	....	3.08
El Dorado	Ouachita	....	....	.87	.04	.93	.54	....	....	....	....	....	....	....	....	....	.10	2.00	....	....	....	....	....	....	....	....	....	....	.17	....	.20	.02	4.87
England	Arkansas	....	.03	.62	.05	27	....	....	....	.01	....	....	....	....	.07	1.10	.84	....	....	....	....	.35	....	....	....	....	.11	....	.37	....	....	3.82
Eureka Springs	White	....	....	....	....	51	.16	.05	.16	....	....	....	....	....	....	....	.73	.88	....	....	....	....	.37	....	....	....	....	.12	....	.08	..	....	2.96
Evening Shade	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fayetteville	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fort Smith	Arkansas	....	T	.16	.11	....	T.	.05	....	....	....	.02	....	....	....	T.	1.94	....	....	....	....	.28	.10	....	....	....	T.	.01	.20	1.21	..	.58	4.66
Freeman Sprgs.	Arkansas	....	.13	T.	.08	.64	....	....	....	....	....	....	....	....	....	....	.15	1.93	....	....	....	....	.38	....	....	....	....	....	T.	.60	.29	....	4.20
Fulton	Red	....	.08	1.60	1.02	T.	....	.25	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	....	....	....	....	....	4.65	.30	.28	....	8.88
Georgetown	White	....	T.	.14	.40	.10	....	....	....	....	....	....	....	....	....	....	1.07	1.75	.05	....	....	....	.67	....	....	....	....	....	.37	....	.18	....	4.73
Gilbert	White	....	.25	.87	....	.54	....	....	.03	....	....	....	....	....	....	....	.28	1.22	....	....	....	....	.20	....	....	....	....	T.	....	.27	.14	....	3.80
Grannis	Red	....	....	.08	....	.10	....	.30	....	T.	....	T.	....	T.	....	....	2.55	.30	....	....	....	....	....	....	....	....	....	.08	....	1.50	.02	T.	4.93
Gravette	Arkansas	T.	....	....	....	.52	.28	....	....	....	....	....	....	....	....	....	1.28	.37	....	....	....	T.	.30	....	....	.07	....	....	....	T.	....	....	2.82
Harrison	White	....	.28	....	....	.41	....	....	.02	....	....	....	....	....	....	....	.09	1.05	....	....	....	.18	....	....	....	....	....	T.	....	.18	....	....	2.21
Helena	Mississippi	....	....	.02	.14	18	....	....	....	....	....	....	....	....	....	....	.10	1.80	.06	....	....	....	.38	.20	....	....	....	.58	....	....	.34	....	3.80
Higden	White	....	.30	.22	....	.23	....	....	....	....	....	....	....	....	.15	.17	1.40	..	....	....	....	.38	....	....	....	....	.07	....	.57	....	....	....	3.49
Hope	Red	1.57	.66	....	.10	....	....	....	....	....	.12	....	....	....	....	.10	.50	....	....	....	.10	....	....	....	....	....	....	.82	.52	....	....	....	4.49
Hot Springs	Ouachita	....	T.	.10	1.20	....	....	....	....	....	....	....	....	....	1.15	.50	....	....	....	....	....	.20	....	....	....	1.30	....	....	....	....	....	2.10	6.55
Index	Red	....	....	2.30	1.12	.05	03	.24	....	....	....	....	....	....	....	....	....	.16	....	....	....	....	.18	....	....	....	....	....	.15	.08	.25	....	4.56
Jessieville	Ouachita	....	....	....	....	.75	....	....	....	....	....	....	....	....	.82	.62	....	....	....	....	....	.46	....	....	....	....	.32	....	.80	....	....	....	3.77
Jonesboro	White	....	39	.33	.27	.26	....	....	....	....	....	....	....	....	....	.89	1.35	.03	....	....	....	.53	.03	....	....	....	.56	....	....	....	....	....	4.66
Junction	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lambrook	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lead Hill	White	..	03	....	....	.36	....	.03	T.	....	....	....	....	....	37	.76	1.74	....	....	....	....	.22	....	....	....	....	.17	....	.13	....	....	3.81
Little Rock	Arkansas	....	T.	.10	T.	.72	....	....	....	....	....	....	....	....	.44	.25	.38	....	....	....	....	T.	.32	....	....	....	.27	....	.57	....	.01	3.06
Lurten	White	....	.12	....	.03	.69	....	....	....	....	....	....	....	....	2.00	.75	....	....	....	.03	.26	....	....	....	....	....	T.	....	.78	....	....	4.66
Luthersville	Arkansas	....	.12	T.	....	.42	....	....	....	....	....	....	....	....	T.	.06	2.31	....	....	....	T.	.22	....	....	....	....	.07	....	1.46	....	....	....	4.46
Magnolia	Red	....	....	....	....	.15	....	..	....	....	....	.10	....	....	....	.30	.63	....	....	....	....	.21	....	....	....	....	....	....	.50	.09	....	....	1.98
Malvern	Ouachita	....	....	.24	.10	1.40	....	....	....	....	....	....	....	....	....	.15	.42	....	....	....	....	.36	....	....	....	....	....	....	.05	92	....	....	3.64
Mammoth Spg.	White	.15	1 28	68	....	....	....	....	....	....	....	....	....	....	....	1.55	....	....	....	....	.42	....	....	....	....	.57	....	.13	....	....	....	....	4.58
Marianna	Mississippi	14	.20	.04	....	....	....	....	....	....	....	....	....	....	.16	1.32	1.02	....	....	....	....	.44	....	....	....	....	.40	....	.52	....	....	....	4.24
Marked Tree	Mississippi	.47	.42	.67	.36	....	....	....	....	....	....	....	....	....	T.	.58	1.81	....	....	....	....	.63	.20	....	....	....	....	.51	....	.28	....	....	5.93
Marshall	White	1.03	....	....	.30	....	....	.03	....	....	....	....	....	....	.30	.30	2.51	....	....	....	....	.30	....	....	....	....	T.	....	.51	....	....	....	5.28
Mena	Ouachita	....	....	....	T.	.03	....	.49	....	....	....	T.	....	....	....	.02	1 03	....	....	....	....	.05	....	....	....	....	T.	T.	.70	.88	....	....	3.20
Morrilton	Arkansas	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	.90	1.05	....	....	....	....	....	....	....	....	....	....	.19	.64	.40	....	....	3.78
Mountain Home	White	....	....	....	....	....	....	T.	....	....	....	....	....	.18	.57	....	....	....	T.	.32	....	....	....	....	....	....	....	....	....	....	....	....	....
Mount Ida	Ouachita	.16	..	....	.56	....	....	....	....	....	....	....	....	....	....	....	2.68	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	4.85
Nashville	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport	White	.43	.25	71	.42	....	....	....	....	....	....	....	....	....	....	2.63	.96	.06	....	....	....	.86	.11	....	....	....	....	.10	....	.27	....	....	6.80
Norman	Ouachita	....	....	.30	....	.70	....	....	....	....	....	....	....	....	....	1.00	....	..	....	....	....	....	....	....	....	....	T.	....	1.30	..	....	....	3.30
Oden	Ouachita	....	....	....	.03	....	....	....	....	.06	....	....	....	....	....	.97	....	....	....	....	.11	....	....	....	.04	....	....	1.30	....	....	....	.17	2.68
Osceola	Mississippi	.15	.25	.45	.85	....	....	....	....	....	....	....	....	....	1.15	2.90	....	....	....	....	.40	.20	....	....	....	T.	.75	....	.20	....	T.	7.30
Ozark	Arkansas	....	....	T.	....	.20	....	....	....	....	....	....	....	....	....	.48	1.00	....	....	....	....	.28	....	....	....	....	T	.50	T.	.60	....	....	3.04
Paragould	Mississippi	.26	.40	.23	1.50	..	..	....	....	....	....	....	....	....	2.00	2.92	....	....	....	....	....	.62	....	....	....	....	.30	....	.95	....	....	....	9.18
Patterson	White	14	.61	.12	....	....	....	....	....	....	....	....	....	....	....	.85	1.78	....	....	....	....	.88	....	....	....	....	.10	.18	.11	.21	....	....	4.98
Piggott	Mississippi	T.	1.65	....	.37	....	....	....	....	....	....	....	....	....	93	6.28	.49	....	....	....	....	1.30	....	....	....	....	.42	....	.14	....	....	....	11.58
Pine Bluff	Arkansas	....	....	.32	.07	1.73	....	....	....	....	....	....	....	....	....	.40	5.31	....	....	....	....	.08	....	....	....	....	....	....	....	.80	....	....	8.12
Pocahontas	White	.32	2.20	....	.74	....	....	....	....	....	....	....	....	....	.21	1.94	.45	....	....	....	.52	....	....	....	....	.38	....	.08	....	....	....	....	6.84
Portland	Ouachita	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	....	.75	....	....	....	.04	.01	....	....	....	....	....	.85	....	.20	....	....	1 87
Prescott	Ouachita	1.48	.52	....	T.	....	....	....	....	....	....	....	....	....	....	.87	....	....	....	....	....	.21	....	....	....	....	....	2.11	.53	.51	....	....	6.23
Princeton	Ouachita	....	....	....	.40	1 80	....	....	....	....	....	....	....	....	.15	1.45	....	....	....	....	....	....	....	....	....	....	....	....	....	.42	.25	4.47
Rison	Ouachita	....	....	.42	....	1.60	....	....	....	....	....	....	....	....	....	1.60	2.45	....	....	....	....	.56	....	....	....	....	....	....	....	.86	....	....	7.49
Rogers	White	T.	....	....	.29	....	.23	....	....	....	....	....	....	....	T.	1.24	.30	....	....	....	....	.46	....	....	....	....	.16	....	.17	....	....	....	2.85
St. Francis	Mississippi	....	....	.10	1.36	.36	....	....	....	....	....	....	....	....	T.	3.04	1.80	....	....	....	....	.14	.62	....	....	....	.10	.31	T.	.14	....	....	7.97
Searcy	White	....	....	.12	....	.05	....	....	....	....	....	....	....	....	....	.70	1.10	....	....	....	....	.34	....	....	....	....	.20	....	....	.58	....	....	3.04
Springbank	Red	....	....	1.43	.05	....	.05	.25	T.	....	T	....	....	....	....	....	.95	....	....	....	....	.28	....	....	....	....	....	....	.72	.05	.15	....	5.98
Story	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.50	....	....	....	....	....	.12	....	....	....	....	....	....	.48	....	.62	....	3.72
Stuttgart	Arkansas	80	17	.99	....	....	....	....	....	....	....	....	....	.64	.83	4.26	....	....	....	....	.23	....	....	....	....	....	.32	....	.35	....	.09	8.18
Subiaco	Arkansas	..	.05	.03	....	.35	....	....	....	....	....	....	....	....	....	.74	.21	....	....	....	....	T.	.33	....	....	....	....	.07	....	1.50	....	....	....	3.28
Texarkana	Red	.25	3.00	.20	.05	....	.60	....	....	....	....	....	....	....	....	....	.43	....	....	....	....	.10	....	....	....	....	....	.90	.15	.20	....	....	5.88
Thornburg	Arkansas	.02	.12	....	.49	....	....	....	....	....	.04	....	....	....	.52	1.88	.77	....	....	....	....	....	....	....	....	....	1.18	....	.82	....	....	....	5.84
Waldron	Arkansas	.03	T.	....	.44	.18	.08	....	T.	....	....	....	....	....	.06	....	T.	....	....	T.	.33	....	....	....	....	.02	....	1 03	....	.03	....	....	2.20
Warren	Ouachita	....	....	.43	....	2.02	....	....	....	....	....	....	....	....	T.	.81	....	2.68	....	....	....	.22	....	....	....	....	T.	.28	....	.30	....	....	6.44
Waters	Ouachita	....	....	....	.82	....	....	....	....	....	....	....	....	....	....	1.10	....	....	....	....	....	....	....	....	....	....	....	.73	.96	....	....	....	3.61
Whitecliffs	Red	..	.02	1.82	.93	.22	....	.22	....	....	....	....	....	....	....	....	.31	....	....	....	....	.17	....	....	....	....	....	1.30	.08	.69	....	....	5.76
Wilson	Mississippi	....	.24	.75	....	....	....	....	....	....	....	....	....	....	....	....	3.10	....	....	....	.96	....	....	....	....	.75	....	....	....	....	....	....	5.80
Wynne	Mississippi	....	.19	1.50	.20	.20	....	....	....	....	....	....	....	....	....	.19	2.50	....	....	....	....	.45	T.	....	....	....	....	.73	T.	.72	....	....	6.68
Yancopin	Arkansas	....	....	.16	.02	.14	....	....	....	....	....	....	....	....	....	.13	1.33	....	....	....	....	.28	....	....	....	....	....	....	....	.44	....	....	2.45

Daily River Stages for October, 1928

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.4	3.4	4.6	4.6	4.5	3.8	3.2	2.8	2.9	3.8	4.0	3.9	3.5	3.6	3.5	4.6	4.6	4.2	4.4	4.2	4.0	4.0	4.7	4.4
Ozark	do	22	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	1.0	2.0	2.0	2.0	1.6	1.0	1.0	1.6	1.8	2.0	1.8	1.7	1.6	1.4	1.5	2.4	2.0	2.0	2.0	2.0	2.2	2.6
Dardanelle	do	20	3.0	3.0	2 9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.6	3.9	3.7	3.5	3.3	3.3	3.4	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.9	3.8	3.7	3.7	3.7	3.6
Morrilton	do	20	0.1	0.0	0 0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.3	0.3	0.2	0.0	0.0	0.4	0.6	0.5	0.6	0.5	0.4
Little Rock	do	23	0.0	-0.1	-0.1	-0.2	-0.1	-0.2	-0.2	-0.3	-0 3	-0.3	-0.3	-0.3	0.2	0.7	1.0	1.0	0.9	0.7	0.9	0.8	0.6	0.9	0.9	0 7	0.6	0.5	0.9	1.1	1.0	1.1	1.0
Pine Bluff	do	25	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.7	6.2	6.3	6.3	5.5	5.6	5.5	5.1	5.3	5.3	5.0	4.9	4.8	5.2	5.5	5.5	5.5
Yancopin	do	29	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.2	7.1	7.1	7.0	7.5	8.7	9.4	9.3	8.7	8.8	9.1	9.0	8.9	9.0	8.9	8.8	8.6	8.6	9.2	9.4
Danville	Petit Jean	20	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.8	1.7	1.5	1.1	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.7	1.5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	1.5	1.9	2.1	1.6	1.5	1.8	1.7	1.8	1.6	1.7	1.5	1.6	1.7	1.5	1.6	1.6	1.4	1.9	1.7	1.7	1.5	1.6	1.2	1.4	1.4	1.5	1.7	1.6	1.6	1.5	1.3
Calico Rock	do	18	0.6	0.6	0.9	1.1	0.8	0.9	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.9	0.6	1.1	0.8	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Batesville	do	23	5.4	5.4	5.6	5.8	5.9	5.7	5.8	5.7	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.8	6.1	6.4	5.7	5.9	5.7	5.7	5.6	5.6	5.4	5.0	5.4	5.4	5.5	5.5	5.4
Newport	do	26	3.0	3.0	3.0	3.2	4.0	4.0	3.9	3.8	3.7	3.5	3.0	3.0	2.9	2.9	2.8	3.0	4.7	6.8	7.0	6.0	5.0	4.6	4.0	3.9	3.9	3.8	3.6	3.5	3.5	3.4	3.4
Georgetown	do	20	3.5	3.5	3.5	3.5	3.6	3.7	3.9	4.3	4.5	4.4	4.3	4.1	3.9	3.7	3.5	3.4	3.5	4.0	5.4	7.5	7.7	6.8	6.1	5.8	5.5	5.0	4.6	4.4	4.3	3.9	3.8
De Valls Bluff	do	21	7.7	7.6	7.5	7.5	7.6	7.7	7.9	8.3	8.6	8.6	8.4	8.1	7.9	7.7	7.5	7.4	7.8	7.7	8.4	10.0	11.3	11.5	11.2	10.6	10.0	9.6	9.2	8.9	8.6	8.4	8.2
Clarendon	do	34	10.1	10.0	10.0	9.9	9.9	9.9	10.1	10.3	10.6	10.7	10.7	70.5	10.3	10.1	9.9	9.8	10.1	10.3	10.5	11.5	12.8	13.5	13.5	13.3	12.8	12.3	12.0	11.8	11.6	11.5	11.5
Gilbert	Buffalo	12	3.1	3.1	3.1	3.1	3.1	3.3	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
Black Rock	Black	14	3.4	3.4	5.0	5.2	5.8	5.6	5.2	5.0	4.8	4.8	4.6	4.5	3.8	3.5	3.4	3.8	11.2	9.0	6.8	5.5	5.0	4.8	4.8	4.6	4.4	4.0	3.8	3.8	3.7	3.6	3.5
Dam No. 1	Little Red	..	-2.8	-2.8	-2.9	-2.9	-3.0	-3.0	-3.0	-3.0	-3.0	-3.1	-3.1	-3.2	-3.2	-3.2	-3.3	-2.0	-1.0	0.0	1.6	2.0	2.0	1.8	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3
Camden	Ouachita	30	4.0	4.0	4.1	4.2	4.3	4.4	4.3	4.3	4.5	4.6	4.4	4.3	4.3	4.3	4.2	4.2	4.6	4.8	4.8	4.7	4.6	4.6	4.3	4.3	4.2	4.3	4.1	4.1	4.3	4.3	4.3
Fulton	Red	28	6.2	6.2	6.1	6.4	6.4	6.3	6.1	6.4	6.3	6.2	6.1	6.1	6.4	6.5	6.4	6.2	6.2	6.1	6.0	6.0	5.9	5.8	5.8	6.2	6.0	5.8	5.7	5.7	6.0	5.9	5.7
Helena	Mississippi	44	13.8	13.0	12.4	11.9	11.7	11.6	11.7	11.8	11.9	11.9	11.9	11.8	11.5	11.3	11.3	11.2	11.2	10.8	10.4	10.4	10.8	11.4	12.0	12.9	13.7	14.4	14.7	14.9	15.4	15.8	15.8
Arkansas City	do	48	16.9	16.8	16.6	16.0	15.1	14.7	14.0	13.9	14.0	14.4	14.5	14.6	14.6	14.5	14.3	14.0	13.8	13.8	13.9	13.9	13.7	13.6	13.6	13.9	14.8	15.5	16.9	18.2	19.5	20.4	20.7

Daily Temperatures for October, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	88	73	79	86	84	85	85	90	90	90	86	88	92	87	82	82	78	75	73	70	74	62	71	71	74	75	75	67	45	58	61	77.3
	Minimum	42	45	63	61	64	48	52	54	57	58	58	61	58	57	61	65	62	45	44	37	41	55	32	32	37	37	38	38	41	38	31	48.8
Bentonville	Maximum	81	83	77	87	82	87	84	83	89	86	82	86	85	84	83	79	64	72	64	72	70	59	72	70	74	72	71	62	47	55	60	74.9
	Minimum	56	56	64	63	52	54	63	64	62	63	63	66	62	61	68	61	49	44	41	37	56	38	35	39	41	48	48	43	39	37	32	51.8
Bee Branch	Maximum	89	82	81	89	91	90	87	90	95	92	87	88	94	88	82	84	76	76	77	73	75	65	70	75	76	71	71	69	61	60	60	79.5
	Minimum	46	62	65	64	64	52	59	56	62	62	60	61	61	58	65	67	60	48	48	39	47	48	33	37	39	45	49	45	38	38	30	51.9
Blytheville	Maximum	84	79	71	89	81	82	86	82	86	93	89	88	91	91	81	74	77	74	72	70	73	72	67	72	72	74	68	66	61	54	66	76.9
	Minimum	49	65	64	68	70	51	49	58	61	62	65	66	63	63	69	72	64	52	51	42	49	61	41	45	45	44	51	45	43	37	34	54.8
Booneville	Maximum	95	90	81	92	93	92	90	94	96	93	88	91	94	91	89	89	74	80	77	76	80	68	78	78	80	81	75	68	63	58	60	82.4
	Minimum	55	66	63	66	61	60	65	63	63	61	63	66	63	60	68	65	64	43	41	39	56	48	33	39	40	45	57	51	41	40	34	54.2
Brinkley	Maximum	88	84	77	90	86	85	86	91	92	93	89	89	89	88	87	75	79	74	76	71	77	77	69	71	77	77	68	67	57	59	64	79.0
	Minimum	43	64	67	67	71	53	52	53	60	62	62	64	59	57	68	67	65	49	47	41	41	53	38	40	37	44	53	46	41	39	31	52.7
Calico Rock§§	Maximum	89	76	81	90	96	87	86	90	89	92	86	90	92	87	80	81	80	77	72	72	74	61	76	72	73	74	80	66	46	59	62	78.6
	Minimum	44	45	64	61	58	50	50	58	61	58	59	59	60	59	60	64	63	45	44	39	41	52	35	35	37	39	41	40	41	38	32	49.4
Camden§*	Maximum	96	87	79	91	86	89	89	92	94	91	90	88	91	86	88	81	77	77	79	76	78	66	72	75	79	80	81	70	49	61	62	80.6
	Minimum	44	47	68	68	72	62	58	56	57	60	61	65	60	55	55	65	64	46	43	44	46	50	34	34	37	38	40	56	47	42	36	51.9
Center Point	Maximum	94	89	79	90	90	91	89	90	94	88	90	..	..	86	85	85	74	79	82	76	77	72	74	77	79	78	73	69	62	60	59	80.4
	Minimum	58	67	64	67	70	65	66	66	68	67	67	..	..	64	67	69	60	46	52	52	54	51	37	53	50	51	60	55	40	41	40	57.5
Conway	Maximum	89	83	82	90	88	88	88	93	94	73	87	88	93	90	82	83	77	74	76	72	75	69	71	74	77	78	70	68	62	58	62	79.2
	Minimum	48	66	68	68	67	54	61	68	64	65	64	65	71	58	65	69	62	51	47	40	49	52	37	39	39	43	57	47	41	40	32	54.7
Corning	Maximum	86	79	72	86	87	88	87	89	89	93	88	90	92	87	84	76	74	74	72	69	76	64	64	72	71	69	76	69	55	60	60	77.4
	Minimum	41	61	64	66	62	59	53	56	64	55	64	67	61	63	66	64	64	52	46	38	44	46	36	36	39	38	58	50	37	32	28	52.0
Dardanelle	Maximum	91	85	84	92	86	85	82	90	92	91	85	88	91	84	82	86	78	76	76	70	74	68	72	72	77	78	73	68	58	56	58	79.0
	Minimum	53	67	68	68	68	59	63	61	65	67	66	67	65	63	67	71	62	49	49	43	54	56	36	42	42	48	56	49	42	43	36	56.3
Dumas	Maximum	89	84	86	92	86	86	88	94	94	95	91	92	90	90	89	80	78	75	75	72	72	70	67	65	75	82	78	70	66	60	[illegible]	80.3
	Minimum	45	64	66	69	69	55	52	52	61	59	60	63	59	54	66	65	62	48	44	41	42	53	39	42	38	41	53	53	42	41	34	52.6
Dutton	Maximum	88	79	77	81	88	86	82	85	65	85	82	84	85	79	82	81	66	77	68	70	71	61	72	72	71	71	74	68	58	55	58	75.0
	Minimum	45	58	62	58	49	46	57	56	57	55	58	60	55	52	64	60	51	55	36	29	46	42	27	31	33	38	55	37	38	32	28	47.4
El Dorado	Maximum	96	86	85	92	85	88	88	92	92	91	89	92	88	84	89	84	77	77	80	75	80	73	72	74	79	81	80	75	64	60	61	81.6
	Minimum	53	69	69	71	70	63	61	61	60	65	67	68	65	59	68	66	64	55	49	48	65	54	40	41	30	41	59	58	44	43	39	56.8
Eureka Springs	Maximum	83	84	81	88	89	86	85	88	94	88	84	88	91	90	86	86	75	72	69	77	72	65	74	75	73	75	77	68	56	59	64	78.8
	Minimum	58	58	66	65	52	55	63	65	65	65	64	67	64	61	66	61	55	45	43	39	56	43	37	42	44	41	55	42	38	37	35	53.2
Fort Smith	Maximum	92	85	80	90	89	86	86	89	92	91	86	88	89	87	88	85	68	76	73	72	76	58	75	74	76	78	73	67	51	58	55	78.6
	Minimum	57	66	67	68	62	62	65	66	67	68	65	68	68	67	68	63	54	49	52	45	57	45	39	47	47	52	58	51	41	43	35	56.9
Grannis	Maximum	93	97	77	89	92	92	91	89	95	88	84	85	92	88	87	85	74	79	83	77	75	68	76	77	77	77	70	67	60	61	59	80.5
	Minimum	40	63	61	65	60	60	63	59	60	58	58	63	59	55	56	62	63	40	42	40	48	48	31	42	37	39	57	51	39	39	[illegible]	51.7
Gravette	Maximum	81	84	78	87	85	89	83	84	91	87	84	87	85	87	81	79	65	65	65	74	70	67	74	72	75	76	74	77	69	58	60	77.2
	Minimum	59	57	63	65	49	55	60	61	65	66	65	67	64	63	61	60	51	42	40	38	56	42	31	37	43	41	44	40	39	36	33	51.5
Helena	Maximum	89	87	79	90	86	86	89	92	94	94	90	91	89	90	89	81	78	75	75	69	77	67	68	71	78	78	72	66	54	57	64	79.5
	Minimum	52	67	68	69	69	60	52	60	60	64	65	67	55	62	71	67	65	48	47	42	48	52	38	41	41	49	55	50	42	41	37	55.3
Hope	Maximum	98	85	76	93	92	93	93	96	96	95	92	95	95	90	90	89	75	79	81	79	86	72	75	78	84	81	80	70	61	62	61	83.7
	Minimum	72	74	68	70	72	67	67	70	70	68	68	68	64	64	70	74	65	55	45	45	50	43	35	43	40	42	58	55	40	42	37	58.1
Hot Springs	Maximum	87	88	82	90	91	90	92	92	94	90	88	87	92	91	92	86	80	81	79	76	77	60	64	71	77	70	72	74	79	64	64	81.3
	Minimum	65	66	59	65	57	58	56	60	62	63	65	63	67	63	57	63	65	64	48	43	52	48	36	37	44	40	41	40	40	35	41	53.6
Jonesboro	Maximum	88	73	74	87	85	87	86	91	91	91	94	88	90	91	90	84	76	79	73	73	70	75	63	67	70	74	75	71	64	55	58	61	77.6
	Minimum	48	63	63	66	68	53	56	58	64	64	63	63	64	64	67	66	64	64	52	51	42	47	52	39	44	46	44	56	45	43	28	39	54.4
Lead Hill	Maximum	90	80	86	94	85	87	81	89	91	92	87	91	92	87	84	85	75	75	69	72	72	66	76	73	71	75	76	64	59	57	62	78.8
	Minimum	42	60	62	61	53	45	60	60	59	57	57	59	58	56	61	64	55	44	42	35	51	45	33	34	36	38	52	38	40	38	28	49.0
Little Rock	Maximum	86	81	74	88	86	84	85	88	90	90	84	85	87	85	84	80	78	74	74	69	73	63	72	71	74	75	70	63	53	56	60	76.8
	Minimum	56	68	67	66	68	61	64	62	69	68	67	68	66	64	68	67	59	54	53	50	51	46	42	51	48	47	58	50	40	41	38	57.4
Lurton	Maximum	84	75	74	82	84	..	83	83	85	83	79	81	85	82	75	81	68	70	67	66	67	58	68	66	73	68	71	61	47	51	55	72.4
	Minimum	53	60	62	62	66	..	59	62	67	64	60	63	64	62	65	54	48	42	47	43	51	40	35	45	50	47	54	41	35	34	35	52.3
Lutherville	Maximum	91	84	82	91	91	89	87	90	94	91	87	80	93	88	85	87	73	74	75	70	73	65	70	76	76	75	71	68	60	60	59	79.2
	Minimum	53	64	65	67	61	58	63	63	65	67	63	65	64	64	66	64	59	45	50	41	53	47	34	43	44	50	57	47	40	39	35	54.7
Magnolia	Maximum	96	86	81	92	89	90	89	94	94	94	90	89	90	84	..	90	75	..	79	78	83	80	72	75	82	81	81	79	64	60	58	82.6
	Minimum	53	70	67	70	64	65	62	59	65	62	64	67	63	60	..	66	64	..	45	49	51	53	36	41	40	46	55	57	43	42	[illegible]	55.9
Malvern	Maximum	93	83	79	87	89	86	87	81	94	87	89	82	89	81	80	80	73	70	78	72	67	68	79	78	67	76	72	69	60	51	57	77.5
	Minimum	46	65	67	66	71	55	61	56	62	61	64	64	62	56	65	70	65	46	44	41	49	51	33	40	38	40	55	54	42	42	33	53.7
Mammoth Spg	Maximum	81	78	74	89	81	82	85	88	88	90	87	86	90	89	83	74	82	74	69	70	73	65	70	69	71	69	71	61	56	57	62	76.1
	Minimum	51	61	60	58	48	54	56	61	51	58	62	60	65	63	64	63	49	44	38	43	48	31	31	36	40	46	42	39	35	28	32	49.0
Marianna	Maximum	85	80	78	86	82	82	88	87	88	89	85	85	85	84	85	79	75	71	71	66	73	72	64	68	74	75	68	65	64	55	61	76.5
	Minimum	48	66	68	68	73	55	55	54	60	65	67	66	62	61	60	67	58	52	48	44	49	48	41	46	43	48	54	43	42	40	34	54.4
Marshall	Maximum	92	87	80	86	84	85	86	89	89	90	84	88	88	87	82	86	84	76	71	76	72	69	74	70	73	74	77	72	62	55	[illegible]	79.0
	Minimum	56	63	60	66	50	51	50	60	62	66	67	68	60	46	65	66	59	44	43	45	47	46	31	34	37	44	59	38	38	37	28	51.2
Mena	Maximum	91	87	78	93	90	90	89	88	90	87	83	85	87	85	83	75	54	70	75	76	73	57	75	74	77	76	70	63	58	57	59	77.9
	Minimum	50	71	63	66	65	61	64	62	65	60	63	67	63	59	69	66	54	44	46	44	53	46	34	45	47	48	61	54	39	39	34	54.9
Mount Ida	Maximum	93	84	75	83	67	76	76	91	93	90	78	78	79	79	79	77	77	77	63	63	68	67	60	60	67	69	69	66	58	51	57	73.2
	Minimum	43	64	62	63	60	51	60	56	59	56	60	65	58	51	63	63	56	42	40	37	48	48	30	35	33	37	60	54	40	30	38	50.4
Newport	Maximum	98	79	79	89	86	86	85	90	92	94	96	90	91	90	93	83	79	86	78	72	75	67	72	73	75	76	76	67	62	59	64	80.7
	Minimum	47	63	65	67	66	54	57	57	63	63	64	66	62	63	65	68	65	53	50	42	47	51	37	45	42	43	52	45	42	38	32	54.0
Pine Bluff	Maximum	96	89	79	93	94	94	94	93	100	98	94	96	97	95	91	77	82	83	84	81	81	67	76	81	82	84	76	75	56	63	66	84.4
	Minimum	49	40	68	70	70	59	60	58	65	64	66	66	66	60	68	68	65	51	51	47	51	53	41	39	43	45	59	55	43	43	38	56.8
Portland	Maximum	90	87	86	91	87	90	89	91	90	89	87	88	88	84	88	80	77	75	78	73	77	71	67	72	76	78	81	76	64	55	59	80.1
	Minimum	46	64	66	67	72	61	54	52	58	58	61	64	59	57	66	62	65	50	44	46	43	59	41	42	37	40	51	58	50	43	38	54.0
Prescott	Maximum	93	88	88	90	90	90	90	88	92	91	93	87	86	84	85	87	80	78	80	81	82	76	78	76	76	77	82	78	84	81	60	82.9
	Minimum	51	53	65	60	61	62	71	60	63	64	60	65	63	64	60	62	60	48	47	47	52	60	37	51	41	41	43	56	54	43	37	54.5
Rison	Maximum	94	88	83	82	90	89	87	90	94	92	90	91	94	89	89	77	81	76	80	75	77	69	72	76	78	80	75	74	66	61	65	81.4
	Minimum	49	70	68	69	70	59	58	59	64	63	66	67	64	60	68	70	64	49	49	45	50	55	40	44	43	45	58	59	42	43	38	56.3
Searcy	Maximum	88	80	78	90	89	88	86	92	95	94	88	90	93	89	86	76	79	77	75	70	72	64	69	73	77	76	72	67	62	58	62	79.2
	Minimum	46	60	65	64	70	52	58	54	61	60	60	62	59	57	65	62	63	52	46	42	45	51	34	40	40	45	60	47	43	42	34	52.9
Stuttgart	Maximum	91	91	89	91	88	89	81	91	91	94	87	91	90	88	86	75	87	76	76	81	77	82	81	78	76	80	75	70	77	61	78	82.8
	Minimum	55	65	65	61	70	54	54	55	61	61	64	65	62	57	68	67	64	49	47	43	45	62	38	44	41	43	55	59	42	40	34	54.5
Texarkana	Maximum	98	87	78	93	91	95	93	94	97	92	90	93	94	90	90	85	76	85	87	83	83	70	78	83	84	82	81	70	61	61	61	84.0
	Minimum	55	65	62	62	73	65	65	63	67	64	62	60	60	60	61	61	56	46	47	50	54	55	35	44	43	44	48	56	56	40	41	55.5
Thornburg	Maximum	90	84	81	88	89	88	88	89	92	90	87	85	90	87	81	84	74	74	74	72	72	73	72	72	75	76	68	65	53	55	61	78.4
	Minimum	53	53	63	68	64	54	61	57	62	56	64	65	57	49	63	69	60	48	41	34	50	44	30	34	31	40	55	43	38	38	28	50.8
Warren	Maximum	89	86	81	89	86	83	81	87	88	87	86	88	87	84	84	84	73	75	72	70	75	69	65	70	75	76	75	72	62	56	62	78.0
	Minimum	50	70	69	70	69	61	60	58	66	65	66	66	64	60	68	68	69	65	62	46	50	38	42	49	44	46	60	56	43	43	[illegible]	57.3
Wilson	Maximum	82	81	75	80	82	80	82	86	88	90	90	89	90	88	83	81	75	75	71	72	71	68	71	68	71	75	68	62	56	58	62	76.5
	Minimum	46	60	60	67	65	50	50	58	60	60	68	70	66	69	70	64	63	60	48	46	48	46	40	39	40	49	50	40	36	40	31	53.5
Wynne	Maximum	85	76	79	88	86	84	86	90	91	93	87	86	89	87	83	79	79	75	75	69	74	65	67	71	74	76	70	84	56	57	63	78.2
	Minimum	45	51	66	67	70	53	52	53	60	65	64	66	61	59	59	71	65	48	46	44	48	45	37	35	40	46	55	55	42	39	31	52.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

551.05
LUNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., NOVEMBER, 1928 No. 11

GENERAL SUMMARY

Although the weather in Arkansas during the month of November was colder and wetter than the average, there were no record breaking extremes or unusual features. The month opened with temperatures near or somewhat below the seasonal average and no marked positive departures occurred until near the middle of the month when daily means were from 6° to 20° above normal for about a week. Thereafter temperatures were generally somewhat below normal with killing frost or freezing in most sections by the 20th, the coldest of the month about the 26th. The mean temperature, as determined from the records of 58 stations, was 50.2° which is 1.4° below normal, all except seven scattered stations showing negative departures. Monthly means ranged from 54.8° at El Dorado to 44.4° at Dutton and extremes from 82° at Huttig on the 8th and Crossett and Dumas on the 15th, to 13° at Dutton on the 26th. Extremes occurred on practically these dates throughout the State. The greatest daily range was 51° at Hope on the 21st.

Most of the precipitation occurred on the 1st, 2d, 14th to 17th, and 27th to 30th, amounts other days being light and scattered. The average for the month at 85 stations was 4.25 inches which is 0.60 inch above normal. A trace of snow was reported at seven northern stations, but all the measurable precipitation fell as rain. Monthly totals ranged from 7.71 inches at Bee Branch to 1.80 inches at Blytheville. The greatest amount measured in any 24 hour period was 3.10 inches at Bee Branch and Waldron on the 29th.

The usual late fall activities were carried on during the month under fairly favorable conditions. Cotton picking and rice threshing made good progress, but at the close of the month considerable cotton and rice still remained in the field. Some wheat and winter oats were sown. The killing frost did practically no damage, all crops being matured. All streams continued at moderately low stages throughout the month.

W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 2; 7th, 1; 14th, 1; 15th, 8; 16th, 3; 17th, 1; 19th, 1; 26th,1; 29th, 17.

DENSE FOG:------1st, 2; 5th, 4; 8th, 1; 10th, 7; 11th, 1; 12th, 1; 27th, 3; 28th, 9; 29th, 2.

SOLAR HALOS:---23d, 1; 30th, 1.

LUNAR HALOS:---22d, 1; 23d, 2; 24th, 5; 25th, 2; 26th, 2.

SLEET:----------25th, 1; 26th, 1; 27th, 5.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.14	30.61	25	29.65	17	4,375	29	S.	14	.....	.....	52
Fort Smith	30.16	30.64	25	29.72	17	5,067	30	SW.	16	83	67	41
Little Rock	30.18	30.62	25	29.77	17	5,537	24	SW.	17	80	63	46
Memphis	30.18	30.59	25	29.83	17	4,914	28	SW.	21	80	67	43

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**51.6**		**96**		**2**		**3.65**		**15**	**6**	**9**	**6**
1891	49.7	−1.9	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.7	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.3	84	7	10	24	4.21	+0.56	14	8	8	5
1894	50.4	−1.2	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.7	82	18	16	25	4.82	+1.17	14	5	11	6
1896	52.8	+1.2	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	0.0	88	15	15	30	2.82	−0.83	16	8	8	6
1898	47.5	−4.1	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.7	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	−0.2	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−1.1	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+4.9	90	11	18	27	6.66	+3.01	8	9	13	9
1903	47.6	−4.0	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	−0.2	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.6	88	18	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.4	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.6	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.2	88	10	5	14	5.40	+1.75	15	6	9	8
1909	59.3	+7.7	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	24	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.8	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−1.1	89	11	13	25	1.66	−1.99	19	7	4	2
1913	57.6	+6.0	85	18	20	9	2.47	−1.18	10	9	11	5
1914	52.6	+1.0	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.2	88	1	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.5	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.9	85	10	11	24	1.96	−1.69	17	4	9	4
1918	49.7	−1.9	88	6	18	30	3.91	+0.26	15	4	11	5
1919	51.4	−0.2	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.8	89	7	10	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.3	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.3	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.8	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+1.8	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.2	89	12	15	25	5.67	+2.02	16	4	10	8
1926	47.2	−4.4	81	6	10	19	3.33	−0.32	14	5	11	6
1927	56.7	+5.1	96	1	20	17	3.68	+0.02	7	8	15	6
1928	50.2	−1.4	82	8†	13	26	4.25	+0.60	13	8	14	8

Corrections: October, 1928

Lutherville, monthly mean temperature should be 67.0°, departure +5.2°.
Pocahontas, prevailing wind direction should be N.

Climatological Data for November, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	33	53.0	+0.4	80	15	22	26	43	2.66	−1.30	0.65	0.0	7	13	5	12	n.	G. C. Thrash
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	3.81	+0.29	1.40	0.0	9	14	2	14	n	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	4.57	+0.78	2.02	0.0	8	15	1	14	.....	Grady F. Jones
Arlberg	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	5.92	.....	2.55	0.0	5	10	4	16	ne.	J. D. Reeves
Batesville	Independence	277	29	47.0	+2.2	78	12	16	26	45	4.28	+1.28	2.06	0.0	11	13[a]	1[a]	15[a]	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	49.0	−2.3	71	6	19	26	37	7.71	+4.28	3.10	0.0	10	13	3	14	s.	J. E. Scanlan
Bentonville	Benton	1303	23	46.4	−0.3	68	16	21	26	32	4.74	+1.75	2.02	T.	10	16	1	13	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	5.58	+1.43	2.38	0.0	10	13	1	16	s.	Vernon C. Howe
Blytheville	Mississippi	252	3	51.2	.....	75	6	22	26	36	1.80	.....	0.73	0.0	3	12	5	13	n.	W. Ebner
Booneville	Logan	465	14	50.6	−3.2	77	7	22	26	45	3.69	−0.33	1.39	0.0	6	11	4	15	e.	F. H. Randolph
Brinkley	Monroe	205	41	50.8	−1.0	78	15	18	26	42	3.22	−0.97	1.00	0.0	11	13	4	13	se.	R. J. Terry
Calico Rock	Izard	361	24	47.0	−1.6	73	21	17	26	51	3.63	+0.54	1.03	0.0	10	12	5	13	nw.	W. J. Copp
Camden	Ouachita	158	43	50.2	−2.0	77	15†	19	26	47	3.67	−0.40	1.15	0.0	10	12	2	16	n.	A. B. Quarterman
Center Point	Howard	470	29	52.6	−2.0	74	15	28	20	35	4.78	+1.32	2.15	0.0	8	14	3	13	se.	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	3.63	−0.27	1.39	0.0	13	12	2	16	s.	J. W. Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	6.28	.....	2.60	0.0	7	9	8	13	w.	A. L. Stephens
Conway	Faulkner	309	45	51.2	−0.6	73	15†	20	26	42	3.83	−0.27	1.90	0.0	9	15	5	10	w.	E. E. Cogbill
Corning	Clay	293	35	49.0	+1.0	71	15†	16	26	39	5.86	+2.18	1.67	0.0	6	17	1	12	w.	Winfred D. Polk
Corning (river)	Clay	280	4	.....	.....	.....	.....	.....	.....	.....	5.86	.....	1.97	0.0	7	12	3	15	.....	Henry Stafford
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	1.92	.....	0.55	0.0	5	12	0	18	n.	T. O. Finck
Crossett	Ashley	175	14	53.0	−1.4	82	15	21	16	41	4.33	+0.56	2.55	0.0	7	11	11	8	nw.	A. E. Wickerman
Dam No. 1	White	190	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. O. Yingling
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	4.98	+1.42	2.23	0.0	4	13	1	16	n	C. G. Hudson
Dardanelle	Yell	330	42	50.6	−1.8	71	16	25	26	38	5.49	+1.99	1.36	0.0	8	11	7	12	e.	S. N. Goodner, Jr.
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	3.10	.....	1.11	0.0	9	14	0	16	.....	H. G. Lee
Dumas	Desha	162	22	51.5	−2.4	82	15	18	26	41	5.16	+1.27	1.80	0.0	9	10	12	8	s.	Ben Nicholson
Dutton	Madison	1500	25	44.4	−3.2	71	12	13	26	44	6.17	+2.78	1.66	T.	9	11	4	15	nw	J. M. Pickett
El Dorado	Union	270	27	54.8	−0.1	80	15	26	26	37	4.81	+1.59	2.30	0.0	10	10	6	14	se.	J. J. Babb
England	Lonoke	228	21	52.2	−1.5	76	16	20	26	39	2.99	−1.41	0.66	0.0	10	12	5	13	s.	Dr. R. B. Hardin
Eureka Springs	Carroll	1485	28	48.4	−3.2	72	7	20	26	34	4.67	+1.72	1.23	T.	9	11	4	15	n.	Geo. W. Nicholds
Evening Shade	Sharp	600	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fayetteville	Washington	1451	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	University of Arkansas
Fort Smith	Sebastian	457	47	49.5	−1.5	73	14	29	26	31	2.45	−0.42	1.10	T.	8	7	9	14	e.	U. S. Weather Bureau
Freeman Springs	Pope	2245	4	.....	.....	.....	.....	.....	.....	.....	5.63	.....	1.33	0.0	9	15	1	14	sw.	J. R. McCuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	3.66	+0.15	1.18	0.0	9	10	6	14	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	2.32	−1.27	1.64	0.0	8	12	0	18	w.	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	2.89	.....	0.70	0.0	7	11	8	11	.....	Ben F. Pattenfield
Grannis	Polk	900	9	49.8	.....	73	12†	21	25	44	6.52	.....	2.30	0.0	9	13	4	13	sw.	W. B. McVay
Gravette	Benton	1250	31	47.6	−1.8	76	13	24	23	40	3.99	+0.98	1.36	T.	8	10	6	14	sw	A. F. Stevens
Harrison	Boone	1052	27	46.6†	−2.1	82†	8	16†	26	47†	3.42	+0.63	0.90	0.0	9	8[e]	2[e]	15[e]	.....	G. L. Wright
Helena	Phillips	250	56	52.0	−1.2	79	15	20	26	38	6.41	+1.92	2.28	0.0	12	16	0	14	sw.	James V. Burnett
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	6.65	.....	2.52	0.0	9	10	5	15	n.	Geo. W. Baker
Hope	Hempstead	377	57	53.6	−1.0	80	24	21	26	51	5.50	+1.03	3.04	0.0	8	17	1	12	n.	N. P. O'Neal
Hot Springs	Garland	600	37	51.5	−1.0	79	11	25	26	37	2.37	−1.93	0.90	0.0	5	15	10	5	.....	G. C. Bolton
Index	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	4.47	.....	1.95	0.0	8	13	2	15	.....	H. G. Sanderson
Jessieville	Garland	750	2	.....	.....	.....	.....	.....	.....	.....	1.36	.....	2.10	0.0	8	17	4	9	.....	U. S. Forest Service
Jonesboro	Craighead	345	33	51.8	+0.4	76	15	21	26	36	3.02	−0.44	1.20	0.0	9	19	2	9	nw.	Benedictine Sisters
Junction	Union	182	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. A. Lowdenback
Lambrook	Phillips	155	5	50.6[b]	.....	78[c]	16	16[b]	26	47[b]	.....	.....	.....	.....	.....	.....	.....	.....	n.	Mrs. D. C. White
Leola Hill	Boone	650	1	47.4	.....	75	7	15	26	44	3.82	.....	1.36	0.0	7	15	1	14	nw.	L. H. Crosswhite
Little Rock	Pulaski	357	49	51.4	−0.7	74	16	30	26	36	2.44	−2.00	1.56	0.0	7	10	7	13	s.	U. S. Weather Bureau
Lurton	Newton	2100	3	45.0	.....	67[b]	7†	23[b]	26	40	5.91	.....	1.75	0.0	10	16	3	11	s.	L. C. Sutton
Lutherville	Johnson	775	30	49.0	−2.2	71	12	24	26	31	6.36	+3.07	2.35	0.0	10	10	4	16	e.	H. G. Lenhardt
Magnolia	Columbus	315	9	54.2[c]	.....	79[c]	15†	22[c]	26	47[c]	3.46	.....	1.45	0.0	8	8[c]	8[c]	11[c]	s	State Agri. School
Malvern	Hot Springs	277	41	49.8	−2.4	72	16	21	26	35	4.23	−0.34	1.94	0.0	10	12	4	14	e.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	660	23	45.8	−2.8	72	7†	16	25	41	5.60	+2.28	1.90	0.0	8	15	4	11	nw.	W. G. Gregg
Marianna	Lee	235	16	52.8	+0.8	77	19	23	26	38	4.02	+1.02	1.21	0.0	10	19	0	11	s.	C. N. Houck
Marked Tree	Poinsett	229	23	48.0	−1.8	76	14	17	21	42	2.36	−2.14	1.01	0.0	6	14	5	11	n.	Charles Walton
Marshall	Searcy	1070	14	49.0	−2.7	72	7	17	26	42	2.56	−1.38	1.60	0.0	6	15	0	15	n	A. J. Perks
Mena	Polk	1185	40	49.6	−3.5	69	15†	23	26	34	5.08	−1.62	1.07	0.0	12	12	6	12	nw	E. W. St. John
Morrilton	Conway	347	7	48.8	.....	72	16	24	26	37	5.07	.....	1.95	0.0	6	9	3	18	nw	John Cook
Mountain Home	Baxter	890	14	49.2[c]	−0.4	78[c]	7	15[c]	26	45[c]	3.87	+0.61	1.57	0.0	5	15[c]	0[c]	12[c]	w.	B. S. Halbert
Mount Ida	Montgomery	650	29	46.8	−4.3	69	16	17	26	37	6.41	+2.40	2.66	0.0	7	12	5	13	e.	G. A. Whittington
Nashville	Howard	350	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. H. Shillern
Newport	Jackson	231	44	51.6	+0.6	77	15	20	26	40	3.29	−1.11	1.66	0.0	13	13	6	11	n.	A. C. Wickerson
Norman	Montgomery	780	1	....	.....	.....	.....	.....	.....	.....	7.89	.....	2.75	0.0	8	10	13	7	.....	U. S. Forest Service
Oden	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	5.45	.....	2.00	0.0	3	10	5	16	sw.	U. S. Forest Service
Osceola	Mississippi	240	39	49.8	0.0	77	16	21	24†	38	2.97	−1.88	0.90	0.0	5	13	5	12	n.	Irma Thompson
Ozark	Franklin	396	32	49.6	−2.6	71	12	24	26	39	4.04	+0.86	0.95	0.0	8	13	2	16	nw.	Isham Burrow
Paragould	Greene	361	2	.....	.....	.....	.....	.....	.....	.....	4.02	.....	1.34	0.0	9	15	6	9	n.	W. E. Heagler
Patterson	Woodruff	198	12	.....	.....	.....	.....	.....	.....	.....	3.13	−1.89	1.60	0.0	9	13	1	16	s.	W. E. Baker
Piggott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	3.64	.....	1.42	0.0	11	11	4	15	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	54.3	+1.5	80	13	23	26	48	3.07	−1.12	0.93	0.0	11	15	4	13	nw.	Miss Theresa Scheu
Pocahontas	Randolph	500	35	49.7	−1.5	71	6†	19	26	40	5.81	+2.30	2.27	0.0	10	12	3	15	sw	Benedictine Sisters
Portland	Ashley	122	22	53.6	−0.3	81	16	19	26	43	4.76	+1.16	2.10	0.0	6	10	5	15	n.	W. E. Edmison
Prescott	Nevada	329	40	51.8	−2.4	77	15	25	25	39	2.22	−1.27	0.70	0.0	7	16	0	14	n.	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	2.91	−1.05	0.60	0.0	6	13	0	17	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	53.8	+0.7	79	15†	25	26	40	4.08	+0.70	0.80	0.0	7	12	3	15	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	47.4	−1.9	70	7†	16	26	39	5.13	+2.20	1.58	T.	5	8	6	15	sw.	Carl A. Starck
St. Francis	Clay	290	1	.....	.....	.....	.....	.....	.....	.....	3.11	.....	1.54	0.0	6	12	0	18	.....	S. T. Rooney
Searcy	White	236	19	50.0	−0.7	73	15†	20	26	40	4.12	−1.36	1.75	0.0	11	14	0	16	s.	J. T. Bell
Springbank	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	4.63	+1.16	1.10	0.0	8	12	0	18	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	2.67	.....	1.12	0.0	5	16	3	11	s.	C. Story
Stuttgart	Arkansas	228	47	51.6	−0.6	78	15	21	25	40	3.29	−0.70	0.70	0.0	11	14	3	13	n.	Adam Buerkle
Subiaco	Logan	1050	31	49.7	−3.3	73	16	21	26	39	3.01	−0.11	2.27	0.0	6	14	1	15	s.	New Subiaco Abbey
Texarkana	Miller	332	42	53.7	−1.7	79	12	24	26	42	5.70	+2.55	2.30	0.0	7	14	2	14	n.	H. S. Brashear
Tuckerman	Jackson	230	4	.....	.....	.....	.....	.....	.....	.....	5.95	.....	1.96	T.	9	9	4	17	n.	Edward E. Holmes
Two Lane	Perry	650	4	47.5	.....	70	16	15	26	48	5.25	.....	3.10	0.0	7	10	3	17	nw.	Dr. Cheves Bevill
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	3.73	−0.24	1.10	0.0	8	15	8	7	se.	Miss Evelyn Hoyle
Warren	Bradley	206	34	53.1	−0.5	78	16	32	21†	33	5.54	.....	1.98	0.0	7	12	4	14	w.	J. R. Huddleson
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	6.13	+3.19	2.43	0.0	7	11	3	16	ne.	Nannie O. Schirmer
White Cliffs	Little River	280	24	.....	.....	.....	.....	.....	.....	.....	2.82	.....	1.00	0.0	6	15	8	7	s.	M. W. H. Collins
Wilson	Mississippi	237	3	49.5	.....	78	16	17	26	36	3.24	−0.41	1.35	0.0	8	14	3	13	n.	E. O. Allen
Wynne	Cross	250	20	50.5	−1.3	77	15	19	26	40	4.01	.....	1.05	0.0	12	13	2	15	.....	W. E. Barton
Yancopin	Desha	167	4	.....	.....	.....	.....	.....	.....	.....	4.25	+0.60	3.10	T.	8	13	3	14	n.	
State Means and Extremes				51.2	−1.4	82	8†	13	26	51										

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. [a]Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Dam No. 1, Judsonia; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending 8 a. m. local time unless otherwise indicated. ***24 hours ending midnight. ‡24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for November, 1928

Stations	Drainage-basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.65	35						.11	.10						.28	.54											.26	.32	.25			2 66
Arkadelphia	Ouachita	.88	1.40					.11	.10							.10		.35										.10	.55		.25		3.84
Arkansas City	Mississippi		2.02					.02	.03									.20	T.	.20								T.	.40	.10	1.60		4.57
Arkinda	White	1.60													.40	.57		.80												2.55			5.92
Batesville	White	.16	2.05							.06						.22	.04	.40	.02	T.	T.							.02	.10	.12	1.53			4.83
Bee Branch	Arkansas	3.05	.04						T.	.04					.31	.15	.08	.57										.12	.22	3.10				7.71
Bentonville	Arkansas	.51	T.	T.			T.	T.		T.					51	1.04	.31	.26	.01	.03									.02	2 02			4.74
Black Rock	White	.16	1.96													.06	.15	.50	.16	T								.05	.18	.18	2.38		5 58
Blytheville	Mississippi	.73	.03					.05										.44	.10	.02									.27	.16			1.80
Booneville	Arkansas	1.14							.06						.20	.26	.64			T										1.39			3.69
Brinkley	White	.08	1.00					.17	.43		T.					.04		.15	.21	.09								.60	.35	.10			3.22
Calico Rock	White	.20	1.03							.01						.22	.23	.50	.02	.04									.33	.35			3.63
Camden	Ouachita	.49	1.15					.26	.04									.28	.02									.10	.33	.29	.71		3.67
Center Point	Red	2.13													.81	.30	.06	.24										.40	.24	.40			4.70
Clarendon	White	.06	.80					.31	.37		.01					.05		.26	.05	.10								.03	.60	.93	12		3.63
Clinton	White	2.00													.48	.37	.58											.22	.03	2.60			6.28
Conway	Arkansas	1.90								.01					.21	.11		.28										.04	.20	1.01	.04		3.83
Corning	White		1.49														1.67		.61										.48	1.11	.50		5.86
Corning (river)	White		1.45						.45						T.		.32	.70		T.									.41	.06	1.97		5.36
Cotter	White	.28	.42													.25	.56	.42		T.	T							T.					1.92
Crossett	Ouachita	T.	1.14					.09												.09								.06	.17	.23	2.55		4.33
Dam No. 1	White																															
Danville	Arkansas	.79													T.	.85	T.	1.08										T.			2.23		4.95
Dardanelle	Arkansas	.67	.71							T.						.34	.68	.69										T.	.12	1.36	.92		5.49
De Valls Bluff	White	.09	1.11					24	.36											.30	.06							T.	.50	.28	.16		3.10
Dumas	Mississippi	.20	1 12				T.	.75							T.			.17		.05								.20	.60	.27	1.80		5.16
Dyson	White	1.08	.04						.09						1 06	.57	.28	.84		T.								.01	1.60				6.17
El Dorado	Ouachita	18	2.30					.28								.02		.18		.12								.08	.35	.60	.70		4.81
England	Arkansas	.66	.32					.51	.01		T.				.05		T.	.20										.25	.20	.09	.01		2.30
Eureka Springs	White	.96		T.						.05					.42	1.23	.05	.65	.03	.10										1.18			4.67
Evening Shade	White																															
Fayetteville	White																															
Fort Smith	Arkansas	.32		T.			T	T.		.03	T.				.48	.25	.17	.09	T.	T.							T.	.01	T.	1.10			2.45
Freeman Spgs	Arkansas	.98	.21							T.					1.00	.21	1.33		.02									.04	.80	1.04			5.63
Fulton	Red	.75	1.18													.35	.03	.55										.08	.42	.04	.23		3.66
Georgetown	White	.06	1.64					.10	.08									.06											.22	.04	.12		2.32
Gilbert	White	.64	.15													.30	.23	.34	T.		T.									.53	.70		2.89
Grannis	Red	2 50							.03						78	.73	.31	.70										.32	.19	1.13			6.52
Gravette	Arkansas	.60	.05	T.			T.	T.							.68	1.36	T.	.38	T.	.09								T.	.02	.81			3.99
Harrison	White	.63	.04						.01						.58	.41	.28	.53										.04		.90			3.42
Helena	Mississippi	.02	1.50	.02				.10	.42							.04		.01	.22	.16									.70	.94	2.28		6.41
Hogden	White	2.52									T.				.36	.15	.10	.54										.07	.10	2.43	.36		6.63
Hope	Red	1.08						3 04							.18	.10		.27										.18	.37	.28			5.50
Hot Springs	Ouachita	.80													.90													.50	.02	.15			2.37
Index	Red	1.95	1.15												T.	.26		.60										.06	.37	.03	.07		4.47
Jessieville	Ouachita	2 10							.20						.50	.20	.50											.25	.20	.40			4.35
Jonesboro	White	1.20	.25					.01							.05			.45										09	.17	.35	.45		3.02
Junction	Ouachita																															
Lamb Brook	White																		.18		.10								.38	.80	.82		
Lead Hill	White	.67		T.						T.					.53	.57	.66	.60	T.	.03										1.36			3 82
Little Rock	Arkansas	1.55						.27		T.					.04	T.	T.	.23	T.	T.								.26	.14	.10			2.59
Lurton	White	1 10	.63							.04					75	.80	.30	1 25										.04	.05	1.75			5.91
Lutherville	Arkansas	1.01								.03					.32	.17	.02	1 30		.07								.05	1.18	2.35			6.50
Magnolia	Red	1.45						.16								.02	.01	.22											.40	1 00	.20		3.46
Malvern	Ouachita	.79	1.94					.20	.10							.13	.02	.30											.50	.06	.20		4.24
Mammoth Spg	White	.50	1.30												.23	1.20	.41		.06										.47	.83			5.60
Marianna	Mississippi	.17	.52					.61							.05			.18		.14								.14	.50	.50	1.21		4.02
Marked Tree	Mississippi		1.01						.34										.10										.39	.40	.12		2.36
Marshall	White									T.					.23	.20	.10	.36		.07										1.60			2.56
Mena	Ouachita	1.07	.72								.05				.10	.35	.25	.72		.02								.05	.32	.57	.56		5.08
Morrilton	Arkansas	.95	1.95														.34	.50											.40		.93		5.07
Mountain Home	White	1.60								T.					.30	.50	.25											T	T.	1.87			3.87
Mount Ida	Ouachita	2.60													47		.47	.76										.16	.17	1.75			6.44
Nashville	Red																															
Newport	White	.12	1.66					.02	.05		.04					16	.02	.12	.28									.02	.23	.18	.41		3.29
Norman	Ouachita	2 75													.80	1.70	.63	.71										.30	.10	.90			7.39
Olen	Ouachita	1.70														*	*	2.05												1.75			5.45
Osceola	Mississippi	.90	T.	T.			T.	T.						T.				T.								T.	.60	.70	.52		.25		2.97
Ozark	Arkansas	.83	.20														.47	.75	.04									T.	T.	.20	.95		4.04
Paragould	Mississippi	1.34						.04							.12		.54		.05								.25	.25	.18	1.25			4.02
Patterson	White	.05	1.60					.25	.10									.47		.05								.06	.43	.12			3.13
Piggott	Mississippi	.65	.40												.10	.05	.03	.46		.07								.17	.19	1.42	.09		3.64
Pine Bluff	Arkansas	.23	.98					.25	.30		T					T.		.10	.04	.06								.05	.52	.43	.11		3.07
Pocahontas	White	1.10	1.04												.05	.13	.40	.57		.05								.15	.10	2.27			5.81
Portland	Ouachita		1.72						.25										.31	.18									.20		2.10		4 76
Prescott	Ouachita	.28						.14							.23	.11	.53											.70		.23			2.22
Princeton	Ouachita							.48																				.55	.50	.36			2.91
Rison	Ouachita	.29	.74					.55																				.72	.35	.80	.63		4.08
Rogers	White	.56		T.			T.			T.					.93	1.58		.55		T.										1.51			5.13
St. Francis	Mississippi	T.	.98													.10	.12	T.										T.	.21	.16	1.54		3.11
Searcy	White	1 75	.70					12							.15	.02	.02	.43										.10	.22	.50	.10		4.12
Spaniard	Red	1.10	1.00				T.	T.	.10									.10	.76									T.	.58	.05	1.00		4.68
Storey	Ouachita														.11	.30	1.12	.84											.80				2.67
Stuttgart	Arkansas	.70						.32	.44						.03		.05	.09	.08								.10	.67	.70	.11			3.29
Subiaco	Arkansas	T.								.03					.06	.07	T.	.55										.03	T.	2.27	T.		3.01
Texarkana	Red	2.80							.70							.35	.10	1.20											.70	.35			5.70
Thornburg	Arkansas	1.96		.01			.05		.02						.56	.08	.10	.49		T.	T.									.68			3.95
Waldron	Arkansas	1.11							.06						.04	.42	.14	.38										T.	T.	3.10			5.25
Warren	Ouachita	.11	1.10					.40							T.			.25	T.	.21								.13	.48		1.05		3.73
Waters	Ouachita	1.98														.85		.70										.14	.15	.38	1.36		5.54
Whitecliffs	Red	2.15	1.08												T.	.40		.78										.22	.42	T.	.80		6.13
Wilson	Mississippi		.90					.30								.02				.40									.20	1.00			2.82
Wynne	Mississippi	T.	1.35					.40								.05		.40			.12							T.	.55	.17	.20		3.24
Yancopin	Arkansas	.01	1.05					.37	.38							.02		.15	.04	.12								.05	.45	.33	1.04		4.01

Daily River Stages for November, 1928

Stations	Rivers	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.3	4.6	4.5	4.5	4.3	4.0	3.9	4.0	3.7	3.5	3.6	3.5	3.5	3.5	3.3	3.4	6.6	8.0	8.1	10.2	15.7	16.8	17.2	16.2	15.3	14.8	14.4	13.2	12.7	13.2	
Ozark	do	22	2.0	2.1	2.3	2.4	2.6	2.5	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.4	1.9	3.2	5.9	6.5	9.3	12.5	13.0	12.7	11.7	9.4	10.6	9.9	9.6	9.3	
Dardanelle	do	20	4.3	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.5	3.6	4.4	6.6	6.7	7.5	13.6	14.7	15.0	14.0	13.0	12.6	12.0	11.0	10.4	
Morrilton	do	20	0.3	1.0	1.4	1.4	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.9	3.0	4.5	4.3	10.5	12.8	13.5	12.8	11.5	10.8	10.4	9.5	9.9	
Little Rock	do	23	1.0	1.4	2.6	2.6	2.2	2.0	1.7	1.4	1.3	1.2	0.9	0.9	0.8	0.8	0.6	0.5	0.5	0.4	1.0	8.8	5.1	6.3	11.6	13.1	13.3	12.5	11.5	11.0	10.4	10.0	
Pine Bluff	do	25	5.4	5.6	5.9	6.3	6.8	6.2	6.0	5.8	5.5	5.4	5.2	4.9	4.9	4.5	4.3	4.1	4.1	4.1	4.1	4.4	6.7	9.7	13.6	16.4	16.6	16.8	16.2	15.6	15.1	14.7	
Yancopin	do	29	9.3	9.4	9.6	9.7	10.7	11.4	11.1	10.8	10.5	10.2	10.0	9.7	9.6	9.5	9.4	9.2	9.0	8.7	8.5	8.4	8.4	11.0	13.8	19.4	22.4	24.0	25.0	25.6	26.0	26.4	
Danville	Petit Jean	20	3.2	3.8	4.1	3.7	2.2	1.8	1.5	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.2	2.1	1.9	1.7	1.8	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.8	15.4

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	1.5	1.5	1.4	1.5	1.6	1.7	1.2	1.4	1.4	1.5	1.5	1.6	1.4	1.2	1.4	1.7	1.8	3.0	3.8	2.6	3.2	3.1	2.9	2.9	2.7	2.8	2.0	1.9	2.2	3.8	
Calico Rock	do	18	0.5	0.7	0.7	0.6	0.6	0.5	0.7	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.8	1.1	1.4	2.1	2.3	1.9	2.0	1.7	1.6	1.5	1.5	1.4	1.2	1.3	1.8	
Batesville	do	28	5.4	7.0	6.0	5.7	5.6	5.6	5.6	5.6	5.5	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.6	5.8	6.1	7.1	7.0	6.7	6.9	6.6	6.4	6.3	6.3	6.2	6.0	8.7	
Newport	do	26	3.1	3.7	6.6	7.0	6.5	5.8	5.0	4.8	4.5	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	4.2	4.9	5.4	5.8	5.7	5.4	5.3	5.0	4.8	3.6	4.6	4.4	5.2	
Georgetown	do	20	3.8	3.8	4.6	6.2	7.8	8.1	7.7	6.4	6.2	6.0	5.8	5.4	5.0	4.8	4.7	4.5	4.5	4.3	4.3	5.2	6.0	6.8	7.0	7.0	6.8	6.4	6.2	6.2	6.0	5.8	
De Valls Bluff	do	21	8.1	8.2	8.4	9.1	10.7	12.0	12.4	12.2	11.7	11.1	10.6	10.2	9.8	9.4	9.2	8.9	8.7	8.5	8.4	8.7	9.5	10.3	10.8	11.1	11.1	10.9	10.7	10.5	10.3	10.1	
Clarendon	do	34	11.5	11.7	11.9	12.3	13.3	14.4	15.1	15.3	15.1	14.7	14.1	13.6	13.2	12.9	12.6	12.4	12.2	12.0	11.8	11.8	12.2	12.8	13.3	13.6	13.8	13.8	13.8	13.8	13.9	14.0	
Gilbert	Buffa lo	12	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.0	4.3	4.1	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.9	
Black Rock	Black	14	8.5	9.4	9.3	8.1	6.9	6.3	5.8	5.7	5.5	5.4	5.2	5.1	4.7	4.5	4.1	4.0	6.9	7.4	7.2	7.0	6.9	6.6	6.3	6.0	5.7	5.7	5.4	5.0	4.8	11.7	
Dam No. 1	Little Red	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Camden	Ouachita.	30	4.4	4.6	5.0	7.2	10.0	9.0	7.2	6.3	6.0	6.0	5.9	5.8	5.5	5.4	4.6	4.4	4.4	4.8	5.3	8.0	9.2	9.7	9.0	8.2	7.5	6.6	6.0	6.0	5.8	5.8	
Fulton	Red	28	5.8	6.8	8.0	8.8	9.2	9.7	9.5	9.0	8.4	7.8	7.5	7.1	6.9	6.4	7.5	7.4	7.4	7.8	8.5	10.2	11.1	11.0	10.3	9.7	8.8	8.4	8.1	8.1	8.5	8.7	
Helena	Mississippi	44	15.9	16.3	16.1	15.7	15.3	15.1	14.8	14.7	14.8	14.9	15.3	15.8	16.3	16.5	16.4	16.1	15.6	14.9	14.3	13.6	13.2	13.6	16.6	12.4	26.5	29.3	31.5	33.0	34.0	34.5	
Arkansas City	do	48	18.6	18.6	18.6	18.6	18.3	18.0	17.9	17.7	17.5	17.4	17.4	17.4	17.8	18.3	18.7	18.7	18.6	18.2	17.6	16.8	16.1	15.6	15.9	18.6	24.5	29.0	32.0	33.7	34.9	36.0	

Daily Temperatures for November, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	56	51	43	61	63	74	67	64	58	60	68	78	69	65	73	71	65	59	44	50	64	58	55	65	47	48	42	49	63	48		59.3
	Minimum	32	48	37	36	32	32	39	49	30	31	30	33	28	29	52	58	55	43	40	25	21	34	21	21	31	16	18	38	40	46		34.8
Bentonville	Maximum	60	42	37	57	62	66	67	60	51	60	68	66	65	72	66	68	63	41	39	44	63	51	58	56	42	44	42	50	57	42		55.3
	Minimum	42	32	31	30	36	41	49	42	41	35	40	35	39	55	59	63	41	36	30	28	51	33	29	33	23	21	35	41	42	30		37.4
Bee Branch	Maximum	56	56	43	60	64	71	67	64	61	62	69	71	68	63	67	70	70	52	46	52	61	59	57	67	58	46	42	47	61	62		59.7
	Minimum	48	39	36	35	32	38	50	47	36	33	32	42	31	49	55	60	50	41	36	26	25	41	24	37	30	19	34	35	45	40		38.2
Blytheville	Maximum	63	64	59	59	64	75	65	65	57	55	66	68	71	64	74	71	68	62	58	51	62	58	56	62	56	51	41	50	62	55		61.1
	Minimum	34	50	41	39	34	43	54	54	35	35	36	40	35	45	61	62	62	43	41	31	30	42	28	40	29	22	36	39	49	46		41.2
Booneville	Maximum	62	60	47	60	69	62	77	65	56	62	65	71	71	72	70	73	71	48	46	52	70	61	64	66	59	46	44	48	63	59		61.3
	Minimum	51	39	35	35	36	40	51	51	37	37	40	33	40	57	65	63	47	43	37	26	25	40	25	34	29	22	39	39	47	38		40 0
Brinkley	Maximum	62	62	45	58	64	66	60	63	62	59	66	69	72	63	78	75	72	61	51	53	66	60	58	68	59	47	42	60	68	65		61.8
	Minimum	51	44	40	36	31	37	53	51	34	31	33	34	31	42	61	64	56	41	41	26	24	43	23	36	34	18	35	40	56	46		39 8
Calico Rock§§	Maximum	55	49	42	60	66	72	72	64	56	63	71	70	69	67	68	72	66	43	45	52	73	59	60	65	47	50	43	54	62	48		59.8
	Minimum	32	45	37	32	32	33	37	49	32	35	32	32	28	28	52	61	54	43	37	24	22	24	21	22	28	17	18	30	43	45		34.1
Camden§§	Maximum	64	57	56	62	69	63	67	60	66	64	69	72	74	70	77	77	68	57	55	56	68	65	61	71	54	50	51	66	69	59		63.6
	Minimum	37	46	36	32	32	33	48	45	38	37	32	32	34	34	52	63	53	40	42	26	25	26	24	24	35	19	21	37	50	49		36.7
Center Point	Maximum	63	53	53	61	64	63	69	68	60	64	69	72	72	66	74	72	67	53	52	54	65	63	59	67	63	48	42	52	65	63		62.2
	Minimum	52	40	36	33	40	48	48	48	44	39	41	48	48	56	62	64	51	45	40	28	30	41	39	42	35	29	36	38	51	40		43.1
Conway	Maximum	58	58	46	59	65	67	64	64	61	60	70	71	70	67	73	73	72	48	52	59	65	59	46	43	51	67	63	61	8			61.8
	Minimum	50	41	39	40	31	39	53	48	35	34	33	37	33	48	60	65	53	45	41	29	25	45	26	37	33	20	37	38	50	42		40.5
Corning	Maximum	56	62	58	61	63	64	67	67	59	67	69	70	56	62	73	71	67	59	64	49	57	61	61	64	51	44	47	58	62	64		61.0
	Minimum	44	41	39	35	31	43	50	46	34	31	30	33	28	39	59	60	47	42	32	28	27	39	22	40	27	16	29	36	39	44		37.0
Dardanelle	Maximum	57	56	46	58	66	63	68	62	58	54	70	69	69	63	68	71	69	51	50	52	65	62	60	67	57	47	44	47	62	61		59 7
	Minimum	50	42	37	39	38	41	51	52	38	37	35	38	38	54	63	64	53	43	40	31	27	42	28	41	34	25	40	38	47	42		41.6
Dumas	Maximum	69	66	51	58	61	61	64	67	65	60	68	70	74	71	82	78	74	60	53	53	65	60	60	70	56	50	45	69	70	68		63.9
	Minimum	49	47	38	38	32	41	52	41	33	36	31	36	33	41	60	60	49	38	42	28	25	38	24	38	33	18	36	41	56	40		39 1
Dutton	Maximum	55	55	37	58	59	60	68	63	53	57	64	71	68	61	63	65	64	43	40	45	66	53	55	59	54	41	38	48	58	56		55.8
	Minimum	45	33	28	24	29	32	36	43	30	29	29	27	30	50	58	59	41	35	30	17	19	35	18	34	24	13	32	34	45	31		33 0
El Dorado	Maximum	67	58	55	61	69	65	69	62	65	63	70	72	75	72	80	79	75	68	55	54	67	65	62	71	65	50	47	68	70	64		65.4
	Minimum	54	40	36	35	40	49	55	51	42	38	50	38	49	52	63	61	42	41	32	32	41	40	26	37	44	26	37	44	59	49		44.2
Eureka Springs	Maximum	58	56	35	61	64	70	72	64	55	62	68	71	69	69	68	68	68	41	40	48	65	55	62	61	47	45	41	50	58	55		58.1
	Minimum	47	34	30	30	39	48	52	44	39	35	43	40	40	52	59	59	40	37	32	27	33	35	28	44	24	20	34	40	45	35		38 8
Fort Smith	Maximum	58	43	45	57	66	62	71	63	55	50	69	68	73	73	69	73	60	46	44	49	64	58	62	63	51	44	45	49	60	44		57.8
	Minimum	43	37	35	33	40	42	54	47	44	38	37	43	43	58	61	60	45	41	36	32	30	41	32	40	33	29	40	40	44	37		41.2
Grannis	Maximum	61	60	55	63	64	61	65	68	57	66	70	73	70	62	73	69	68	50	52	55	67	74	57	69	56	45	48	55	68	63		61 3
	Minimum	50	38	34	29	32	39	52	39	31	35	31	36	37	47	61	62	47	43	37	24	23	38	25	32	32	21	34	36	50	38		37.8
Gravette	Maximum	58	58	42	58	64	67	67	61	58	61	67	69	76	73	70	69	67	42	41	49	62	68	60	56	51	42	42	50	58	55		58.4
	Minimum	47	33	27	25	34	42	51	43	39	30	34	35	36	54	58	49	41	37	31	25	28	37	24	36	24	29	35	40	47	32		36 3
Helena	Maximum	71	63	52	57	62	65	59	62	63	58	65	70	72	67	79	77	74	64	54	51	65	59	57	69	55	48	45	68	58	64		62 5
	Minimum	51	47	36	46	35	42	53	43	38	33	38	38	39	50	60	61	52	42	42	27	27	38	25	40	31	20	36	42	55	48		41 1
Hope	Maximum	65	71	54	61	75	62	7	68	68	70	80	84	84	66	76	76	73	69	63	68	77	77	55	80	65	40	42	54	66	65		67.5
	Minimum	53	38	36	33	34	43	45	44	49	36	36	40	38	53	62	65	47	45	40	28	26	37	25	42	35	21	37	40	50	43		39.7
Hot Springs	Maximum	62	66	68	67	74	70	72	70	74	77	79	76	70	69	62	62	58	54	66	66	68	68	64	60	60	58	59	61	64	52		65 9
	Minimum	33	38	41	43	42	42	49	40	41	42	46	40	38	42	40	43	38	31	30	29	31	45	34	24	28	25	39	42	41	33		37.7
Jonesboro	Maximum	57	51	47	60	61	73	62	62	56	57	66	67	70	64	76	71	70	73	47	60	57	59	57	56	63	49	41	49	62	69		60.7
	Minimum	50	46	39	38	34	43	54	49	37	36	33	42	34	41	63	61	57	55	41	41	42	42	47	41	31	21	37	39	49	44		43.0
Lead Hill	Maximum	56	56	41	59	68	72	75	66	56	64	72	67	70	67	67	71	68	48	45	48	62	61	62	59	51	48	45	51	56	55		59.5
	Minimum	48	38	34	34	29	34	52	40	32	29	29	26	48	52	59	41	40	34	22	22	33	20	34	25	15	35	39	45	37			55.4
Little Rock	Maximum	62	56	45	57	63	66	60	61	58	59	66	68	68	67	71	74	70	51	46	49	67	58	56	66	47	46	42	55	67	59		59.4
	Minimum	50	40	38	40	40	46	53	49	42	40	39	46	41	50	64	65	99	45	36	34	31	45	35	42	35	30	37	40	55	42		43.3
Lurton	Maximum	..	..	38	54	59	63	67	56	54	58	61	67	62	58	68	62	62	43	38	41	59	50	52	44	40	40	35	49	58	51		53.0
	Minimum	..	..	30	33	38	44	48	41	37	34	39	42	41	47	56	58	42	35	29	27	29	36	31	28	24	23	32	34	46	34		37 1
Lutherville	Maximum	58	58	42	61	65	62	70	65	58	55	67	71	65	62	67	69	67	48	43	49	69	58	57	60	53	43	41	48	61	58		57.8
	Minimum	48	38	35	36	36	42	53	48	40	35	36	44	43	53	59	62	47	46	36	28	29	42	28	39	30	24	35	38	47	38		40.2
Magnolia	Maximum	68	64	53	62	69	67	72	68	..	65	71	..	76	71	79	79	75	69	57	75	65	65	62	71	65	50	..	65	68	64		67 1
	Minimum	43	42	36	31	35	45	54	48	..	40	38	..	38	53	63	65	41	40	30	28	27	36	29	43	39	22	..	37	6	34		41.4
Malvern	Maximum	63	63	48	58	60	60	69	68	56	56	64	64	65	65	70	72	70	57	50	47	59	59	56	61	61	45	43	53	64	64		59.5
	Minimum	52	43	39	33	32	40	53	46	35	36	31	36	35	47	62	66	53	45	40	25	24	36	25	37	36	21	36	40	52	45		40.0
Mammoth Spg	Maximum	62	60	60	61	61	69	72	64	67	69	70	53	58	67	64	66	54	72	58	61	63	71	53	59	61	48	47	46	61	61		61.2
	Minimum	32	30	30	31	35	41	48	30	33	31	33	27	30	34	35	41	39	40	26	25	24	31	20	21	20	16	31	33	31	21		30 5
Marianna	Maximum	68	65	48	59	60	68	58	60	59	55	64	65	69	66	76	76	76	76	77	56	61	58	55	68	61	61	42	65	68	68		63.5
	Minimum	52	47	39	35	34	43	55	52	38	38	37	36	36	47	63	68	58	55	43	31	29	46	27	39	23	23	33	42	50	56		42.2
Marshall	Maximum	55	55	41	58	61	61	72	66	56	61	68	71	69	67	65	68	67	62	54	47	67	57	58	61	55	48	42	49	61	60		59.6
	Minimum	48	40	34	30	33	38	56	47	33	30	34	32	52	47	57	62	52	40	34	22	25	35	21	42	26	17	37	37	46	38		38 4
Mena	Maximum	59	58	49	58	62	62	66	67	56	62	68	68	69	62	69	69	68	46	48	52	62	60	58	66	55	45	39	49	6	56		58.9
	Minimum	50	36	33	33	35	45	52	49	38	38	41	42	40	53	61	63	44	41	35	28	26	45	29	49	33	23	34	34	49	38		40.3
Mount Ida	Maximum	61	56	45	51	56	58	60	60	51	51	51	56	61	63	68	69	66	60	48	53	60	60	52	58	58	54	44	51	62	61		56.5
	Minimum	51	40	36	35	36	31	37	45	33	37	29	31	26	39	62	63	60	44	38	23	23	35	21	31	32	17	36	37	49	41		37.1
Newport	Maximum	58	56	47	60	66	75	72	66	65	62	67	68	72	65	77	72	71	65	48	53	65	61	58	68	56	49	42	51	65	64		62.1
	Minimum	49	47	39	39	35	40	53	52	35	36	36	42	32	48	63	63	57	43	40	31	27	42	25	42	31	20	37	38	48	44		41.1
Pine Bluff	Maximum	65	65	56	66	71	69	63	66	71	76	72	76	80	69	78	79	74	59	51	61	70	69	64	75	58	50	45	63	68	64		66.0
	Minimum	51	41	41	40	37	43	54	50	39	41	36	41	32	48	64	66	48	41	31	31	44	28	42	46	23	36	42	58	47			42.6
Portland	Maximum	74	70	54	57	63	66	62	62	63	66	67	69	71	69	80	81	76	64	60	55	67	62	62	71	63	51	47	72	74	69		65.4
	Minimum	50	48	37	34	34	44	54	49	45	39	31	36	36	42	61	61	57	42	42	30	34	38	26	34	35	19	36	43	59	49		41.8
Prescott	Maximum	60	58	61	62	67	64	63	62	62	57	59	59	67	76	77	75	69	67	58	54	67	62	65	70	64	44	45	58	66	58		62 6
	Minimum	50	44	37	38	38	51	49	50	42	39	37	38	35	49	63	67	53	52	42	30	28	35	30	25	32	38	40	40				46 9
Rison	Maximum	64	66	54	60	68	66	62	62	66	63	68	72	74	70	79	78	76	61	54	55	69	66	59	79	68	49	47	66	67	66		65.2
	Minimum	51	45	39	36	32	46	53	50	38	39	37	42	40	48	62	65	54	42	42	30	29	43	29	41	32	26	36	42	58	42		42 3
Searcy	Maximum	59	60	45	59	63	70	63	65	60	61	65	71	68	62	73	73	73	59	48	52	64	59	57	65	59	47	43	50	65	64		60.7
	Minimum	50	44	40	39	32	34	52	48	35	25	31	34	38	43	61	60	54	42	40	27	24	41	25	36	33	20	36	38	48	44		39.2
Stuttgart	Maximum	63	61	55	59	64	66	60	62	61	59	68	70	71	65	78	74	70	60	53	52	66	60	59	69	61	48	45	65	67	65		62.5
	Minimum	50	41	39	39	36	42	49	38	36	36	38	36	46	60	62	57	40	43	28	30	40	27	41	34	21	37	41	42	48	39		40.6
Texarkana	Maximum	65	60	57	67	70	69	64	70	63	70	69	79	78	65	78	75	69	56	53	58	70	70	67	75	60	51	44	6	67	63		65.4
	Minimum	42	40	37	33	37	47	54	50	43	39	40	40	45	53	60	65	50	46	39	28	28	38	31	43	38	24	38	40	50	41		42 0
Thornburg	Maximum	59	57	46	58	65	64	66	61	58	60	68	69	68	63	67	70	69	48	44	48	68	58	59	64	49	48	46	50	64	60		58.9
	Minimum	48	38	35	35	30	35	51	37	29	30	33	30	28	54	61	62	41	42	36	22	20	32	20	35	27	16	34	36	48	38		36.1
Warren	Maximum	68	66	51	55	61	64	63	62	64	60	61	69	70	68	77	78	76	75	58	52	64	60	58	66	62	49	47	67	68	66		63.6
	Minimum	50	46	34	38	38	46	54	52	40	40	36	41	39	47	47	50	54	42	43	34	32	45	32	42	38	32	32	42	58	55		42 6
Wilson	Maximum	53	63	52	55	62	66	65	63	55	55	55	57	70	72	78	76	68	52	56	60	62	58	54	54	65	57	46	50	65	62		60.4
	Minimum	39	40	40	35	31	40	50	50	36	35	36	34	34	40	60	60	52	40	40	26	27	37	25	24	40	17	35	40	49	46		38.6
Wynne	Maximum	61	63	52	58	63	72	60	63	60	58	65	67	70	64	77	76	69	75	51	52	65	61	57	56	66	45	48	57	65	55		61 7
	Minimum	51	50	39	33	33	40	53	50	35	34	34	35	32	45	6	61	56	40	30	26	25	37	23	28	30	19	36	40	50	46		39.3

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., DECEMBER, 1928 No. 12

GENERAL SUMMARY

The weather in Arkansas during December, 1928, averaged slightly warmer and wetter than normal, but there were no marked extremes of temperature or excessively heavy rainfall. Near normal temperatures prevailed the opening days of the month. A moderately cool wave about the 8th or 9th brought the lowest temperatures of the month in most sections, though the lowest for all stations did not occur until the 20th. From the 12th to the 15th positive departures of 10° to 15° occurred and again on the 28th positive departures were about 14°. During other periods daily means were near normal.

Although the precipitation for the month as a whole was above normal, the number of rainy days was below, practically all rain occurring on the 4th, 11th to 17th, and at a few scattered stations the closing days of the month. Three northwestern stations, Bentonville, Eureka Springs, and Rogers reported 1.0 inch, 0.5 inch, and 0.1 inch of snowfall. A few other northern stations reported a trace, all other precipitation falling as rain.

The mean temperature for 57 stations was 43.4° which is 0.9° above normal. Negative departures occurred at about a dozen stations, positive at all other for which normals have been computed. Monthly means ranged from 50.2° at Hope to 37.8° at Dutton, a difference of 10.2° between the southern and northwestern sections of the State. Extremes ranged from 10° at Dutton on the 20th to 87° at Calico Rock on the 28th. The highest occurred in practically all sections on the 28th.

The average precipitation for 87 stations was 4.41 inches which is 0.36 inch above normal. Monthly totals ranged from 1.67 inches at Fort Smith to 8.34 inches at Grannis. The greatest amount measured in any 24-hour period was 4.80 inches at Texarkana on the 17th. The average number of rainy days was 6.

The month as a whole was as favorable for outdoor work as the average winter month. Cotton picking and rice threshing were nearly completed at the close of the month. Except for the unfavorable effect of frequent periods of freezing and thawing weather, wheat, oats, meadows, pastures, and winter truck made satisfactory progress during the month. There were no sleet or wind storms of consequence and dirt roads were passable most of the month. All streams remained at moderately low stages.

W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 1; 4th, 9; 11th, 1; 12th, 11; 13th, 9; 15th, 3; 16th, 8; 17th, 1; 26th, 2.

SOLAR HALOS:---6th, 2; 23d, 1; 30th, 1.

LUNAR HALOS:---1st, 1; 6th, 1; 31st, 1.

DENSE FOG:------1st, 2; 4th, 1; 9th, 1; 11th, 4; 12th, 6; 13th, 2; 14th, 1; 15th, 3; 16th, 2; 17th, 1; 23d, 1; 24th, 1; 25th, 1; 31st, 3.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.14	30.53	5	29.59	28	4,507	23	s.	27	.....	.....	64
Fort Smith	30.16	30.52	8	29.70	28	5,766	34	w.	26	82	62	69
Little Rock	30.16	30.57	8	29.66	17	6,004	31	nw.	26	76	58	63
Memphis	30.16	30.53	8	29.68	17	5,116	25	nw.	17	72	62	61

COMPARATIVE DATA FOR DECEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	42.5		88		-21		4.05		12	6	13	7
1891	46.9	+4.4	72	5	13	26	4.69	+0.64	14	7	10	7
1892	40.9	-1.6	83	3	-10	26	8.79	+4.74	7	6	18	10
1893	45.4	+2.9	79	25	9	4	1.83	-2.22	14	8	9	5
1894	44.6	+2.1	82	8	-11	27	3.48	-0.57	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	-0.09	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	-3.21	8	7	16	8
1897	40.3	-2.2	81	9	10	4	6.00	+1.95	10	5	16	8
1898	39.5	-3.0	76	29	- 4	14	1.87	-2.18	16	6	9	5
1899	41.0	-1.5	74	1	8	15	4.08	+0.03	15	7	9	7
1900	44.9	+2.4	82	17	16	31	2.76	-1.29	16	6	9	5
1901	38.5	-4.0	87	24	- 6	15	4.42	+0.37	12	6	13	6
1902	40.8	-1.7	75	8	5	26	5.71	+1.66	10	6	15	8
1903	39.7	-2.8	74	22	6	26	3.44	-0.61	18	5	8	6
1904	42.9	+0.4	80	2	3	29	5.10	+1.05	12	7	12	7
1905	38.5	-4.0	69	8	7	4	4.96	+0.91	14	5	12	9
1906	46.5	+4.0	83	3	16	23	5.64	+1.59	8	7	16	8
1907	44.4	+1.9	85	28	11	11	2.70	-1.35	12	6	13	7
1908	46.0	+3.5	82	15	11	2	1.50	-2.55	13	7	11	5
1909	35.3	-7.2	82	4	1	9	5.26	+1.21	14	6	11	9
1910	40.8	-1.7	75	28	9	7	3.57	-0.48	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.95	10	7	14	12
1912	41.7	-0.8	76	19	8	9	2.63	-1.42	14	7	10	7
1913	43.6	+1.1	77	1	14	26	3.26	-0.79	7	7	17	9
1914	36.1	-6.4	70	2	-11	15	6.26	+2.21	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.68	12	4	15	7
1916	42.1	- 0.4	82	4	-16	15	3.35	-0.70	14	6	11	6
1917	34.8	-7.7	81	3	-21	9	1.29	-2.76	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.57	14	5	12	7
1919	40.4	-2.1	78	31	1	10	1.94	-2.11	13	4	14	5
1920	43.2	+0.7	74	31	6	28	5.95	+1.90	13	5	13	8
1921	47.1	+4.6	82	13	11	25	2.78	-1.27	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.54	12	5	14	9
1923	49.1	+6.6	80	8	9	31	6.24	+2.19	9	5	17	13
1924	41.4	-1.1	86	14	- 8	25	3.65	-0.40	14	5	12	6
1925	40.2	-2.3	81	8	- 6	28	1.71	-2.34	15	5	11	3
1926	43.3	-0.8	79	4	- 3	26	7.15	+3.10	11	4	16	10
1927	40.9	-1.6	84	13	- 2	31	4.18	+0.13	14	5	12	6
1928	43.4	+0.9	87	28	10	20	4.41	+0.36	18	5	8	6

Corrections: November, 1928

Bee Branch, highest temperature on 6th.
Hope, highest temperature should be 81° on the 12th.
Hot Springs, lowest temperature should be 24° on the 24.
Marianna, lowest temperature on 25th.
Marked Tree, lowest temperature on 25.

Climatological Data for December, 1928

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	33	45.9	+3.1	73	28	19	9	40	2.77	−1.64	1.25	0.0	4	17	7	7	n.	G. C. Thrash.
Arkadelphia	Clark	250	32	.....	.....	.....	.....	.....	.....	.....	7.81	+2.97	3.36	0.0	6	10	4	17	n	W. K. Brown
Arkansas City	Desha	145	44	.....	.....	.....	.....	.....	.....	.....	5.27	+0.38	3.00	0.0	6	14	8	9	.....	Grady F. Jones
Arlberg	Stone	700	6	.....	.....	.....	.....	.....	.....	.....	4.27	.....	2.00	0.0	7	16	8	7	ne.	J. D. Reeves
Batesville	Independence	277	29	40.0	−0.6	73	28	12	6†	44	3.95	+0.04	1.38	0.0	8	16	2	13	n.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	36	41.8	−0.4	74	28	17	9	41	4.67	+0.72	1.69	0.0	6	16	6	9	w.	J. E. Scanlan
Bentonville	Benton	1303	23	39.8	+2.3	72	28	16	8	28	2.96	+0.20	1.45	1.0	8	15	10	6	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	26	.....	.....	.....	.....	.....	.....	.....	4.03	+0.28	1.68	0.0	3	21	0	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	3	43.3[d]	.....	73[d]	28	20[d]	9	38[d]	2.00	.....	1.04	0.0	5	16[d]	3[d]	8[d]	n.	W. Ebner
Booneville	Logan	465	14	43.7	+0.2	79	28	19	20	50	3.59	+0.74	1.92	0.0	2	17	6	8	w.	F. H. Randolph
Brinkley	Monroe	205	41	43.6	+0.2	72	28	17	9	37	4.87	−0.07	2.50	0.0	4	17	4	10	se.	R. J. Torry
Calico Rock	Izard	361	24	40.0	+0.5	87	28	17	9	62	3.41	+0.42	1.30	0.0	6	12	10	9	nw.	W. J. Copp
Camden	Ouachita	158	43	44.2	−0.9	76	28	17	9†	40	5.37	+0.70	2.22	0.0	8	17	5	9	nw.	A. B. Quarterman
Center Point	Howard	470	29	46.1	+1.5	74	2	22	18†	34	6.53	+2.28	2.91	0.0	6	20	4	7	e.	John C. Floyd
Clarendon	Monroe	200	24	.....	.....	.....	.....	.....	.....	.....	4.70	−0.31	2.25	0.0	6	17	2	12	s.	J. W. Bishop
Clinton	Van Buren	516	7	.....	.....	.....	.....	.....	.....	.....	4.23	.....	1.98	0.0	6	15	6	10	sw	A. L. Stephens
Conway	Faulkner	309	45	43.0	+0.8	75	28	19	9	45	4.62	+0.48	1.34	0.0	5	20	4	7	s.	E. E. Cordrey
Corning	Clay	293	35	41.8	+2.4	74	28†	15	8	33	3.70	−0.25	2.48	0.0	4	19	3	9	w.	Winfred D. Polk
Corning (river)	Clay	280	4	.....	.....	.....	.....	.....	.....	.....	3.14	.....	1.73	0.0	4	20	2	9	.....	Henry Stafford
Cotter	Marion	408	1	.....	.....	.....	.....	.....	.....	.....	3.48	.....	1.17	0.0	6	20	0	11	s.	J. O. Linck
Crossett	Ashley	175	14	47.4°	+0.7	75°	28	20°	9	40°	4.25	+0.20	1.71	0.0	7	16°	7°	5°	nw.	A. E. Wackerman
Danville	Yell	327	12	.....	.....	.....	.....	.....	.....	.....	3.52	+0.56	2.01	0.0	2	16	5	10	w	C. G. Hudson
Dardanelle	Yell	330	42	44.8	+2.6	76	28	23	8	44	2.91	−0.29	1.18	0.0	5	14	11	6	nw.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	1	.....	.....	.....	.....	.....	.....	.....	5.22	.....	2.92	0.0	5	25	0	6	.....	H. G. Pate
Dumas	Desha	162	22	44.4	−3.0	75	28	17	9	40	5.00	−0.36	1.10	0.0	8	16	9	6	s.	Ben Johnson
Dutton	Madison	1590	25	37.8	+0.4	69	28	10	20	40	3.29	−0.14	1.71	T.	7	14	8	9	n.	J. M. Ricketts
El Dorado	Union	270	27	48.0	+2.0	70	2†	23	9	34	4.96	+0.30	1.45	0.0	9	18	4	9	sw.	J. J. Babb
England	Lonoke	229	21	44.4	+1.2	68	2	20	9	33	5.02	+0.44	1.88	0.0	6	15	7	9	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	28	41.8	+2.6	75	28	15	8	36	3.30	+0.88	1.03	0.5	6	14	11	6	n.	Geo. W. Nichoalds
Evening Shade	Sharp	600	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	..	.....	.....
Fayetteville	Washington	1451	41	.....	.....	..	..	..	..	..	.....	.....	.....	.....	..	..	..	..	...	University of Arkansas
Fort Smith	Sebastian	457	47	43.0	+0.9	74	28	23	20	38	1.67	−1.09	0.87	T.	6	17	4	10	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	4	.....	.....	.....	.....	.....	.....	.....	3.07	.....	1.80	0.0	6	20	1	10	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	42	.....	.....	.....	.....	.....	.....	.....	7.94	+3.63	3.84	0.0	4	19	3	9	.....	T. J. Logan
Georgetown	White	200	16	.....	.....	.....	.....	.....	.....	.....	5.45	+1.18	3.91	0.0	5	20	2	9	s.	W. R. Owens
Gilbert	Searcy	675	5	.....	.....	.....	.....	.....	.....	.....	2.42	.....	1.45	T.	5	17	5	9	.....	Ben F. Battenfield
Grannis	Polk	900	9	42.6	.....	70	2†	17	9	39	8.34	.....	3.62	0.0	6	19	6	6	nw	W. E. McVay
Gravette	Benton	1250	31	40.7	+3.1	72	28	14	22	36	2.82	+0.63	1.77	T.	6	15	11	5	sw.	A. F. Stevens
Harrison	Boone	1052	27	40.5	+3.2	82	28	16	8	44	2.69	+0.19	1.31	T.	4	16	6	9	.....	G. L Wright
Helena	Phillips	250	56	45.0	+0.2	74	24	19	9	34	3.54	−1.40	2.32	0.0	5	20	0	11	nw.	James A. Burnett
Higden	Cleburne	445	10	.....	.....	.....	.....	.....	.....	.....	4.26	.....	1.94	0.0	5	13	9	9	n.	Geo. W. Baker
Hope	Hempstead	377	57	50.2	+3.5	81	2	19	9	53	5.62	+1.28	2.10	0.0	6	21	4	6	w.	N. P. O'Neal
Hot Springs	Garland	600	37	43.2	−3.0	64	13†	22	7	35	7.50	+3.32	2.55	0.0	4	15	5	11	.....	G. C. Bolton
Index ‡‡	Little River	275	3	.....	.....	.....	.....	.....	.....	.....	5.22	.....	2.30	0.0	5	18	3	10	.....	H. G. Sanderson
Jessieville	Garland	750	2	.....	.....	.....	.....	.....	.....	.....	2.71	.....	2.67	0.0	2	23	4	4	.....	U. S. Forest Service
Jonesboro	Craighead	345	33	42.8	+1.8	71	28	19	9	45	4.20	−0.42	2.04	0.0	8	20	1	10	sw.	Benedictine Sisters
Junction ‡‡	Union	182	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	.	..	..	...	J. A. Lowderback
Lambrook	Phillips	155	5	43.4[b]	.....	71[b]	31	16[b]	9	36[b]	3.25	.....	1.65	0.0	4	17[g]	0[g]	7[g]	n.	Mrs. D. C. White
Lead Hill	Boone	650	1	39.6	....	81	28	11	20	57	2.66	.....	0.94	0.0	6	18	3	10	se.	J. H. Crosswhite
Little Rock	Pulaski	357	49	44.2	0.0	70	28	25	9	39	5.68	+1.43	3.13	0.0	8	19	5	7	sw.	U. S. Weather Bureau
Lurton ‡‡	Newton	2100	3	39.0	.....	69	28	17	8†	29	4.39	.....	1.99	0.0	8	19	4	8	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	30	42.4	+1.2	71	28	20	20	36	4.20	+0.66	2.18	0.0	5	17	5	9	w.	H. G. Lenhardt
Magnolia	Columbus	315	9	48.2[b]	.....	74[a]	4†	24[a]	9	34[a]	4.86	.....	1.75	0.0	5	14[a]	10[a]	6[a]	s.	State Agri. School
Malvern	Hot Springs	277	41	43.0	0.0	67	28	17	9	32	7.10	+2.40	3.46	0.0	5	21	4	6	n.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	23	42.4	+3.7	79	27	15	9	41	2.79	−0.29	1.23	0.0	4	23	4	4	w.	W. C Gregg
Marianna	Lee	235	16	44.4	+2.4	73	28	20	9†	38	3.04	−0.95	1.50	0.0	6	19	6	6	n.	C. N. Houck
Marked Tree	Poinsett	229	23	40.7	−0.8	70	27	16	8	38	4.17	−0.31	2.03	0.0	5	17	7	7	n.	Charles Walton
Marshall	Searcy	1070	14	41.8	−1.0	78	28	16	8†	41	3.09	−0.54	1.48	0.0	6	17	0	14	sw	A. J. Parks
Mena	Polk	1185	40	42.4	−0.2	66	2	20	18	29	5.08	+1.21	1.99	0.0	8	16	5	10	.....	E. W. St. John
Morrilton	Conway	347	7	42.5	.....	75	28	22	9	42	3.95	.....	2.10	0.0	3	19	4	8	nw.	John Cook
Mountain Home	Baxter	800	14	41.6	+1.9	82	28	16	8†	53	4.34	+0.77	1.14	0.0	5	18	2	11	nw.	B. S. Halbert
Mount Ida	Montgomery	650	29	.....	.....	..	..	15	9	..	5.23	+1.76	2.00	0.0	4	19	3	9	w.	G. A. Whittington
Nashville	Howard	350	1	.....	.....	..	..	..	..	..	.....	.....	.....	.....	..	..	..	..	.....	J. H. Skillern
Newport	Jackson	231	44	43.3	+1.4	71	28	19	9	35	3.65	−0.21	1.57	0.0	8	17	5	9	s.	A. C. Wilkerson
Norman	Montgomery	750	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.0	..	..	..	..	.....	U. S. Forest Service
Olen	Montgomery	800	2	.....	.....	.....	.....	.....	.....	.....	4.10	.....	2.10	0.0	2	14	8	9	sw.	U. S. Forest Service
Osceola	Mississippi	240	30	43.0	+1.2	83	2	20	7	42	4.39	+0.24	2.00	0.0	5	19	4	8	s.	June Thomason
Ozark	Franklin	396	32	41.0[a]	−0.2	72[a]	28	21[a]	8†	43[a]	2.94	−0.30	1.60	0.0	4	20	5	6	nw.	Isham Burrow
Paragould	Greene	301	2	...	...	.....	.....	.....	.....	...	4.68	.....	2.10	0.0	8	19	4	8	s.	W. R. Heagler
Patterson	Woodruff	196	12	.....	.....	.....	.....	.....	.....	.....	3.91	−0.09	2.00	0.0	5	21	0	10	n.	W. E. Baker
Pergott	Clay	307	4	.....	.....	.....	.....	.....	.....	.....	3.83	.....	1.66	0.0	8	16	6	9	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	47.1	+2.7	78	28	20	9	38	4.06	−0.91	2.10	0.0	7	15	4	12	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	35	41.2	+0.4	71	28	17	9	39	4.51	+0.87	2.28	0.0	6	15	6	10	n.	Benedictine Sisters
Portland	Ashley	122	22	47.0	−0.4	76	28	18	9	42	5.43	−0.07	3.27	0.0	5	18	7	6	n.	W. E. Edmiston
Prescott	Nevada	329	40	45.2	−0.5	76	29	20	9	40	5.96	+1.85	2.13	0.0	5	19	4	8	n.	C. D. Calhoun
Princeton	Dallas	287	22	.....	.....	.....	.....	.....	.....	.....	5.57	+0.23	2.20	0.0	7	14	3	14	.....	Mrs. F. P. Coleman
Rison	Cleveland	243	27	47.0	+1.5	75	28	21	18	36	4.71	+1.09	1.78	0.0	6	14	7	10	nw	Mrs. M. V. Tisdale
Rogers	Benton	1385	37	40.2	+1.6	73	28	14	8	35	2.85	+0.55	1.39	0.1	6	12	8	11	nw	Carl A. Starck
St. Francis	Clay	290	1	.....	.....	.....	.....	.....	.....	.....	4.48	....	2.14	0.0	4	23	0	8	.....	S. T. Rooney
Searcy	White	236	19	42.8	+0.3	72	28	17	9	42	5.22	+0.50	2.00	0.0	6	21	0	10	n.	J. T. Bell
Springbank ‡‡	Miller	240	21	.....	.....	.....	.....	.....	.....	.....	6.77	+1.92	2.60	0.0	4	20	0	11	.....	Miss Grace Field
Story	Montgomery	700	4	.....	.....	.....	.....	.....	.....	.....	5.16	.....	2.09	0.0	5	20	3	8	n.	S. C. Story
Stuttgart	Arkansas	228	41	45.0	+1.4	74	28	21	8	40	5.01	+0.30	1.99	0.0	7	18	7	6	n.	Adam F. Buerkle
Subiaco	Logan	1050	31	42.8	+0.6	73	28	20	9	42	2.52	−0.46	1.25	0.0	5	15	6	10	n.	New Subiaco Abbey
Texarkana	Miller	332	42	48.1	+1.3	78	4	22	8	41	7.27	+3.74	4.80	0.0	3	22	5	4	n.	H. S. Brashear
Thornburg	Perry	650	4	40.8	.....	73	28	11	23	44	4.88	.....	1.58	0.0	7	20	3	8	n.	Edward E. Holmes
Waldron	Scott	675	9	.....	.....	.....	.....	.....	.....	.....	2.74	.....	1.57	0.0	4	15	4	12	nw.	Dr. Cheves Bevill
Warren	Bradley	206	34	46.4	+1.7	73	28	26	8†	37	4.58	−0.85	2.06	0.0	7	27	0	4	n.	Miss Evelyn Hoyle
Waters	Montgomery	800	4	.....	.....	.....	.....	.....	.....	.....	5.09	.....	2.10	0.0	4	17	8	6	w.	J. R. Huddleston
Whitecliffs	Little River	290	24	.....	.....	.....	.....	.....	.....	.....	5.45	+0.56	2.55	0.0	3	17	5	8	w	Nannie O. Schirmer
Wilson	Mississippi	237	3	41.6	.....	67	28	18	9	33	5.08	.....	2.40	0.0	6	22	5	4	e.	M. W. H. Collins
Wynne	Cross	250	20	42.9	+1.1	70	28	18	9	34	4.42	−0.34	1.90	0.0	6	19	2	10	s.	E. O. Allen
Yancopin	Desha	167		.....	.....	.....	.....	.....	.....	.....	4.30	.....	1.94	0.0	8	17	4	10	.....	W. E. Barton
State Means and Extremes				43.4	+0.9	87	28	10	20	62	4.41	+0.36	4.80	0.5	6	18	5	8	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for December, 1928

Stations	Drainage-basin	Day of Month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita												.62	.15			.75	1.25														2.77
Arkadelphia	Ouachita					.06						.02	.27	2.86			1.24	3.36														7.81
Arkansas City	Mississippi	.20	T.										.30	3.00			T.	1.40	.20												.17	5.27
Arlberg	White				.19							.18	.12	2.00	.10		.53	1.15														4.27
Batesville	White				.68	.12							.50	1.26	.04		.55	1.38	.02									T.				3.95
Bee Branch	Arkansas				.31							.12	.77	1.69			.68	1.10														4.67
Bentonville	Arkansas				.73							.02	.43	.14			1.20	.25									06				.13	2.96
Black Rock	White				.18	.20							.31	.92	.04		.65	1.68	.05									T				4.03
Blytheville	Mississippi				.14							.56	1.04	.01																	.25	2.00
Booneville	Arkansas				T.							T.	1.67				1.92															3.59
Brinkley	White												.62	1.60	T.		.15	2.50	T.													4.87
Calico Rock	White					.05							.09	1.30	.22		.49	1.26	T.						T.							3.41
Camden	Ouachita	.02				.03						.05	.70	1.00			1.32	2.22	.03													5.37
Center Point	Red				.03							.04	.69	1.52			2.91	1.84														6.53
Charleston	White					.09							.58	1.62			10	2.25	.06													4.70
Clinton	White				.42							.29	1.98	.02		.40	1.19															4.23
Conway	Arkansas											.16	1.03	1.34			.82	1.27														4.62
Corning	White				T.	.42							.44	.36				2.48										T				3.70
Corning (river)	White					.38							.46	.63				1.73														3.14
Cotter	White				1.03								.13	1.17	.15	T.	.30	.70	T.									T.				3.48
Crossett	Ouachita		T.		.10								.70	1.71			.23	1.37	.08												.06	4.25
Dam No. 1	White																															
Danville	Arkansas				T.								2.01					1.51														3.52
Dardanelle	Arkansas				.32	T.							.11	1.18			.22	1.08														2.91
De Valls Bluff	White												.50	1.27			.40	2.92	.13													5.22
Dumas	Mississippi	.20				.10						.50	1.05	.90			.55	1.10													.60	5.00
Dutton	White				.48							.04	.02	1.71			.23	.79									.02	T.			T.	3.29
El Dorado	Ouachita	.08				.02						.25	.64	1.45			1.05	1.35	.05												.07	4.96
England	Arkansas				T.							.24	.38	1.32			1.05	1.88													.15	5.02
Eureka Springs	White				.77									.94			.43	1.03									.05				.08	3.30
Evening Shade	White																															
Fayetteville	White																															
Fort Smith	Arkansas				T.		T					.04	.63	.11		.02	.72	.15					T.				T.				T.	1.67
Freeman Sprgs.	Arkansas				T.	.03							.04	1.80	.09		.10	1.01										T.				3.07
Fulton	Red	T.											.20	2.50			1.40	3.84														7.94
Georgetown	White				.9								.40	1.00	.05			3.91														5.45
Gilbert	White				T.								.07	1.45			.25	.50	T.									.05				2.42
Grannis	Red				.10						T.	.02	.71	2.45	T.		3.62	1.44														8.34
Gravette	Arkansas				.41		T.					.06		.49	.06			1.77									.03				T.	2.82
Harrison	White				.35									1.31			.77	.26													T.	2.69
Helena	Mississippi					.02							.20	2.32				.86	.14														3.54
Higden	White				.36							T.	.17	1.94			.56	1.23														4.26
Hope	Red											.20	.88	.63			1.76	2.10													.05	5.62
Hot Springs	Onachita											1.30	1.60			2.05	2.55															7.50
Index	Red											.03	.03	1.28			1.08	2.80														5.22
Jessieville	Ouachita												.07	2.67																		2.74
Jonesboro	White				.39							.09	.34	.72			45	2.04	T.								.02				.15	4.20
Junction	Ouachita																															
Lambrook	White	.03											.55	1.65				1.02														3.25
Lead Hill	White				.27								.27	.94			.38	.78									.02				T.	2.66
Little Rock	Arkansas				.10							.41	1.09	.30		.07	2.96	.71													.04	5.68
Lurton	White				.15							.05	1.10	1.99	.01		.70	.36									.03					4.39
Lutherville	Arkansas				T.							.14	.53	2.18			.40	.95														4.20
Magnolia	Red											.76	.60	1.75			1.55														.20	4.86
Malvern	Ouachita					.10							.86	2.26			.90	3.46														7.10
Mammoth Spg.	White				.23								.96	.37				1.23														2.79
Marianna	Mississippi				.15							.60	.42	.56				1.50													.38	3.61
Marked Tree	Mississippi					.40							.82	.76				2.03	.16													4.17
Marshall	White				.08							T.	.26	1.48			.30	.92									.05					3.09
Mena	Ouachita				.17	.29							.05	1.99	.02	.07	.70	1.79														5.08
Morrillton	Arkansas													2.10			.45	1.40														3.95
Mountain Home	White				1.14								.90	1.05			.45	.80									T.					4.34
Mount Ida	Ouachita												1.15	1.12			2.00	1.06														5.33
Nashville	Red																															
Newport	White				.02	.08							.41	.82	.03		.61	1.57	.11													3.65
Norman	Ouachita																															
Oden	Ouachita													2.00			2.10															4.10
Osceola	Mississippi										.25	1.75				2.00	.09											T.			.30	4.39
Ozark	Arkansas				T.									1.60	.15		.32	.87														2.94
Paragould	Mississippi				.49								.52	.81	.02	.10	.40	2.10													.24	4.68
Patterson	White					.06								.78	.75		.32	2.00														3.91
Piggott	Mississippi				.59								.10	.28	.59		.50	1.66									.04				.07	3.83
Pine Bluff	Arkansas					.15							.05	.36	1.00	T	.20	2.10	.20													4.06
Pocahontas	White				.30								.38		.85		.60	2.28													.10	4.51
Portland	Ouachita	.18												.52	3.27			1.24	.22													5.43
Prescott	Ouachita											.11	.13	2.03		1.56	2.13															5.96
Princeton	Ouachita				.25							.37	.45	1.40			.80	2.20	.10													5.57
Rison	Ouachita				.08							.57		1.55			.48	1.78													.25	4.71
Rogers	White				.61							T.	.10	.73			.56	.83									.02				T.	2.85
St. Francis	Mississippi				T.								2.14	.71			.21	1.42														4.48
Searcy	White											.20	.60	1.30			.98	2.00													.14	5.22
Springbank	Red	T.				T.		T.				T.	.23	1.72			2.12	2.60													T.	6.77
Story	Ouachita				.90									.65	.82			2.09	.70													5.16
Stuttgart	Arkansas				.14							.48	1.64			.23	1.99	.08													.45	5.01
Subiaco	Arkansas				.01							T.	.11	1.10			1.25	.05														2.52
Texarkana	Red													1.82		.65	*	4.80														7.27
Thornburg	Arkansas				.12							.03	.87	1.58	.01	T.	1.20	1.07														4.88
Waldron	Arkansas	.06										T.		1.57		.07	1.04															2.74
Warren	Ouachita	.05			T.							.11	.45	2.06			.06	1.65													.20	4.58
Waters	Ouachita												.12	2.10			.89	1.98														5.09
Whitecliffs	Red													1.60			1.30	2.55														5.45
Wilson	Mississippi					.40							.50	1.30			.18	2.40													.30	5.08
Wynne	Mississippi					.25							.70	1.32			.10	1.90	.15													4.42
Yancopin	Arkansas	.11				.01							.59	1.94			.04	1.36	.10												.15	4.30

Daily River Stages for December, 1928

Stations	Rivers	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	12.9	11.8	9.0	7.8	7.2	6.8	6.6	6.4	6.2	5.8	5.8	5.6	5.8	5.8	5.8	6.8	9.7	12.8	15.8	16.4	16.5	14.8	13.9	12.0	10.2	9.2	8.5	8.1	7.8	7.7	7.3
Ozark	do	22	9.0	8.3	7.6	6.7	5.5	5.0	4.9	4.7	4.5	4.3	4.0	3.0	3.5	5.0	4.0	4.0	4.8	8.8	10.0	12.6	12.0	11.0	10.2	9.3	8.0	6.6	6.0	5.5	5.0	4.4	3.2
Dardanelle	do	20	11.4	10.8	9.8	9.2	6.5	5.8	5.6	5.5	5.1	4.9	4.8	4.8	5.3	6.5	6.5	6.0	6.7	9.6	12.2	14.5	14.8	13.7	12.9	12.0	10.4	8.6	7.2	6.6	6.2	6.0	5.9
Morrillton	do	20	10.0	9.8	9.2	7.4	5.5	4.5	4.0	3.5	3.1	3.0	2.8	2.5	3.0	5.0	5.4	4.9	5.0	7.4	9.9	12.8	13.7	12.9	12.0	11.4	9.8	7.9	6.3	5.5	4.8	4.5	4.0
Little Rock	do	23	10.9	10.8	10.4	9.5	7.6	6.0	5.0	4.1	3.7	3.2	3.0	2.9	3.0	4.5	7.0	6.9	7.0	7.8	10.5	12.8	14.4	14.1	13.2	12.5	11.4	9.9	8.4	6.9	5.9	5.1	4.8
Pine Bluff	do	25	14.7	14.7	15.0	14.4	13.4	11.6	10.3	9.6	8.8	8.4	7.1	6.8	6.8	7.3	8.2	9.8	11.8	12.3	13.3	15.7	17.4	17.8	17.2	16.6	15.9	15.0	13.6	12.3	11.2	10.6	9.8
Yancopin	do	29	26.5	26.9	27.2	27.0	26.4	25.2	23.7	22.2	21.0	20.0	19.3	18.9	18.8	18.6	19.1	19.4	19.7	19.8	19.9	21.2	22.8	24.8	25.1	25.1	25.3	25.4	25.2	24.7	24.1	23.5	22.8
Danville	Petit Jean	20	16.4	10.4	5.5	4.2	3.7	3.5	3.3	3.1	2.8	2.6	2.4	8.2	15.4	14.4	13.8	13.8	13.1	19.8	20.6	19.4	15.8	10.6	7.5	5.7	5.2	4.7	4.3	4.0	3.8	3.6	3.

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	4.0	4.3	3.8	2.7	4.1	4.9	4.1	3.9	3.7	3.9	3.5	3.3	3.2	4.6	5.9	5.4	5.6	8.6	9.3	9.4	8.5	7.1	6.0	5.5	5.0	4.6	4.3	4.7	4.1	3.5	2.8
Calico Rock	do	23	3.3	3.8	3.6	2.5	2.5	3.0	3.7	3.0	2.7	2.7	2.3	2.3	2.5	3.1	6.1	5.3	5.4	7.5	8.9	8.3	8.0	6.6	5.5	4.8	4.3	4.0	3.4	3.5	3.5	3.1	2.2
Batesville	do	26	7.7	9.1	9.3	8.7	7.6	7.9	8.8	8.8	8.2	8.0	7.9	7.4	9.0	9.6	10.4	12.0	13.2	13.9	15.6	15.5	15.0	13.9	12.2	11.1	10.4	9.8	9.2	9.2	9.0	8.7	8.3
Newport	do	20	8.4	9.2	9.9	9.9	9.3	8.4	8.2	8.4	8.2	7.7	7.4	7.1	7.0	9.7	10.5	12.5	13.5	15.9	17.4	18.8	19.2	19.2	18.6	17.5	16.0	15.0	13.9	12.8	11.8	11.0	10.1
Georgetown	do	21	7.5	12.8	13.3	13.6	13.6	13.2	12.8	12.4	11.7	11.3	9.8	9.4	9.2	10.9	14.7	15.7	15.8	18.7	20.0	20.3	20.4	20.5	20.5	20.5	20.6	20.5	20.2	19.8	19.3	18.8	18.2
De Valls Bluff	do	34	10.1	13.0	15.3	16.2	16.6	16.8	16.7	16.3	16.0	15.7	15.4	15.1	15.0	15.2	16.4	18.0	19.5	20.5	20.9	21.2	21.5	21.7	21.8	21.8	21.8	21.8	21.7	21.7	21.7	21.6	21.3
Clarendon	do	12	14.0	14.9	16.9	18.1	18.8	19.2	19.4	19.4	19.3	19.1	18.8	18.7	18.8	18.8	19.1	19.9	21.3	22.4	23.0	23.7	24.2	24.7	25.0	25.3	25.6	25.7	25.8	25.9	25.9	25.9	25.8
Gilbert	Buffalo	14	5.1	4.9	4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.7	3.7	3.7	4.0	6.8	6.6	6.2	6.0	6.5	6.3	6.0	5.7	5.4	5.0	4.7	4.5	4.3	4.2	4.1	4.0	3.9	3.8
Black Rock	Black	30	12.0	11.8	11.2	10.4	9.9	9.4	9.0	8.8	8.3	8.1	8.1	8.1	9.0	11.9	11.8	11.3	13.5	16.0	16.2	15.8	15.0	14.3	13.7	13.1	12.7	12.3	12.0	11.3	11.0	10.0	9.3
Camden	Ouachita	28	6.7	7.5	8.3	9.9	9.9	9.7	9.1	7.8	6.6	6.5	7.0	6.2	6.2	9.9	16.6	19.3	21.7	23.4	26.9	29.7	32.6	34.9	34.8	33.5	31.7	29.5	26.7	23.3	21.4	18.7	16.5
Fulton	Red	44	8.7	10.6	12.3	12.3	11.7	10.8	9.8	9.0	8.5	8.1	7.8	7.8	8.1	9.6	12.0	13.2	14.5	18.7	22.0	23.3	23.5	23.0	21.8	20.8	19.9	18.9	17.6	16.4	15.0	13.0	11.3
Helena	Mississippi	48	34.3	33.5	32.4	30.8	29.0	27.2	26.1	25.3	24.9	24.9	25.0	25.0	25.0	24.5	23.7	22.5	21.3	20.4	19.4	18.4	18.8	20.2	22.2	24.4	27.0	28.1	28.5	28.2	27.4	26.4	25.1
Arkansas City	do		36.4	36.7	36.6	36.3	35.7	34.8	33.7	32.4	31.4	30.5	30.0	29.6	29.6	29.3	28.9	28.3	28.0	27.1	26.4	25.7	25.7	26.3	27.3	28.2	30.4	32.1	33.0	33.4	33.3	32.9	32.2

Daily Temperatures for December, 1928

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	60	67	59	51	43	47	46	41	49	58	47	58	58	59	56	55	54	47	51	48	51	44	60	51	56	59	60	73	54	49	41	53.3
	Minimum	29	29	35	33	27	12	20	19	16	19	20	36	41	48	31	37	48	24	22	12	17	20	19	32	21	20	40	29	30	19	20	26.6
Bentonville	Maximum	54	61	54	47	44	46	35	40	53	55	54	52	52	54	57	54	46	48	36	45	49	36	48	40	49	52	59	72	54	48	43	49.6
	Minimum	29	36	28	28	20	24	23	16	28	28	41	41	44	43	40	46	25	23	22	19	30	25	28	28	24	36	34	44	29	26	23	30.0
Bee Branch	Maximum	57	65	63	56	49	46	46	43	49	57	47	49	57	61	58	52	52	57	53	45	52	50	51	52	53	58	60	74	70	51	46	54.2
	Minimum	29	30	35	37	27	21	26	19	17	21	32	37	46	45	34	45	36	24	23	18	22	27	19	30	25	31	30	33	39	21	27	29.3
Blytheville	Maximum	59	62	61	54	48	46	45	40	47	62	52	59	61	56	..	..	..	..	54	48	51	47	48	47	58	59	56	73	68	55	42	54.0
	Minimum	38	35	39	38	27	21	29	21	20	27	35	34	53	48	..	..	..	..	29	26	25	31	25	35	29	36	41	35	44	25	31	32.5
Booneville	Maximum	58	55	63	65	50	49	46	46	56	52	50	49	57	60	53	57	54	56	49	50	56	50	58	53	57	61	63	79	70	61	47	55.9
	Minimum	27	37	28	45	27	25	30	20	23	24	40	40	48	46	43	49	37	22	22	19	21	29	20	25	22	38	33	29	48	27	33	31.5
Brinkley	Maximum	58	68	62	66	52	48	50	41	48	58	45	55	62	60	59	53	56	46	54	45	54	47	52	50	57	62	60	72	67	52	44	54.9
	Minimum	38	33	40	39	33	20	27	22	17	21	32	40	54	50	38	49	41	25	23	24	23	28	22	30	23	34	38	36	46	25	32	32.4
Calico Rock§§	Maximum	60	65	58	48	59	52	43	42	55	62	49	60	60	58	51	53	43	53	49	51	53	41	54	52	58	62	62	87	52	50	40	53.6
	Minimum	30	28	29	32	29	20	22	20	17	19	20	38	42	46	33	39	42	22	21	18	18	20	19	21	21	23	39	25	25	19	20	26.4
Camden§§	Maximum	59	72	65	74	50	49	56	44	52	57	49	62	54	67	63	59	54	50	53	48	56	50	57	57	59	65	66	76	62	55	55	57.9
	Minimum	38	33	36	38	37	26	27	25	17	17	33	40	48	37	37	37	40	24	23	23	23	23	21	22	24	25	38	38	38	30	31	30.6
Center Point	Maximum	58	74	66	73	58	47	51	46	50	52	50	53	58	62	59	55	54	47	55	54	55	50	53	56	55	63	63	71	68	53	56	56.9
	Minimum	33	40	39	52	33	28	31	21	27	37	40	42	49	41	41	50	40	22	25	22	28	26	27	30	35	39	35	41	41	33	41	35.3
Conway	Maximum	56	67	64	65	50	46	49	47	50	58	46	51	59	57	58	52	54	48	52	45	56	44	52	51	54	61	60	75	65	49	45	54.4
	Minimum	33	33	33	43	30	21	32	21	19	21	36	40	51	49	37	48	40	25	23	22	22	21	21	27	25	33	38	30	44	25	32	31.5
Corning	Maximum	61	62	63	54	48	44	46	37	46	54	47	51	61	56	48	52	59	56	54	41	46	43	47	42	56	59	64	74	74	62	46	53.3
	Minimum	31	32	30	24	24	18	28	15	17	23	27	40	46	42	38	40	48	26	22	20	23	25	27	25	28	35	41	44	42	35	25	30.2
Dardanelle	Maximum	55	66	62	65	54	71	49	50	54	54	52	50	58	58	53	52	53	52	50	49	57	47	47	54	64	63	62	76	63	51	48	55.8
	Minimum	31	38	36	45	30	27	33	23	24	26	40	40	48	48	42	48	43	26	26	24	25	34	25	30	25	37	37	32	44	31	33	33.9
Dumas	Maximum	57	70	61	72	64	47	52	39	49	50	45	56	56	60	61	54	62	48	53	44	54	48	56	59	58	64	61	75	64	54	54	56.4
	Minimum	40	32	40	33	36	23	30	25	17	22	30	41	53	42	37	41	40	26	25	29	25	26	23	30	27	35	37	35	43	28	35	32.5
Dutton	Maximum	54	59	57	53	46	50	42	42	51	57	49	52	54	61	53	50	50	40	42	45	47	45	53	45	48	54	59	69	66	48	44	51.1
	Minimum	20	29	23	34	21	18	24	13	16	19	33	37	43	40	26	45	28	15	17	10	17	23	15	21	15	26	33	29	31	18	22	24.5
El Dorado	Maximum	60	70	70	70	68	48	55	45	53	58	52	60	64	68	62	58	63	52	52	49	54	51	56	60	61	65	66	69	62	55	58	59.2
	Minimum	40	39	46	53	38	29	35	27	23	36	39	46	51	41	40	48	44	28	28	32	27	29	27	31	31	31	41	40	44	32	44	36.8
Eureka Springs	Maximum	56	65	58	49	47	49	42	44	55	62	58	49	53	61	54	54	53	51	42	45	49	41	50	43	54	55	60	75	66	53	46	52.9
	Minimum	31	39	29	33	21	27	25	15	28	31	40	39	43	42	37	48	27	22	23	19	31	25	26	30	25	39	32	50	30	22	27	30.8
Fort Smith	Maximum	55	67	55	58	46	46	42	44	48	52	49	54	55	57	54	56	52	52	46	48	55	41	52	51	53	58	61	74	51	49	43	52.4
	Minimum	30	39	33	37	29	29	30	24	27	30	41	42	48	47	44	49	30	27	28	23	28	31	26	33	28	37	35	36	37	32	28	33.5
Grannis	Maximum	58	70	63	70	52	52	50	48	51	49	47	53	57	69	58	54	53	48	55	52	53	52	52	56	54	64	66	63	63	53	56	56.2
	Minimum	27	31	31	44	28	22	20	19	17	28	39	41	46	34	36	48	37	18	20	21	18	26	20	23	21	25	33	28	40	26	31	29.0
Gravette	Maximum	56	64	56	48	45	47	42	41	54	54	53	54	52	57	51	54	53	49	43	44	50	42	48	43	50	55	58	72	67	50	45	51.5
	Minimum	27	37	24	33	19	23	26	15	28	29	44	41	43	42	40	49	28	21	24	15	25	14	24	26	23	38	29	44	31	35	30	29.9
Helena	Maximum	55	66	62	68	53	49	50	41	48	57	47	62	67	65	60	54	58	49	53	51	55	49	52	51	57	63	59	74	61	55	52	56.2
	Minimum	40	38	43	45	30	23	27	20	19	27	37	41	54	48	39	42	41	24	29	24	26	29	23	37	26	38	33	40	40	25	36	33.7
Hope	Maximum	75	81	80	77	61	51	69	65	72	65	48	54	60	80	63	56	58	63	70	64	74	69	70	78	79	71	77	78	72	55	60	67.6
	Minimum	35	34	35	48	34	26	31	23	19	33	38	39	48	40	38	43	36	25	23	24	24	28	23	26	24	34	37	40	40	29	36	32.7
Hot Springs	Maximum	62	59	59	60	61	58	55	48	45	49	60	62	64	63	59	49	58	49	56	52	56	42	48	55	62	63	61	61	64	58	61	56.7
	Minimum	29	30	28	29	29	30	22	24	24	31	41	44	42	46	24	28	34	24	29	32	34	28	24	26	28	28	24	26	30	27	28	29.8
Jonesboro	Maximum	47	65	59	57	45	44	46	38	47	47	61	51	64	54	53	55	53	46	51	45	51	46	53	55	57	59	57	71	66	65	41	53.2
	Minimum	36	33	38	38	27	21	31	22	19	29	26	41	49	49	47	43	39	27	29	22	27	29	24	43	27	35	39	39	21	26	31	32.5
Lead Hill	Maximum	48	66	59	49	43	53	45	41	59	61	50	47	57	58	53	55	54	54	43	43	52	46	42	42	55	58	60	81	72	61	43	53.2
	Minimum	24	26	25	37	23	19	22	14	16	19	31	39	44	45	33	46	32	23	21	11	18	26	12	31	18	29	26	24	35	17	20	26.0
Little Rock	Maximum	57	68	58	64	44	46	47	40	50	52	43	57	59	60	56	53	55	46	50	47	53	39	50	50	54	61	61	70	61	49	41	53.0
	Minimum	37	39	41	40	32	27	32	26	25	32	38	41	50	47	40	48	32	27	31	28	30	33	27	34	33	39	40	40	40	32	39	35.5
Lurton	Maximum	53	57	54	50	40	45	36	39	49	56	45	47	53	58	50	48	49	43	40	40	46	34	50	43	48	52	55	69	60	46	42	48.3
	Minimum	31	35	30	27	21	24	22	17	23	33	36	36	42	41	41	41	23	17	23	24	29	24	24	19	30	35	35	44	31	26	32	29.6
Lutherville	Maximum	56	63	57	62	47	46	46	41	52	57	47	49	56	59	53	51	51	48	51	47	52	46	59	52	52	57	58	71	63	49	47	53.0
	Minimum	28	35	32	43	26	25	28	21	21	27	39	39	47	45	41	47	35	23	26	20	25	24	23	30	26	34	33	41	39	29	32	31.7
Magnolia	Maximum	55	71	69	74	70	44	.	55	54	57	50	60	60	68	65	57	63	50	54	46	53	54	56	56	60	63	70	74	68	59	58	59.8
	Minimum	38	44	41	54	37	29	..	26	24	35	40	44	37	44	40	43	43	26	38	25	25	29	25	29	26	39	36	48	50	38	42	36.5
Malvern	Maximum	53	64	64	60	61	47	47	45	43	47	48	52	52	61	61	55	53	50	49	50	50	50	46	49	51	61	58	67	66	54	48	53.6
	Minimum	33	32	33	46	38	24	28	25	17	24	39	41	51	48	40	49	40	23	25	25	23	26	22	25	25	31	31	37	46	30	34	32.5
Mammoth Spg	Maximum	64	62	72	70	58	58	50	41	39	42	58	60	62	56	61	49	42	51	58	59	53	61	57	62	54	71	79	56	52	51	51	56.7
	Minimum	27	29	49	36	24	17	20	17	15	31	27	33	31	27	30	26	21	26	24	31	32	31	29	36	32	38	39	25	27	21	19	28.1
Marianna	Maximum	57	64	65	64	51	46	47	42	56	58	45	60	66	58	60	57	57	46	54	45	54	40	52	52	63	63	59	73	65	50	50	55.6
	Minimum	40	36	35	42	35	24	30	24	20	20	35	42	54	42	38	42	42	28	27	27	28	30	28	25	28	27	40	39	48	28	28	33.3
Marshall	Maximum	56	62	61	56	48	47	44	48	55	61	52	49	57	57	56	52	52	50	45	46	52	48	49	51	54	57	57	78	68	48	48	53.7
	Minimum	26	38	27	42	25	20	24	16	26	22	36	38	45	45	43	47	34	20	22	16	22	28	19	31	21	28	37	37	35	21	26	29.9
Mena	Maximum	56	66	57	65	46	47	43	46	49	49	45	49	54	53	54	52	51	46	46	45	51	50	49	46	47	59	61	61	60	50	53	51.8
	Minimum	29	37	31	43	29	26	30	21	26	32	39	40	46	39	41	49	36	20	25	21	30	27	27	28	28	32	36	41	39	40	36	33.0
Mount Ida	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	28	28	28	41	28	20	25	27	15	22	36	41	49	37	34	48	39	19	18	19	16	25	16	19	18	27	29	25	42	21	27	28.0
Newport	Maximum	62	67	62	54	50	45	48	40	49	58	46	51	62	58	58	52	54	47	51	47	54	46	51	45	56	59	62	71	66	50	50	53.9
	Minimum	34	35	35	37	28	20	27	20	19	23	37	40	49	47	36	49	37	27	26	23	24	32	23	34	28	36	37	47	42	25	37	32.7
Pine Bluff	Maximum	66	74	63	67	56	54	56	48	57	52	44	55	61	69	69	55	57	43	60	53	57	54	58	56	63	65	68	78	65	59	49	59.1
	Minimum	39	36	43	45	36	28	31	26	20	25	35	42	52	51	32	48	40	25	25	27	28	28	22	34	27	36	39	40	47	31	39	35.1
Portland	Maximum	56	69	66	72	64	46	56	46	50	55	49	58	67	65	61	55	63	52	51	47	55	51	55	61	60	66	65	76	63	54	61	58.5
	Minimum	42	33	49	43	40	24	34	26	18	29	36	47	55	44	46	43	45	28	25	33	23	25	23	33	30	35	38	34	51	31	41	35.6
Prescott	Maximum	58	62	64	72	59	46	49	38	41	44	48	59	60	62	67	59	54	49	54	47	51	52	55	56	59	64	65	75	76	74	71	57.7
	Minimum	31	29	36	51	35	28	30	27	20	30	33	36	39	40	44	43	40	25	24	25	24	26	24	23	24	28	32	35	41	43	45	32.6
Rison	Maximum	59	69	67	67	67	49	54	49	52	54	52	58	61	61	64	59	58	50	54	52	56	54	55	59	61	64	65	75	72	58	52	58.9
	Minimum	38	38	42	46	31	27	33	26	22	29	37	42	51	48	41	48	43	21	26	27	27	23	26	29	31	38	38	40	49	30	39	35.0
Searcy	Maximum	57	68	62	64	52	51	47	41	48	58	57	52	59	61	58	54	54	41	53	48	55	49	50	49	56	58	59	72	64	50	45	54.6
	Minimum	33	31	35	39	28	37	30	21	17	20	30	40	50	48	34	44	39	24	22	22	20	26	20	27	27	29	35	30	42	27	32	30.9
Stuttgart	Maximum	58	69	62	60	60	46	50	44	50	54	47	55	61	58	58	54	50	47	52	46	54	47	53	52	57	62	61	74	67	56	64	55.7
	Minimum	37	39	45	36	23	31	23	21	25	35	40	43	51	39	43	50	27	27	25	30	31	24	34	27	37	37	40	51	27	35	32	34.4
Texarkana	Maximum	63	73	75	78	60	49	57	57	57	61	48	58	62	73	68	58	54	53	60	54	58	53	60	60	61	67	68	77	66	59	65	61.7
	Minimum	34	42	34	52	34	28	34	22	24	34	40	43	50	34	41	50	43	24	25	24	25	27	24	24	26	40	34	38	45	32	43	34.5
Thornburg	Maximum	58	65	63	67	51	45	47	42	54	55	44	47	58	59	53	53	53	48	49	47	53	47	53	50	55	72	60	73	68	52	44	54.4
	Minimum	27	30	35	35	25	17	31	15	18	18	32	34	47	45	35	47	36	18	19	21	17	28	11	22	18	28	35	32	30	16	23	27.3
Warren	Maximum	54	68	63	66	64	51	52	46	49	52	51	58	61	63	60	56	61	47	51	48	54	49	53	56	56	62	61	73	70	55	55	56.9
	Minimum	41	36	45	48	38	27	38	26	32	32	39	44	37	30	42	46	43	27	26	31	29	28	28	32	31	38	42	36	45	32	40	35.8
Wilson	Maximum	54	63	56	48	37	45	44	36	44	56	58	65	63	56	62	61	50	42	52	48	56	45	50	50	55	54	45	67	48	51	46	51.8
	Minimum	40	36	36	35	30	20	24	20	18	24	32	35	52	42	42	45	40	28	25	24	28	25	24	30	24	34	35	34	36	24	35	31.5
Wynne	Maximum	56	65	59	61	48	48	50	40	48	58	48	59	66	54	56	51	55	46	52	45	51	52	[illegible]	44	56	60	61	70	63	55	43	53.9
	Minimum	36	35	36	41	30	20	27	22	18	25	35	42	47	49	38	44	38	25	26	23	28	26	22	35	24	35	35	36	30	25	39	31.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
VAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

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ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIII LITTLE ROCK, ARK., YEAR, 1928 No. 13

GENERAL SUMMARY

Considering the year as a whole, there were no marked departures from normal weather, the annual temperature, 61.1°, being only 0.1° below normal and the annual precipitation, 50.50 inches, 2.78 inches above normal. The weather of the individual months showed a wide range, but the heavy rains of April and June were offset by unusually dry weather in January, March, and September and an abnormally cold April by a warm October. Extremes of temperature were within the limits established by previous records though unusually low minimum temperatures were recorded in June and high maximum temperatures in October. The highest temperature recorded during the year was 105° at Texarkana on August 28th, the lowest, 10° below zero at Lead Hill January 3d. Neither of these extremes is unusual in Arkansas. August, with a mean temperature of 81.3°, was the warmest month of the year, January, with a temperature of 42.7°, the coldest. Normally January is the coldest and July the warmest month of the year. Monthly means were normal or above in January, February, March, May, July, August, October, and December, below only four months of the year, however the deficience of the four slightly more than completely balanced the positive departures of the eight giving an annual mean 0.1° below normal. Annual means ranged from 55.1° at Dutton to 65.1° at Texarkana, a difference of 10.3° between the Ozarks in the northwest and the southern border of the State. This is about the normal geographical difference.

The average precipitation of 81 stations with an unbroken annual record was 50.50 inches which is 2.78 inches above normal. June with an average rainfall of 9.44 inches was the wettest month of the year, April with 8.52 inches next, and September with 0.45 inch, the driest. Annual amounts were above normal in northern and northwestern counties, along the Mississippi River from Mississippi County southward to the mouth of the Arkansas, and at several stations in the Southwest, below elsewhere. Practically all precipitation fell as rain. Of the stations reporting an appreciable amount of snow the average for the year was 6 inches. Precipitation was above normal during April, June, August, October, November, and December, below the other six months. The greatest monthly total was 17.16 inches at Pocahontas during June. A dozen stations reported no rain during September. The greatest 24 hour amount during the year was 6.70 inches at Huttig on April 6. The heavy rains of April and June brought flood stages on most streams of the state, but no such overflow as was experienced in 1927. The precipitation from April 1st to October 31st, which is approximately the growing season in Arkansas, was 35.03 inches which is 7.20 inches above normal.

The growing season was about 5 days shorter than the average. The last killing frost in spring occurred at most stations April 16th and the first in the fall on November 20th, though a number of northern stations reported killing frost October 31st. The length of the growing season, from the last killing frost in spring to the first in autumn at 85 stations, was 219 days and ranged from 269 days at Pocahontas to 178 at Mount Ida. There were 188 clear days during the year, 75 partly cloudy, and 102 cloudy. There were 86 days with 0.01 inch or more precipitation. The prevailing wind was from the south.

W.C.H.

WEATHER BY MONTHS

January:—A severe cold wave overspread the State the opening days of the month giving 10° below zero at Lead Hill, this being the lowest temperature in the State during the year. The weather moderated after the first week, the highest January temperature on record, 90°, being recorded at Dumas on the 14th. Precipitation averaged 50% of the normal. The weather during the middle and latter parts of the month was generally favorable for outdoor work, some plowing being done in central and southern sections of the State. Snowfall was light averaging only 0.6 inch at 26 stations.

February:—Temperatures were above normal the first half of the month and below the latter half, the monthly mean being 2.2° below normal. Precipitation was generally light, the average being 1.12 inches below normal with no heavy totals. The snowfall for 18 stations averaged 3.0 inches. The weather was generally favorable for the usual early spring farm activities.

March:—The temperature was normal and precipitation light, only about 50% of the normal rainfall occurring. Conditions were very favorable for farm work and preparation and planting were much further advanced than usual at the close of the month. Corn planting was in progress the extreme South State and a small amount of cotton was planted in southern counties.

April:—The outstanding characteristics were the positive precipitation and negative temperature departures. The opening days of the month were warm, but from the 16th to the 16th unseasonably low temperatures occurred killing frost or freezing temperatures being reported over practically the entire State. Truck, peaches, strawberries, corn, and cotton were damaged, considerable replanting being necessary. The monthly mean temperature was the lowest since April, 1907, and the third lowest on record. Precipitation averaged 8.52 inches, 3.64 inches above normal. Heavy to excessive rains from the 4th to the 6th and from the 20th to the 22d packed the soil and caused floods in most streams of the State. Flood loss on the White and Arkansas was estimated at $174,000.

May:—May was marked by rather uniform temperature and moderate rainfall, but conditions were mostly unfavorable for planting and cultivation of crops. During the first half of the month temperatures were too low for the growth of cotton and during the last half showers were too frequent for cultivation. Strawberries were late owing to the cool weather and were damaged by the showers. The overflow on the White the closing days of April extended into May in the lowlands of the eastern part of the State and interfered with planting.

June:- Positive precipitation and negative temperature departures characterized the weather of June, this being the wettest June on record in Arkansas and with but two exceptions the coldest. Rain fell in the State every day during the month, the average number of rainy days being 13. The weather was too cold and too wet for crops to make satisfactory progress. Many fields were soaked almost the entire month, cultivation being impossible. Floods occurred on the White, Black, Little Red, Saint Francis, and Petit Jean rivers and near flood stages on other streams. Levees broke at several points on the White and a general overflow of the lowlands in eastern sections of the State resulted. Approximately 100,000 acres were inundated and $1,000,000 loss sustained.

July:—Temperature and precipitation were practically normal during July. The first of the month was dry and very favorable for cotton. Upland fields were cleaned, but in the lowlands many fields were still grassy at the close of the month. Peaches, melons, and cantaloupes were marketed the latter part of the month.

August:—The temperature averaged 1.6° above normal and the rainfall 0.93 inch above. Day temperatures of 100° or slightly higher were recorded frequently during the month. The weather was generally favorable for growing crops and at the close of the month cotton picking had started in southern counties. Early corn was injured by dry weather in some localities. Minor crops made satisfactory progress.

September:—September was a cool dry month, a lower mean temperature for this month being reported only three times during the past 38 years, and the average precipitation for this month is the least on record. Many stations reported no rainfall during the month and the average for 86 stations was only 0.45 inch. The weather was favorable for harvesting crops.

October:—October was a warm wet month, but two Octobers during the past 38 years being warmer. Precipitation averaged 1.77 inches above normal with heavy to excessive local amounts on the 16th and 17th. Heavy to killing frost occurred at numerous stations the closing days of the month. Corn and feed crops were gathered, sweet potatoes dug, cotton was picked and rice harvested under favorable conditions. Showers the latter part of the month kept the soil in good condition for seeding and the germination of winter grains.

November:—Killing frost or freezing temperature occurred over the entire State by the 20th, but little damage resulted as all crops were matured. The usual late fall activities were carried on during the month under near normal conditions. Cotton picking and rice threshing made good progress, but at the close of the month considerable cotton and rice still remained in the field.

December:—The weather averaged slightly warmer and wetter than normal. A moderately cold wave about the 8th or 9th brought the lowest temperature of the month in most sections of the State. Snowfall was light, an appreciable amount being reported at only three stations. The month as a whole was favorable for outdoor work as the average winter month. Frequent periods of freezing and thawing weather were unfavorable for wheat and oats.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1928

Month	Temperature, in degrees Fahrenheit				Precipitation, in inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Amt. Snow	Greatest local amount	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	42.7	+ 1.6	90	−10	2.05	−2.05	0.6	2.70	5	16	6	9	s.
February	45.0	+ 2.2	79	10	2.23	−1.12	3.0	4.69	7	12	6	11	n.
March	52.7	0.0	92	20	2.53	−2.21	0.9	6.91	6	14	7	10	s.
April	57.3	− 4.1	87	22	8.52	+3.64	1.0	14.01	9	13	5	12	s.
May	69.5	+ 0.5	98	34	3.60	- 1.42	0.0	7.35	8	17	7	7	s.
June	73.5	− 3.6	100	40	9.41	+5.42	0.0	17.16	13	8	9	13	s.
July	80.3	+ 0.3	102	52	3.66	- 0.16	0.0	9.84	8	17	8	6	s.
August	81.3	+ 1.6	105	51	4.62	+0.93	0.0	10.57	7	17	8	6	s.
September	70.5	− 3.7	101	32	0.45	−2.98	0.0	2.60	1	22	5	3	n.
October	66.3	+ 4.1	100	27	4.74	+1.77	0.0	11.58	8	16	7	8	s.
November	50.2	− 1.4	82	13	4.25	+0.60	T.	7.71	8	13	3	14	n.
December	43.4	+ 0.9	87	10	4.41	+0.36	0.5	8.34	6	18	5	8	n.
Annual	61.1	− 0.1	105	−10	50.50	+2.78	6.0	14.01	86	183	76	107	s.

KILLING FROSTS, 1928

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	*Apr. 16	Nov. 20	218	Jonesboro	Apr. 16	Oct. 31	198
Arkadelphia	Apr. 16	Nov. 20	218	Junction	*Apr. 16		
Arkansas City	Apr. 15	Nov. 20	219	Lambrook	*Apr. 16	Oct. 23	190
Arlberg	*Apr. 14	Nov. 20	220	Lead Hill	*Apr. 16	Nov. 11	209
Batesville	*Apr. 28	Nov. 13	199	Little Rock	Feb. 26	Nov. 20	268
Bee Branch	*Apr. 16	Oct. 23	190	Lurton	Apr. 15	Nov. 3	202
Bentonville	Apr. 15	Nov. 4	203	Lutherville	Apr. 16	Nov 20	218
Black Rock	Apr. 16	Nov. 20	218	Magnolia	*Apr. 16	Nov. 20	218
Blytheville	Apr. 15	Oct. 30	198	Malvern	*Apr. 16	Nov. 20	218
Booneville	*Apr. 16	Nov 20	218	MammothSpring	*Apr. 16	Oct 30	197
Brinkley	Apr. 16	Nov. 20	218	Marianna	*Apr. 15	Nov. 20	219
Calico Rock	*Apr. 28	Nov. 13	199	Marked Tree	Apr. 16	Oct. 31	198
Camden	Apr. 16	Nov. 20	218	Marshall	*Apr. 28	Nov. 10	196
Centerpoint	*Apr. 15	Nov 20	219	Mena	*Apr. 16	Nov. 20	218
Clarendon	Apr. 16	Nov. 9	207	Morrillton	Apr. 16	Nov. 20	218
Clinton	Apr. 16	Nov. 13	211	Mountain Home	*Apr. 29	Oct. 31	185
Cold Springs	Apr. 16			Mount Ida	*Apr. 28	†Oct. 23	178
Conway	Apr. 16	Nov. 20	218	Nashville	Apr. 16		
Corning	Apr. 16	Oct. 31	198	Newport	*Apr. 16	Oct. 31	198
Corning(River)	Apr. 16	Nov. 13	211	Norman		Nov. 20	
Cotter	Apr. 16	Nov. 13	211	Oden	*Apr. 16	Oct. 22	189
Crossett		Nov. 20		Osceola	*Apr. 15	Oct. 30	199
Dam No. 1	Apr. 16	Nov. 5	203	Ozark	*Apr. 15	Nov. 20	219
Danville	Apr. 16	Nov. 20	213	Paragould	Apr. 15	Nov. 20	219
Dardanelle	Apr. 11	Nov. 20	223	Patterson	Apr. 16	Nov. 13	211
De Valls Bluff	Apr. 16	Nov. 20	218	Piggott	Apr. 16	Oct. 31	198
Dumas	*Apr. 16	Nov. 20	218	Pindall	Apr. 16		
Dutton	Apr. 27	Oct. 23	179	Pine Bluff	*Apr. 16	Nov. 20	218
Eagleton				Pocahontas	*Apr. 16	Nov. 20	218
El Dorado	*Feb. 26	Nov. 21	269	Portland	Apr. 16	Nov. 20	218
England	Apr. 16	Nov. 20	218	Prescott	*Apr. 16	Nov. 20	218
Eureka Springs	Apr. 15	Nov. 4	203	Princeton	Apr. 16	Nov. 19	217
Evening Shade				Rison	*Apr. 16	Nov. 20	218
Fayetteville	Apr. 15	Oct. 23	191	Rogers	*Apr. 16	Oct 31	198
Fort Smith	Apr. 15	Nov. 20	219	Saint Francis	Apr. 16		
Freeman Spr.	Apr. 27	Nov. 13	200	Searcy	Apr. 16	Nov. 5	203
Fulton	Apr. 16	Nov. 20	218	Springbank	Apr. 16	Nov. 20	218
Georgetown	Apr. 16	Oct. 31	198	Story	Apr. 27	Oct. 23	179
Gilbert	Apr. 16	Nov. 13	211	Stuttgart	Apr. 16	Nov. 19	217
Grannis	Apr. 28	Nov. 20	206	Subiaco	*Apr. 16	Nov. 20	218
Gravette	Apr. 16	Nov. 4	202	Texarkana	*Feb. 26	Nov. 20	268
Harrison	Apr 15	Oct. 31	200	Thornburg	Apr. 16	Oct. 31	198
Helena	Apr. 28	Nov. 20	206	Waldron	Apr. 16	Nov. 20	218
Higden	Apr. 16	Nov. 13	211	Warren	Apr. 15	Nov. 20	219
Hope	*Apr. 16	Nov. 20	218	Waters	Apr. 16	Oct. 23	190
Hot Springs	*Apr. 16	Nov. 20	218	Whitecliffs	Apr. 15	Nov. 20	219
Huttig	*Apr. 15			Wilson	Apr. 16	Nov. 20	218
Index	Apr. 16			Wynne	*Apr. 16	Nov. 20	218
Jessieville	Apr. 16	Oct. 31	198	Yancopin	Apr. 16	Nov. 20	218

*No killing frost recorded; last freezing temperature in spring.

†No killing frost recorded; first freezing temperature in autumn.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Snowfall inches	Clear	Partly cloudy	Cloudy	Precip.01 or more	
Means and Extremes	**61 2**		**116**	**−29**	**47.72**			**170**	**95**	**100**	**84**	
1891	60.5	−0.7	108	6	44.49	− 3.23	....	180	94	91	94	s.
1892	60.0	−1.2	106	−14	57.75	+10.03	....	159	98	109	98	s.
1893	60.7	−0.5	103	−13	47.91	+ 0.19	....	185	95	85	75	s.
1894	61.3	+0.1	108	−22	49.05	+ 1.33	....	176	97	92	75	s.
1895	59.8	−1.4	105	−17	44.69	− 3.03	...	167	92	106	83	s.
1896	63.0	+1.8	112	4	38.02	− 9.70	5.2	171	97	98	79	s.
1897	62.4	+1.2	111	− 2	46.52	− 1.20	5.4	178	96	91	76	s.
1898	61.4	+0.2	108	− 4	56.83	+ 9.11	3.4	159	105	102	89	s.
1899	60.6	−0.6	112	−25	41.49	− 6.23	7.0	170	105	90	76	s.
1900	62.0	+0.8	108	− 5	49.03	+ 1.31	2.2	150	120	95	92	s.
1901	61.1	−0.1	116	− 6	35.28	−12.44	3.3	175	111	79	65	s.
1902	60.4	−0.8	108	− 2	51.70	+ 3.98	9.3	150	121	94	81	sw.
1903	59.3	−1.9	105	−12	44.62	− 3.10	7.7	162	107	96	84	sw.
1904	60.5	−0.7	105	− 5	43.45	− 4.27	3.5	169	112	85	78	s.
1905	59.5	−1.7	106	−20	63.65	+15.93	15.5	146	107	112	103	sw.
1906	60.2	−1.0	101	− 7	56.97	+ 9.25	5.2	156	96	113	95	sw.
1907	61.7	+0.5	113	− 8	49.71	+ 1.99	2.5	163	91	111	86	s.
1908	62.1	+0.9	103	0	48.88	+ 1.16	5.4	158	100	108	92	sw.
1909	62.1	+0.9	111	−19	44.05	− 3.67	6 8	173	93	96	83	s.
1910	61.0	−0.2	105	−13	45.21	− 2.51	10.8	172	109	84	84	sw.
1911	62.9	+1.7	107	− 9	49.53	+ 1.81	3.0	152	117	96	95	sw.
1912	59.8	−1.4	106	−16	45.83	− 1.89	11.3	171	110	85	81	sw.
1913	61.6	+0.4	108	− 1	54.01	+ 6.29	7.1	158	107	100	89	s.
1914	61.4	+0.2	110	−11	42.85	− 4.87	16.2	149	109	107	82	s.
1915	60.6	−0.6	107	− 3	53.08	+ 5.36	4.7	163	81	121	82	sw.
1916	61.9	+0.7	107	−16	42.18	− 5.54	6.2	191	76	99	75	s.
1917	59.2	−2.0	106	−21	40.72	− 7.00	12.1	187	74	104	75	s.
1918	61.4	+0.2	115	−23	44.64	− 3.08	18.1	174	76	115	75	s.
1919	61.6	+ .4	113	−10	54.52	+ 6.80	3.4	166	75	124	91	s.
1920	60.7	−0.5	105	− 2	54.28	+ 6.56	4.2	174	74	118	90	s.
1921	64.2	−3.0	107	− 3	47.46	− 0.26	15.3	178	85	102	83	s.
1922	62.7	+1.5	111	7	46.50	− 1.22	5.2	170	83	112	87	s.
1923	61.6	+0.4	109	2	59.85	+12.13	9.0	160	82	123	102	s.
1924	60.1	−1.1	110	− 8	37.03	− 10.69	14.3	193	68	105	74	n-s.
1925	63.0	+1.8	113	− 6	42.19	− 5.53	5.4	184	81	100	74	s.
1926	61.3	+0.1	110	−17	49.24	+ 1.61	12.5	175	79	111	88	s.
1927	63.1	+1.9	105	− 2	65.85	+18.33	11.1	161	85	119	99	s.
1928	61.1	−0.1	105	−10	50.50	+ 2.78	6 0	183	76	107	86	s

Corrections: Year 1928

El Dorado precipitation departure for September −2.24. England for July +0.02 Harrison for October −0.48. Lurton, clear, part cloudy and cloudy days, February, 11, 6, 12. Mena precipitation departure for March −3.58, for November +1.62. Mount Ida for December +1.14. Osceola for August +2.96. Springbank for March −1.91. Subiaco for June +6.69.

Climatological Data for Year, 1928

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit							Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date.		Lowest	Date.	Length of record, years	Total for year	Greatest monthly amount	Month.	Least monthly amount	Month	Total snowfa melted	With precipitatio 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	700	29	63.5	100	June	19†	7	Jan. 1	33	.....	.....	.....	0.00	Sept.	0.0	.....	135[i]	136[i]	86[i]	sw.
Arkadelphia	Clark	250	.....	.....	.....	.....		.....	.....	32	46.46	8.08	June	0.40	Sept.	0.0	93	208	51	107	s.
Arkansas City	Desha	145	.....	.....	.....	.....		.....	.....	44	41.24	8.23	Apr.	0.80	Sept.	0.9	74	171[a]	38*	127*	.....
Arlberg	Stone	700	.....	.....	.....	.....		.....	.....	6	54.52	11.98	June	0.00	Sept.	2.6	81	143	135	88	ne.
Batesville	Independence	277	22	58.2	100	Aug.	8	0	Jan. 3†	29	52.51	12.08	June	0.57	Sept.	T.	103	218[a]	21[a]	126[a]	sw.
Bee Branch	Van Buren	700	35	60.1	102	Aug.	8	— 2	Jan. 1†	36	61.65	10.89	Apr.	0.35	Sept.	0.5	95	151	89	123	s.
Bentonville	Benton	1303	23	57.3	93	July	20	— 5	Jan. 1	23	60.43	13.81	June	0.43	Sept.	5.9	116	242	57	67	s.
Black Rock	Lawrence	259	.....	.....	.....	.....		.....	.....	26	62.82	17.07	June	0.80	Sept.	0.5	97	216	18	132	s.
Blytheville	Mississippi	252	3	.....	99	Aug.	9	— 2	Jan. 3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Booneville	Logan	465	14	61.9	101	Aug.	16†	2	Jan. 1	14	54.98	11.31	Apr.	0.06	Sept.	T.	78	186	76	104	e.
Brinkley	Monroe	205	41	61.3	99	Aug.	17	— 2	Jan. 3	41	56.04	10.21	Apr.	1.33	Feb.	0.5	84	187	83	96	se.
Calico Rock	Izard	361	14	58.6	102	Aug.	16†	— 2	Jan. 3†	24	55.23	13.79	June	0.71	Sept.	0.5	107	120	148	98	e.
Camden	Ouachita	158	37	61.9	99	Aug.	21	9	Jan. 2†	43	45.45	7.62	June	0.34	Sept.	0.6	98	138	85	143	sw.
Center Point	Howard	470	25	63.6	100	Aug.	21	6	Jan. 1	29	44.02	8.43	June	0.19	Sept.	T.	84	168[b]	85[b]	108[b]	se.
Clarendon	Monroe	200	.....	.....	.....	.....		.....	.....	24	51.82	9.32	June	1.16	Sept	0.5	99	161	39	166	s.
Clinton	Van Buren	516	.....	.....	.....	.....		.....	.....	7	54.73	11.44	Apr.	0.71	Sept.	1.1	82	95[a]	169[a]	101[a]	sw.
Conway	Faulkner	309	30	61.6	101	Aug.	17	2	Jan. 3	45	46.77	9.48	Apr	0.00	Sept.	0.8	86	231	74	61	s.
Corning	Clay	293	28	59.8	98	Aug.	28	— 7	Jan. 3	35	60.47	13.18	June	0.47	Sept.	0.0	76	241	54	71	w.
Corning River	Clay	280	.....	.....	.....	.....		.....	.....	4	.....	.....	.....	.....	.....	0.0	.....	195[a]	52[a]	118[a]	.....
Cotter	Marion	408	.....	.....	.....	.....		.....	.....	1	49.84	14.53	June	0.20	Sept.	0.0	86	200	0	166	s
Danville	Yell	327	.....	.....	.....	.....		.....	.....	12	47.37	9.21	Apr.	T.	Sept.	T	42	192	66	108	s.
Dardanelle	Yell	330	16	62.5	101	July	4	4	Jan. 1	42	45.21	7.67	Apr.	0.44	Sept.	T.	77	151	177	38	e.
DeValls Bluff	Prairie	153	.....	.....	.....	.....		.....	.....	1	49.08	9.56	Apr.	0.92	July	0.0	73	245	18	103	.....
Dumas	Desha	162	14	62.5	99	Aug.	13	9	Jan. 3	22	48.58	9.69	Apr.	0.02	Sept.	T.	97	118	163	85	s.
Dutton	Madison	1590	15	55.1	95	Aug.	16	— 6	Jan. 1	25	82.91	12.53	June	T.	Sept.	1.2	92	174	107	85	s.
El Dorado	Union	270	24	64.7	98	Aug.	16	11	Jan. 1†	27	49.82	9.23	July	0.62	Sept.	T.	101	113	132	121	sw.
England	Lonoke	229	15	62.2	100	Aug.	8	6	Jan. 3	21	47.07	8.21	June	T.	Sept.	T.	92	176[d]	84[d]	102[d]	s.
Eureka Springs	Carroll	1465	27	58.9	94	Aug.	28†	— 6	Jan. 1†	28	57.67	11.24	June	0.47	Sept.	4.6	113	163	116	87	sw.
Fayetteville	Washington	1451	37	58.7	95	July	21†	— 4	Jan. 1	41	52.90	11.87	Apr.	0.47	Sept.	6.3	107	205	83	78	s.
Fort Smith	Sebastian	457	47	61.6	99	July	4	2	Jan. 1	47	40.48	7.31	Apr.	0.05	Sept.	0.1	92	146	110	110	e.
Freeman Springs	Pope	2240	.....	.....	.....	.....		.....	.....	4	49.75	11.16	June	0.05	Sept.	2.0	97	223	47	96	sw.
Fulton	Hempstead	260	.....	.....	.....	.....		.....	.....	42	49.42	8.88	Oct.	0.25	Sept.	0.0	74	172[a]	61[a]	132[a]	.....
Georgetown	White	200	.....	.....	.....	.....		.....	.....	16	48.62	9.09	Apr.	1.54	Jan.	1.5	86	172	42	152	s.
Gilbert	Searcy	675	.....	.....	.....	.....		.....	.....	5	43.40	11.34	June	0.52	Sept.	0.5	91	150	137	79	.....
Grannis	Polk	900	8	.....	98	Sept.	30	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gravette	Benton	1250	50	57.9	93	July	2 *	— 5	Jan. 1	31	58.72	11.35	June	0.41	Sept.	5.8	89	172[a]	108[a]	85[a]	sw.
Harrison	Boone	1052	27	.....	103	Aug.	7†	— 7	Jan. 3	27	48.21	14.19	June	0.08	Sept.	6.0	83	192[n]	75[n]	80[n]	.....
Helena	Phillips	250	34	62.0	98	Aug.	16	6	Jan. 3	56	60.03	9.21	June	1.26	Sept.	0.9	110	172	14	180	s.
Higden	Cleburne	445	.....	.....	.....	.....		.....	.....	10	53.79	9.84	June	0.61	Sept.	0.4	96	156	112	98	n.
Hope	Hempstead	377	22	65.1	103	Aug.	21†	8	Jan. 1	57	48.76	10.28	June	0.10	Sept.	T.	80	233	40	93	s.
Hot Springs	Garland	600	31	61.8	99	Aug.	8	6	Jan. 1†	37	50.38	9.80	Apr.	0.06	Sept.	T.	64	212[a]	84[a]	69[a]	.....
Index††	Little River	275	.....	.....	.....	.....		.....	.....	3	39.81	6.70	June	0.26	Sept.	0.0	94	167	39	160	.....
Jonesboro	Craighead	345	32	60.7	100	Aug.	17	1	Jan. 3	33	46.40	11.02	June	0.84	Sept.	0.2	90	243[a]	40[a]	82[a]	sw.
Lambrook	Phillips	155	5	.....	97	Aug.	8†	5	Jan. 3	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lead Hill	Boone	650	1	58.1	99	Aug.	14	—10	Jan. 3	1	48.31	14.53	June	6.11	Sept.	2.0	91	217	69	80	s.
LITTLE ROCK	Pulaski	357	49	61.9	97	Aug.	8	5	Jan. 1	49	42.38	7.01	Apr.	0.52	Sept.	T.	99	155	94	117	s.
Lurton	Newton	2100	3	55.9	92	Aug.	8†	— 5	Jan. 1	3	58.17	10.72	June	0.00	Sept.	5.5	105	219[b]	58[b]	81[b]	s.
Lutherville ††	Johnson	775	30	60.4	101	Aug.	16†	— 2	Jan. 1	29	54.54	9.75	Apr.	0.02	Sept.	T.	92	180	72	114	e.
Magnolia	Columbia	315	9	64.2	102	Aug.	21	9	Jan. 1	9	45.06	8.39	June	0.12	Sept	T.	86	150[c]	107[c]	87[c]	s.
Malvern	Hot Springs	277	40	62.2	100	Aug.	8†	7	Jan. 1†	41	49.18	8.37	July	0.19	Sept.	0.0	95	218	60	88	s.
Mammoth Spring	Fulton	600	25	58.6	97	Aug.	8†	11	Jan. 1	23	58.03	13.39	June	0.12	Sept.	2.5	84	211	78	82	nw.
Marianna	Lee	235	16	62.0	97	July	5†	4	Jan. 3	16	41.39	7.00	Apr.	0.05	Sept.	T.	92	237	79	50	s.
Marked Tree	Poinsett	229	12	58.9	98	July	3†	1	Jan. 2†	23	46.37	7.97	Apr.	0.81	Sept.	0.3	84	163	126	77	n.
Marshall	Searcy	1070	13	60.5	98	Aug.	16	— 8	Jan. 3	14	59.66	12.55	Apr.	0.40	Sept.	3.5	91	178	62	126	s.
Mena	Polk	1185	36	61.0	97	July	4	2	Jan. 1	39	46.64	10.10	Apr.	0.07	Sept.	T.	99	166	95	105	nw.
Morrilton	Conway	347	7	61.1	101	Aug.	17	4	Jan. 3	6	45.22	7.43	Apr.	0.00	Sept.	0.0	64	165	89	112	se.
Mountain Home	Baxter	800	12	.....	98	Aug.	16	.....	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	w.
Mount Ida	Montgomery	650	14	.....	97	July	4†	1	Jan. 3	29	47.42	8.74	Apr.	0.00	Sept.	0.0	65	197	60	109	sw.
Newport	Jackson	231	40	61.9	102	Aug.	8†	1	Jan. 3	44	50.59	11.49	June	2.03	Feb.	0.2	100	200	64	102	n.
Oden	Montgomery	800	.....	.....	.....	.....		.....	.....	2	43.28	9.55	Apr.	0.25	Sept.	T.	64	154	99	113	sw.
Osceola	Mississippi	240	25	60.5	98	July	6†	— 2	Jan. 3	30	48.18	9.10	June	0.40	Sept.	0.5	75	200	52	114	s.
Ozark	Franklin	396	32	60.6	98	July	14†	2	Jan. 1	32	48.52	9.25	June	T.	Sept.	T.	78	201[b]	56[b]	101[b]	nw.
Paragould	Greene	301	.....	.....	.....	.....		.....	.....	2	59.86	13.91	June	0.12	Sept.	0.6	86	.....	.....	.....	s.
Patterson	Woodruff	196	.....	.....	.....	.....		.....	.....	12	49.20	9.91	June	1.34	Sept.	T.	78	217	39	110	s.
Piggott	Clay	397	.....	.....	.....	.....		.....	.....	4	59.30	11.86	June	0.80	Sept.	0.2	104	163	89	114	sw.
Pine Bluff	Jefferson	215	40	65.0	104	Aug.	8†	9	Jan. 1	41	52.47	10.78	Apr.	0.14	Sept.	T.	93	189	50	127	nw.
Pocahontas	Randolph	309	34	60.0	99	Aug.	17	1	Jan. 1†	35	63.01	17.16	June	0.08	Sept.	0.1	94	145	101	120	n.
Portland	Ashley	122	22	64.3	100	July	3†	10	Jan. 2	22	40.29	9.43	Apr.	0.40	Sept.	T.	80	129	142	95	n.
Prescott	Nevada	329	30	63.8	100	July	4†	7	Jan. 1†	40	52.80	11.08	June	0.14	Sept.	T	84	192	35	139	n.
Princeton	Dallas	287	.....	.....	.....	.....		.....	.....	22	48.96	9.76	June	1.12	Aug	T.	68	202	37	127	.....
Rison	Cleveland	243	21	64.2	103	Aug.	21	20	Jan. 1†	27	50.48	10.29	June	0.00	Sept.	1.5	67	171	74	121	nw.
Rogers	Benton	1385	35	58.0	95	Aug.	17†	— 5	Jan. 1	37	53.40	10.54	June	0.30	Sept.	6.9	87	175	87	104	sw.
Saint Francis	Clay	290	.....	.....	.....	.....		.....	.....	1	52.94	11.76	June	0.98	Sept	0.0	84	245	0	121	.....
Searcy	White	236	13	60.6	99	Aug.	7†	— 7	Jan. 2	19	49.74	10.06	June	1.53	Sept.	1.0	93	219	0	147	s.
Springbank††	Miller	240	.....	.....	.....	.....		.....	.....	21	47.29	8.82	June	T.	Sept.	1.0	75	197	4	165	.....
Story	Montgomery	700	.....	.....	.....	.....		.....	.....	4	45.14	8.71	Apr.	0.30	Sept.	T.	80	213	64	89	n.
Stuttgart	Arkansas	228	38	62.3	99	Aug.	8†	4	Jan. 3	41	53.79	9.33	Apr.	0.00	Sept.	0.0	92	183	99	84	n.
Subiaco	Logan	1050	31	61.7	100	Aug.	15†	1	Jan. 1	31	47.87	10.66	June	T.	Sept.	T.	87	115[e]	72[e]	144[e]	s
Texarkana	Miller	332	42	65.4	105	Aug.	28	7	Jan. 1	42	52.15	7.73	June	0.15	Sept.	T.	70	178	56	132	s.
Thornburg	Perry	650	3	58.7	97	Aug.	16†	— 2	Jan. 3	4	56.44	10.57	Aug.	0.19	Sept.	T.	.....	164	109	93	s.
Waldron	Scott	675	.....	.....	.....	.....		.....	.....	9	43.48	7.48	Apr.	0.02	Sept	2.3	72	147	78	146	nw.
Warren	Bradley	236	.....	.....	101	Aug.	8	10	Jan. 2	34	46.52	10.47	Apr.	1.20	Jan.	0.0	66	204	95	67	s.
Waters	Montgomery	800	.....	.....	.....	.....		.....	.....	4	56.10	11.08	Apr.	0.00	Sept.	T	68	168	93	105	w.
Whitecliffs	Little River	290	.....	.....	.....	.....		.....	.....	24	46.18	6.35	June	0.00	Sept.	0.0	59	171	56	139	sw.
Wilson	Mississippi	237	3	60.2	97	July	5	— 3	Jan. 3	3/	43.86	9.15	Apr.	0.00	Sept.	0.0	67	227	77	62	s.
Wynne	Cross	250	16	60.9	100	Aug.	8	3	Jan. 3	20	56.78	10.53	Aug.	1.38	Jan.	T.	83	178	55	133	s.
Yancopin	Desha	167	.....	.....	.....	.....		.....	.....	4	42.17	8.46	Apr.	0.74	Jan.	T.	110	158[a]	50[a]	157[a]	.....

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † Also on later dates. †† Post-office addresses of these stations as follows:- Index, Route A, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. *30 days missing.

Monthly and Annual Mean Temperatures for the Year 1928, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	45.1	+ 2.2	47.6	+ 4.6	55.5	+ 0.5	60.0	− 1.2	70.8	+ 1.4	76.1	+ 1.3	80.4	+ 0.3	82.5	+ 2.5	73.6[1]	− 0.6	71.8	+ 9.0	53.0	+ 0.4	45.9	+ 3.1	63.5	+ 1.9
Batesville	38.8	0.0	41.8	+ 1.4	49.0	− 3.2	54.2	− 4.7	66.6	− 1.2	71.2	− 4.2	79.2	− 0.6	80.4	+ 0.9	67.0	− 6.0	63.0	+ 1.8	47.0	− 2.2	40.0	− 0.6	58.2	− 1.5
Bee Branch	41.0	− 0.3	44.4	+ 2.3	51.1	− 1.5	56.0	− 4.9	68.7	+ 0.1	71.7	− 5.1	80.0	0.0	81.5	+ 2.1	70.0	− 4.4	65.7	+ 3.1	49.0	− 2.3	41.8	− 0.4	61.1	− 0.9
Bentonville	39.7	+ 5.6	40.3	+ 1.8	49.0	+ 1.7	53.2	− 3.7	66.2	− 0.2	68.7	− 5.4	77.2	− 1.3	77.4	+ 0.9	66.6	− 2.3	63.4	+ 5.4	46.4	− 0.3	39.8	+ 2.3	57.3	+ 0.3
Blytheville	39.6	.....	.....	.....	.....	.....	57.1	.....	69.4	.....	73.6	.....	81.0	.....	81.7	.....	69.6	.....	65.8	.....	51.2	.....	43.3[1]	.....	.....	.....
Booneville	43.6	+ 3.6	46.2	− 0.4	53.6	− 2.8	57.6	− 4.0	70.6	− 0.5	74.8	− 2.8	80.2	− 0.9	82.2	+ 1.1	71.6	− 4.0	68.3	+ 5.0	50.6	− 3.2	43.7	+ 0.2	61.9	− 0.7
Brinkley	43.0	+ 1.2	45.2	+ 2.2	53.0	+ 0.6	58.0	− 2.7	69.0	− 1.0	75.4	− 2.3	80.6	− 0.2	81.7	+ 1.5	69.4	− 5.2	65.8	+ 3.7	50.3	− 1.0	43.6	+ 0.2	61.8	− 0.2
Calico Rock	38.2	+ 2.0	42.4	+ 1.2	49.4	+ 1.5	54.9	− 3.2	66.7	− 0.2	71.5	− 4.7	79.8	+ 0.3	81.0	+ 2.1	68.0	− 3.8	64.0	+ 3.8	47.0	− 1.6	40.0	+ 0.5	58.6	− 0.2
Camden	44.0	− 0.9	45.9	− 1.1	54.6	− 1.4	57.6	− 6.1	70.3	− 0.9	75.8	− 2.4	80.6	− 0.4	82.2	+ 2.0	71.6	− 3.8	66.2	+ 2.5	50.2	− 2.0	44.2	− 0.9	61.9	− 1.3
Center Point	45.5	+ 0.1	47.4	+ 1.2	56.6	− 0.4	59.0	− 3.7	71.8	+ 0.8	75.8	− 2.8	81.6	− 0.2	82.4	+ 1.4	75.4	− 1.3	69.0[b]	+ 5.4	52.6	− 2.0	46.1	+ 1.5	63.6	0.0
Conway	42.6	+ 0.6	45.6	+ 2.3	53.4	− 0.4	58.0	− 3.5	70.0	− 0.1	74.7	− 3.5	81.2	− 0.4	81.9	+ 0.5	71.2	− 3.8	67.0	+ 3.9	51.2	− 0.6	43.0	+ 0.8	61.6	− 0.4
Corning	40.0	+ 2.7	44.6	+ 6.9	52.4	+ 1.2	56.6	− 3.0	67.7	− 0.8	71.6	− 4.0	80.0	+ 1.1	80.6	+ 2.5	68.2	− 4.2	64.7	+ 5.7	49.0	+ 1.0	41.8	+ 2.4	59.8	+ 1.0
Crossett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70.8[a]	− 3.6	67.8	+ 2.7	53.0	− 1.4	47.4[c]	+ 0.7	.....	.....
Dardanelle	43.5	+ 3.3	46.8	+ 3.2	54.4	+ 2.0	59.2	− 2.2	71.2	+ 1.6	75.6	− 2.2	82.1	+ 0.7	82.4	+ 2.4	71.4	− 3.0	67.6	+ 4.6	50.6	− 1.8	44.8	+ 2.6	62.5	+ 1.0
Dumas	47.3	+ 4.3	48.6	− 0.7	54.3	− 3.1	59.2	− 3.6	69.0	− 3.2	76.0	− 2.8	81.2	− 0.4	82.2	+ 1.6	70.4	− 5.2	66.4	+ 1.2	51.5	− 2.4	44.4	− 3.0	62.5	− 1.5
Dutton	37.3	+ 1.4	39.0	+ 1.1	46.8	− 1.3	51.7	− 4.3	63.6	− 0.5	66.9	− 4.9	73.5	− 2.0	75.2	+ 0.5	63.8	− 4.9	61.2	+ 3.1	44.4	− 3.2	37.8	+ 0.4	55.1	− 1.2
El Dorado	47.0	+ 1.2	49.2	+ 1.6	57.6	+ 1.2	60.4	− 3.0	72.2	+ 1.2	77.4	− 2.6	81.9	+ 0.4	83.9	− 2.8	74.6	− 1.8	69.2	+ 4.4	51.8	− 0.1	43.0	+ 2.0	64.7	+ 0.7
England	43.6	+ 0.7	46.4[a]	+ 0.4	54.5	− 0.7	58.8	− 3.3	70.0[a]	− 0.1	75.4[a]	− 2.5	80.8	− 0.5	81.9[b]	+ 1.6	70.8[f]	− 4.3	67.2	+ 4.0	52.2	− 1.5	44.4	+ 1.2	62.2	− 0.4
Eureka Springs	42.0	+ 4.4	42.4	+ 2.6	50.8	− 0.2	54.8	− 3.6	67.7	+ 0.9	68.8	− 5.2	77.2	− 0.8	78.2	+ 0.2	69.2	− 2.6	66.0	+ 5.7	48.4	− 3.2	41.8	+ 2.6	58.9	0.0
Fayetteville	40.8	+ 2.8	41.4[b]	+ 2.1	50.6	+ 0.7	54.5	− 3.5	66.9	+ 0.7	69.9	− 4.3	78.0	0.0	79.5	+ 1.9	68.8	− 3.6	64.9	+ 4.0	47.8	− 2.0	41.3	+ 1.4	58.7	0.0
Fort Smith	42.9	+ 3.4	45.2	+ 2.4	53.1	+ 0.5	57.0	− 4.8	70.6	+ 1.0	74.1	− 3.4	81.1	− 0.4	82.4	+ 1.9	71.9	− 2.1	67.8	+ 5.0	49.5	− 1.5	43.1	+ 1.0	61.6	+ 0.2
Grannis	.....	.....	.....	.....	53.0	.....	56.2	.....	68.0	.....	73.0	.....	77.4	.....	78.8	.....	71.1	.....	66.1	.....	49.8	.....	42.6	.....	.....	.....
Gravette	39.8	+ 3.1	40.7	+ 2.9	50.6[b]	+ 0.8	52.8	− 3.8	66.6	− 1.0	69.0	− 4.6	76.7	− 0.5	78.1	+ 0.9	68.0	− 2.8	64.4	+ 4.4	47.6	− 1.8	40.7	+ 3.1	57.9	+ 0.2
Harrison	41.0	+ 4.6	43.6	+ 5.9	50.0	+ 1.4	55.0[a]	− 1.7	67.2[f]	+ 1.8	70.3[f]	− 2.6	.....	.....	81.0[b]	+ 4.7	69.0	− 1.2	66.8[b]	+ 5.3	46.6[f]	− 2.1	40.5	+ 3.2	.....	.....
Helena	42.6	− 0.4	46.1	+ 2.5	54.2	+ 0.4	58.4	− 4.0	69.3	− 1.5	75.4	− 2.8	80.9	− 0.4	81.7	+ 1.1	71.0	− 3.8	67.4	+ 4.9	52.0	− 1.2	45.0	+ 0.2	62.0	− 0.4
Hope	47.8	+ 2.4	48.4	+ 0.8	57.3	− 0.7	61.7	− 1.5	71.6	+ 0.4	77.1	− 1.3	82.8	+ 2.2	84.6	+ 3.2	74.8	− 1.2	70.9	+ 5.3	52.6	− 1.0	50.2	+ 3.5	65.1	+ 1.0
Hot Springs	44.6	+ 1.5	42.2	− 4.6	51.2	− 3.1	57.5	− 5.0	70.4	+ 0.6	75.0	− 2.9	80.7	− 0.7	81.8	+ 1.4	75.9	+ 0.5	67.4	+ 3.5	51.8	− 1.0	43.2	− 3.0	61.8	− 1.1
Huttig	48.8	+ 0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jonesboro	39.9	− 0.5	43.5	+ 2.0	51.5[a]	− 1.3	56.8	− 4.4	69.1	− 0.7	73.3	− 4.3	81.1	+ 1.2	81.8	+ 1.9	70.6	− 3.7	66.0	+ 3.5	51.8	+ 0.4	42.8	+ 1.8	60.7	− 0.3
Junction	47.4	+ 1.8	51.6	+ 4.5	.....	.....	60.4	− 5.2	70.6	− 1.2	.....	.....	81.5	− 0.4	83.4	+ 2.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lambrook	41.6	.....	45.0	.....	52.2	.....	58.0	.....	69.8	.....	75.9	.....	81.0	.....	81.4	.....	.....	.....	.....	.....	50.6[b]	.....	43.4[b]	.....	.....	.....
Lead Hill	38.6	.....	41.5	.....	49.2	.....	54.8	.....	67.1	.....	70.6	.....	78.5	.....	79.1	.....	66.6	.....	63.9	.....	47.4	.....	39.6	.....	58.1	.....
LITTLE ROCK	43.8	+ 2.4	45.8	+ 0.9	53.9	+ 0.9	57.6	− 4.5	70.5	0.0	74.8	− 2.6	81.0	+ 0.1	81.8	+ 2.0	71.6	− 2.5	67.1	+ 3.5	51.4	− 0.7	44.2	0.0	61.9	− 0.1
Lurton	38.8	.....	38.8[a]	.....	47.4	.....	51.2	.....	64.6[a]	.....	67.0[b]	.....	75.2[b]	.....	76.0[b]	.....	65.7[b]	.....	62.4[a]	.....	45.0[b]	.....	39.0	.....	55.9	.....
Lutherville	41.2	+ 1.2	44.1	+ 3.1	51.2	− 1.2	55.1	− 4.7	69.1	+ 0.8	72.0	− 3.8	80.6	+ 0.6	82.2	+ 3.4	70.9	− 2.7	67.0	+ 5.2	49.0	− 2.2	42.4	+ 1.2	60.4	+ 0.1
Magnolia	47.1	.....	48.8	.....	57.8	.....	60.4	.....	69.8[b]	.....	76.4[b]	.....	81.4	.....	84.0[b]	.....	73.6[a]	.....	69.2[a]	.....	54.2[a]	.....	48.2[a]	.....	64.2	.....
Malvern	43.6	+ 0.4	46.8	− 0.1	54.8	+ 0.7	58.8	− 2.3	70.8	+ 0.9	76.2	− 1.3	81.3	+ 0.3	82.6	+ 3.9	72.7	− 1.6	65.6	+ 2.8	49.8	− 2.4	43.0	0.0	62.2	+ 0.1
Mammoth Spring	42.2	+ 5.4	42.0	+ 2.6	50.3	− 0.4	55.0	− 3.4	66.8	+ 0.6	69.8	− 4.5	78.6	+ 0.6	79.4	+ 2.2	68.2	− 3.2	62.6	+ 4.2	45.8	− 2.8	42.4	+ 3.7	58.6	+ 0.4
Marianna	43.7	+ 3.5	47.0	+ 3.6	53.6	− 1.2	59.4	− 1.1	70.0	− 0.2	75.6	− 2.3	81.4	+ 1.2	81.4	+ 2.0	69.8	− 3.2	65.4	+ 1.8	52.8	+ 0.8	44.4	+ 2.4	62.9	+ 0.6
Marked Tree	37.6	− 1.5	41.6	− 2.8	48.8	− 2.4	56.2	− 5.7	68.6	− 0.7	72.5	− 6.2	81.1	+ 0.5	83.8	+ 1.6	67.8	− 6.3	63.1	+ 1.4	48.0	− 1.3	40.7	− 0.3	58.9	− 2.0
Marshall	40.6	+ 2.2	43.6	− 0.1	50.6	− 3.0	55.2	− 5.6	66.8	− 0.4	70.6	− 6.0	78.9	− 0.8	79.4	+ 0.7	66.4	− 6.1	65.1	+ 3.6	49.0	− 2.7	41.8	− 1.0	60.5	− 1.6
Mena	43.4	+ 2.1	44.6	+ 1.0	53.4	+ 0.8	56.4	− 5.0	69.6	+ 0.7	73.8	− 2.6	79.4	− 0.4	80.4	+ 1.0	72.0	− 1.8	66.4	+ 3.6	49.6	− 3.5	42.6	0.0	61.0	− 0.3
Morrillton	41.9	.....	44.6	.....	52.5	.....	56.8	.....	70.4	.....	73.7	.....	81.2	.....	82.6	.....	71.6	.....	66.2	.....	48.8	.....	42.5	.....	61.1	.....
Mountain Home	.....	.....	43.0	+ 2.3	49.4	− 1.2	53.4[b]	− 6.0	67.6	+ 1.7	68.8	− 6.0	78.8[c]	+ 1.5	78.6	+ 0.8	67.4	− 3.6	64.8[a]	+ 5.5	43.2[a]	− 0.4	41.6	+ 1.9	.....	.....
Mount Ida	42.0	+ 1.3	44.6	− 1.2	52.8	− 0.4	56.8	− 4.8	68.6	+ 0.3	73.2	− 3.3	78.0	− 1.5	79.4	+ 0.1	68.9	− 4.0	61.8	+ 0.5	46.8	− 4.3	.....	.....	.....	.....
Nashville	.....	.....	.....	.....	.....	.....	58.6	.....	70.5	.....	75.2	.....	82.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	41.6	+ 2.4	44.7	+ 4.2	52.6	0.0	57.8	− 4.0	71.2	+ 1.2	74.5	− 3.3	82.5	+ 1.5	83.2	+ 3.4	72.5	− 1.3	67.4	+ 6.6	51.6	+ 0.6	43.3	+ 1.1	61.9	+ 1.0
Osceola	38.4	− 1.4	40.9	− 1.4	52.0	− 2.8	58.8[f]	− 0.9	70.0	+ 0.4	73.8[b]	− 3.4	81.2	+ 1.1	81.1	+ 2.1	69.7	− 3.8	66.9	+ 4.4	49.8	0.0	41.0	+ 1.2	60.5	− 0.3
Ozark	40.6	− 0.4	44.5[c]	+ 1.6	51.8	− 1.6	55.8	− 6.6	70.1	− 0.3	74.0[e]	− 4.0	80.1	− 1.7	81.3	− 0.2	71.0	− 5.1	67.1	+ 3.5	49.6	− 2.6	41.0[a]	− 0.2	60.6	− 1.4
Pine Bluff	46.0	+ 2.9	48.2	+ 2.8	56.2	+ 1.4	60.7	− 3.7	73.0	+ 1.0	77.6	− 1.4	83.6	+ 1.4	85.8	+ 4.4	76.3	+ 0.8	70.6	+ 8.0	54.3	+ 1.5	47.1	+ 2.7	65.0	+ 1.8
Pocahontas	39.6	+ 1.6	43.8	+ 3.4	51.2	− 0.4	56.2	− 3.8	69.1	+ 0.5	72.4	− 4.0	80.8	− 0.9	81.7	+ 0.7	69.4	− 5.4	65.0	+ 2.1	49.7	− 1.5	41.2	+ 0.4	60.0	− 0.6
Portland	47.4	+ 1.1	49.4	+ 0.9	58.0	− 0.8	61.4	− 2.3	72.1	+ 0.8	78.2	− 1.0	81.9	+ 0.4	83.0	+ 1.9	72.1	− 4.3	67.0	+ 2.2	53.6	− 0.8	47.0	− 0.3	66.3	− 0.1
Prescott	44.0	− 0.1	48.4	+ 2.1	57.4	+ 1.5	59.6	− 3.3	73.9	+ 3.7	76.6	− 1.9	82.4	+ 0.7	84.0	+ 2.8	74.0	− 1.8	68.7	+ 3.3	51.8	− 2.4	45.2	− 0.5	63.8	+ 0.4
Rison	48.8	+ 5.2	49.2	+ 4.8	56.3	+ 1.3	60.4	− 2.6	71.0	0.0	76.5[a]	− 1.4	81.4	+ 0.6	83.3	+ 2.3	73.6	− 2.2	68.8	+ 5.2	53.8	+ 0.7	47.0	+ 1.5	66.2	+ 1.3
Rogers	39.7	+ 2.8	41.4	+ 3.1	50.4	+ 1.0	54.2	− 3.9	66.1	0.0	70.1	− 3.3	76.8	− 0.2	77.8	+ 0.8	67.9	− 3.2	64.5	+ 4.9	47.4	− 1.9	40.2	+ 1.1	58.0	+ 0.1
Searcy	40.4	0.0	44.7	+ 1.0	51.7	− 1.3	56.9	− 4.7	69.1	+ 0.4	73.4	− 3.8	80.2	− 0.5	81.7	+ 1.8	70.8	− 2.6	68.6	+ 4.7	50.0	− 0.7	42.8	+ 0.3	60.6	− 0.5
Stuttgart	44.2	+ 2.0	46.8	+ 2.6	54.0	0.0	58.1	− 3.9	69.4	− 0.5	75.6	− 2.0	81.8	+ 1.1	82.0	+ 1.7	70.2	− 4.6	68.6	+ 5.8	51.6	− 0.6	45.0	+ 1.1	62.3	− 0.3
Subiaco	43.6[c]	+ 2.2	46.4[b]	+ 4.0	53.3	− 0.3	57.3	− 3.8	70.8	+ 0.8	74.0	− 3.4	80.6[e]	− 0.7	82.6	+ 1.8	71.6	− 2.0	67.5	+ 4.1	49.7	− 3.3	42.8	+ 0.6	61.7	+ 0.1
Texarkana	46.8	+ 0.6	49.4	+ 1.6	58.4	+ 1.6	61.3	− 2.7	73.6	+ 2.0	78.2	− 0.8	83.2	+ 0.9	85.4	+ 3.5	76.6	− 0.2	69.8	+ 5.2	53.7	− 1.7	48.1	+ 1.3	65.1	+ 1.0
Thornburg	41.2	.....	43.2	.....	50.3	.....	55.2	.....	66.4	.....	72.0	.....	77.2	.....	78.4	.....	67.5	.....	64.6	.....	47.5	.....	40.8	.....	58.7	.....
Warren	47.1	+ 2.2	48.5	+ 2.9	56.6	+ 0.5	61.4	− 1.2	75.2	+ 4.2	.....	.....	84.2	+ 2.4	83.8	+ 2.7	72.5	− 3.5	67.6	+ 3.8	50.1	− 0.5	46.4	+ 1.7	.....	.....
Wilson	40.0	.....	43.6	.....	52.8	.....	57.2	.....	68.6	.....	73.1	.....	80.0	.....	81.4	.....	69.8	.....	65.6	.....	49.5	.....	41.6	.....	60.2	.....
Wynne	41.2	+ 1.0	45.0	+ 1.2	52.5	+ 0.9	57.4	− 3.9	69.3	− 1.1	74.0	− 4.5	81.2	+ 0.2	81.6	+ 1.8	69.6	− 4.2	65.5	+ 2.5	50.5	− 1.3	42.9	+ 1.1	59.9	− 0.5

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing

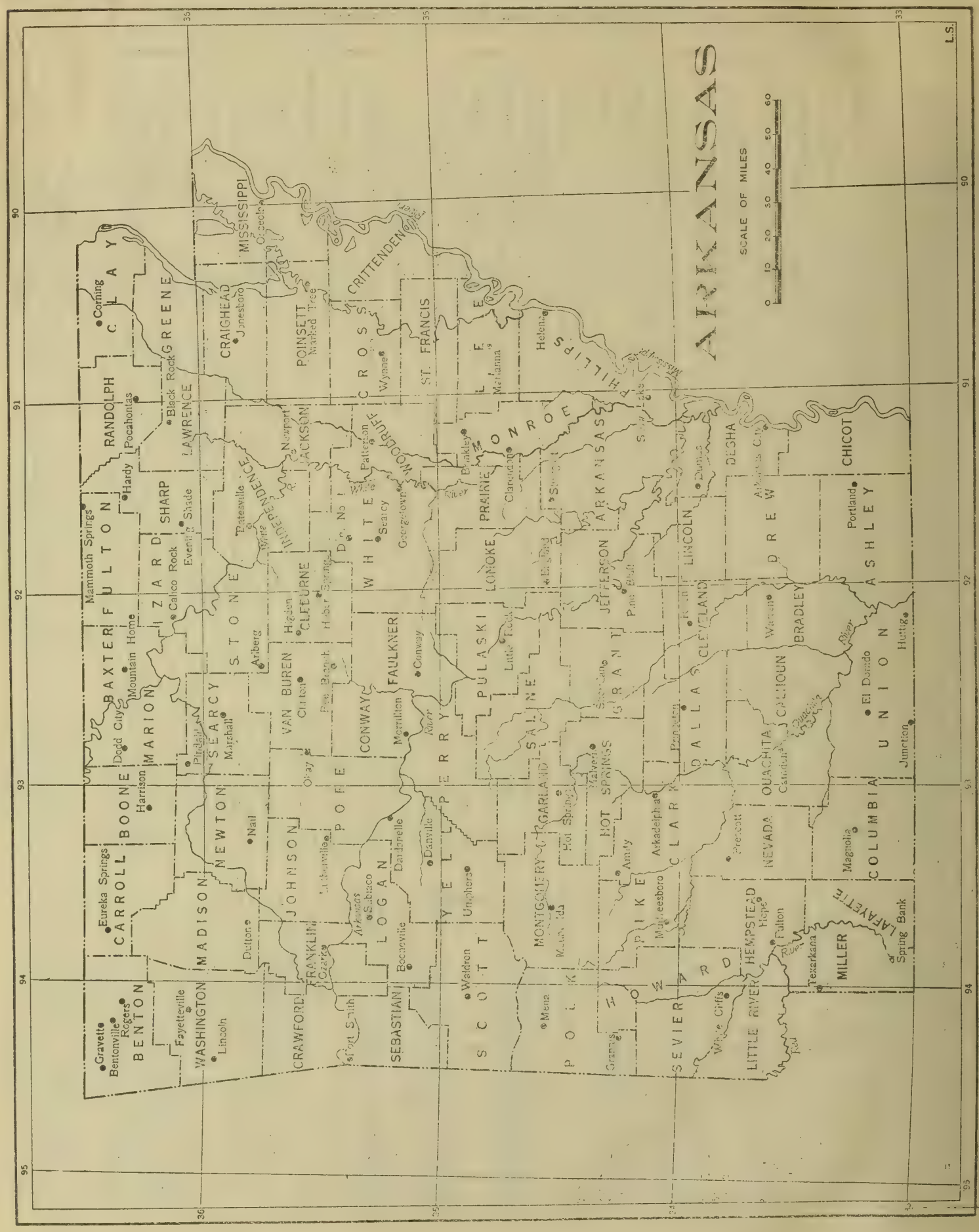
COOPERATIVE OBSERVERS

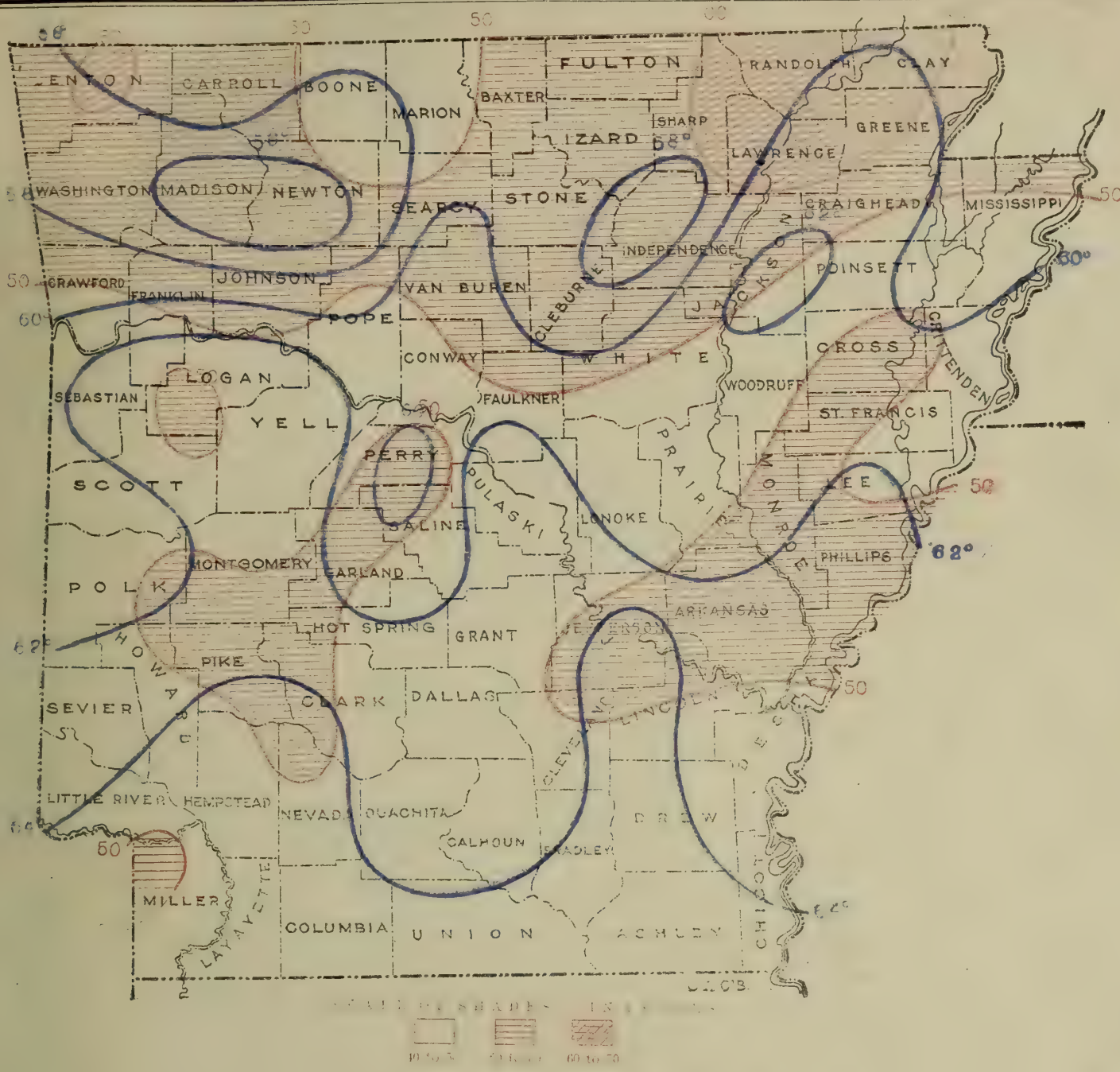
Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	G. C. Thrash	De Valls Bluff	H. G. Pate	Jonesboro	J. A. Lowderback	Pindall	W. W. Wood
Arkadelphia	W. K. Brown	Dumas	Ben Johnson	Lambrook	Mrs. D. C. White	Pine Bluff	Miss Theresa Scheu
Arkansas City	Grady F. Jones	Dutton	J. M. Ricketts	Lead Hill	J. H. Crosswhite	Pocahontas	Benedictine Sisters
Arlberg	J. D. Reeves	Eagleton	U. S Forest Service	Little Rock	U. S. Weather Bureau	Portland	W. E. Edmiston
Batesville	Mrs. Lelia I. Teter	El Dorado	J. J. Babb	Lurton	J. C. Sutton	Prescott	C. D. Calhoun
Bee Branch	J. E. Scanlan	England	Dr. R. H. Hardin	Lutherville	H. G Lenhardt	Princeton	Mrs. F. P. Coleman
Bentonville	U. S. Weather Bureau	Eureka Springs	Geo. W. Nichoalds	Magnolia	State Agr. School	Rison	Mrs. M. V. Tisdale
Black Rock	Vernon C. Howe	Evening Shade	T. J. Carter	Malvern	Mrs. W. L. Matthews	Rogers	Carl A. Starck
Blytheville	W. Ebner	Fayetteville	University of Ark.	Mammoth Spring	W. C. Gregg	St. Francis	S. T. Rooney
Booneville	F. H. Randolph	Fort Smith	U. S. Weather Bureau	Marianna	C. N. Houck	Searcy	J. T. Bell
Brinkley	Robt. J. Torry	Freeman Springs	J. R. Mc Cuiston	Marked Tree	Chas. W. Walton?	Springbank	Miss Grace Field
Calico Rock	W. J. Copp	Fulton	T. J. Logan	Marshall	A. J. Parks	Story	S. C. Story
Camden	A. B. Quarterman	Georgetown	W. R. Owens	Mena	E. W. St John	Stuttgart	A. F. Buerkle
Center Point	John C. Floyd	Gilbert	Ben. F. Battenfield	Morrillton	John Cook	Subiaco	New Subiaco Abbey
Clarendon	J. W. Bishop	Grannis	W. E. McVay	Mountain Home	B. S. Halbert	Texarkana	H. S. Brashear
Clinton	A. L. Stephens	Gravette	A. F. Stevens	Mount Ida	G. A. Whittington	Thornburg	Edward E. Holmes
Cold Springs	U. S. Forest Service	Harrison	G. L. Wright	Nashville	J. H. Skillern	Waldron	Dr. Cheves Bevill
Conway	E. E. Cordrey	Helena	James A. Burnett	Newport	A. C. Wilkerson	Warren	Miss Evelyn Hoyle
Corning	Winfred D. Polk	Higden	George W. Baker	Norman	U. S. Forest Service	Waters	J. R. Huddleston
Corning (River)	Henry Stafford	Hope	N. P. O'Neal	Oden	U. S. Forest Service	Whitecliffs	Miss N O. Schirmer
Cotter	J. O. Linck	Hot Springs	Geo. C Bolton	Osceola	June Thomason	Wilson	M. W. H. Collins
Crossett	A. E. Wackerman	Huttig	J. L. Collett	Ozark	Isham Barrow	Wynne	E. O. Allen
Dam No. 1	J. O. Yingling	Index	H. G. Sanderson	Paragould	W. R. Heagler	Yanoopin	W. E. Barton
Danville	C. G. Hudson	Jessieville	U. S. Forest Service	Patterson	W. E. Baker		
Dardanelle	G. N. Goodier, Jr.	Junction	Benedictine Sisters	Piggott	V. C. Wright		

Monthly and Annual Precipitation for the Year 1928, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	0.90	−3.61	1.18	−2.64	0.84	−1.42	4.03	−1.59	0.98	−4.63	4.01	−1.63	2.07	−1.79	2.27	−2.09	0.00	−3.29	1.33	−1.65	2.66	−1.39	2.77	−1.64	††	††
Arkadelphia	1.48	−2.49	3.13	−1.34	1.99	−3.11	5.95	+0.56	2.14	−3.28	8.08	+2.98	4.91	+1.16	3.26	−1.26	0.40	−2.24	3.47	+0.64	3.84	+0.29	7.81	+2.97	46.46	− 5.12
Arkansas City	1.00	−3.70	3.24	−1.26	1.01	−1.41	8.23	+3.53	1.97	−2.61	4.61	+0.37	2.18	−1.68	3.19	−0.73	0.80	−2.12	2.17	−0.03	4.57	+0.78	5.27	+0.38	41.27	− 8.44
Arkansas City	1.00	−3.70	3.24	−1.26	1.01	−1.41	8.23	+3.53	1.97	−2.61	4.61	+0.37	2.18	−1.68	3.19	−0.73	0.80	−2.12	2.17	−0.03	4.57	+0.78	5.27	+0.38	41.27	− 8.44
Arlberg	3.63	.....	1.84	.....	1.53	.....	9.05	.....	3.76	.....	11.98	.....	1.98	.....	6.86	.....	0.00	.....	3.73	.....	5.92	.....	4.27	.....	54.52	.....
Batesville	3.95	−0.24	1.32	−2.19	2.37	−1.75	8.83	+4.15	3.65	−1.24	12.08	+8.05	1.95	−1.34	3.31	−0.94	0.57	−3.33	5.72	+2.86	4.83	+1.28	3.95	+0.66	52.51	+ 5.44
Bee Branch	4.55	+0.45	2.55	−1.08	2.64	−2.54	10.89	+5.92	6.13	+1.32	10.65	+6.51	1.67	−2.04	5.43	+1.56	0.35	−2.77	4.43	+1.61	7.71	+4.28	4.67	+0.72	61.65	+13.94
Bentonville	1.34	−1.29	2.48	−0.04	2.63	−1.19	9.85	+5.96	6.62	+1.40	13.81	+9.25	3.15	−1.16	9.20	+5.16	0.43	−3.04	3.22	+0.41	4.74	+1.75	2.96	+0.26	69.43	+17.41
Black Rock	2.93	−1.37	2.15	−1.00	2.96	−2.16	8.61	+3.20	3.77	−1.16	17.07	+13.73	1.40	−2.49	5.70	+1.35	0.80	−2.41	8.74	+6.17	5.58	+1.43	4.03	+0.28	62.82	+15.54
Black Rock	1.26	.....	.....	.....	.....	.....	6.48	.....	2.20	.....	10.00	.....	2.27	.....	2.65	.....	0.36	.....	8.94	.....	1.80	.....	2.00	.....	.....	.....
Blytheville	2.65	−2.18	1.02	−1.05	1.58	−1.84	11.31	+7.12	3.67	−1.01	11.19	+7.00	7.65	+4.54	5.27	+2.28	0.06	−3.12	3.80	+0.41	3.69	−0.33	3.59	+0.74	54.98	+12.56
Boonville	1.72	−3.25	1.33	−2.83	2.65	−3.32	10.21	+4.79	4.34	+0.01	8.73	+5.29	2.11	−1.98	7.03	+3.51	2.40	−0.83	6.93	+4.01	3.22	−0.97	4.87	−0.07	56.04	+ 4.56
Brinkley	1.36	−2.22	1.71	−0.71	2.55	−1.02	8.27	+3.58	5.03	+0.58	13.79	+10.24	5.58	+1.94	5.98	+0.88	0.71	−2.86	3.41	+0.90	3.63	+0.54	3.41	+0.42	55.23	+12.27
Calico Rock	1.35	−3.25	2.37	−1.63	3.54	−1.63	7.30	+2.37	2.08	−2.41	7.62	+2.93	7.10	+3.19	1.53	−1.70	0.34	−2.98	3.19	+0.38	3.67	−0.43	5.37	+0.70	45.45	− 4.45
Camden	1.59	−2.15	2.66	−0.36	2.05	−3.02	6.54	+1.19	3.08	−3.20	8.43	+4.05	3.35	−0.75	2.13	−1.22	0.19	−3.48	2.77	−0.09	4.70	+1.32	6.53	+2.28	44.02	− 5.65
Center Point	1.84	−2.50	1.53	−2.26	3.00	−2.29	8.52	+2.19	3.98	+1.08	9.32	+5.98	2.51	−0.83	5.23	+1.02	1.16	−2.44	6.40	+3.36	3.63	−0.27	4.70	−0.31	51.82	+ 0.57
Clarendon	4.33	.....	1.73	.....	1.78	.....	11.44	.....	4.45	.....	10.07	.....	0.79	.....	4.58	.....	0.71	.....	4.34	.....	6.28	.....	4.28	.....	51.73	.....
Clinton	2.41	.....	1.28	.....	1.21	.....	7.84	.....	3.69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cold Springs	2.52	−1.73	1.29	−2.37	3.82	−0.87	9.48	+4.83	2.96	−1.77	5.83	+1.78	3.88	+0.56	4.88	+1.37	0.60	−3.51	3.66	+1.01	3.83	−0.27	4.62	+0.48	46.77	− 0.49
Conway	2.20	−1.49	2.99	−0.52	2.83	−1.87	8.76	+3.88	5.74	+1.38	13.15	+9.06	1.90	−1.57	6.64	+3.00	0.47	−3.25	6.20	+2.93	5.06	+2.18	3.70	−0.25	60.47	+13.48
Corning	1.79	.....	2.41	.....	1.87	.....	7.01	.....	5.28	.....	13.48	.....	.....	.....	8.02	.....	0.65	.....	7.25	.....	5.36	.....	3.14	.....	.....	.....
Corning River	1.62	.....	1.46	.....	1.58	.....	8.82	.....	3.73	.....	14.53	.....	3.40	.....	7.20	.....	0.20	.....	1.95	.....	1.92	.....	3.48	.....	49.84	.....
Cotter	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.19	−2.31	5.20	+1.90	4.33	+0.56	4.25	+0.29	.....	.....
Crossett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.27	.....	3.65	.....	.....	.....	.....	.....	.....	.....
Dam No. 1	2.58	.....	2.33	.....	4.06	.....	9.02	.....	2.27	.....	10.90	.....	4.15	.....	5.66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danville	3.10	−0.29	1.12	−0.90	2.21	−2.09	9.21	+5.29	3.54	−0.27	7.60	+4.24	2.22	−0.92	6.02	+2.49	T.	−2.95	3.88	+0.07	4.95	+1.42	3.52	+0.56	47.37	+ 6.65
Dardanelle	2.83	−0.46	1.60	−1.45	1.60	−2.86	7.67	+3.63	2.73	−2.77	7.67	+4.03	2.64	+0.89	5.49	+1.76	0.44	−2.85	4.14	+1.50	5.49	+1.93	2.91	−0.29	45.21	+ 1.36
De Valls Bluff	1.28	.....	1.38	.....	2.01	.....	9.56	.....	4.75	.....	7.40	.....	0.92	.....	5.35	.....	1.28	.....	6.82	.....	3.10	.....	5.22	.....	49.08	.....
Dumas	0.75	−4.24	2.48	+1.57	4.55	−1.30	9.69	+4.74	3.48	−1.74	6.18	+2.05	6.93	+3.51	2.16	−1.80	0.02	−3.78	2.18	−1.10	5.16	+1.27	5.90	−0.36	48.58	− 4.32
Dutton	2.63	−1.27	2.56	−0.36	1.96	−2.44	10.44	+4.68	4.13	−2.31	12.53	+7.03	0.99	−3.25	5.11	+0.66	T.	−4.10	3.08	+0.08	6.17	+2.78	3.29	−0.14	52.91	+ 1.26
Eagleton	3.02	.....	3.98	.....	1.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
El Dorado	1.59	−1.80	2.66	−0.68	3.79	−0.65	8.69	+3.6	3.04	−1.51	4.57	+1.33	9.23	+5.96	0.99	−2.33	0.62	−2.24	4.87	+2.04	4.81	+1.59	4.96	+0.30	49.82	+ 5.81
England	1.28	−2.78	2.81	−1.37	2.23	−3.06	7.82	+1.58	4.56	+0.47	8.21	+4.55	4.43	+0.02	6.59	+1.99	T.	−3.70	3.82	+0.94	2.30	−1.41	5.02	+0.44	47.07	− 2.93
Eureka Springs	2.05	−1.03	2.7	+0.08	3.65	−0.27	10.61	+5.93	6.17	+0.31	11.21	+5.53	3.36	−0.59	6.47	+1.35	0.47	−3.49	2.96	−0.07	4.67	+1.72	3.30	+0.88	57.67	+10.39
Evening Shade	.....	.....	1.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fayetteville	1.53	−1.45	2.61	+0.07	2.88	−1.20	11.87	+7.35	4.22	−1.89	8.90	+4.53	3.00	−1.12	7.83	+3.62	0.47	−2.71	2.83	−0.36	4.08	+1.00	2.67	+0.06	52.90	+ 8.20
Fort Smith	2.08	−0.36	1.77	−0.87	1.34	−1.67	7.31	+3.37	5.43	+0.61	7.22	+3.50	2.46	−0.89	4.02	+0.74	0.05	−2.94	4.66	+1.67	2.45	−0.42	1.67	−1.09	49.48	+ 1.50
Freeman Springs	2.29	.....	2.47	.....	1.78	.....	7.62	.....	3.66	.....	11.16	.....	1.55	.....	6.33	.....	0.05	.....	4.20	.....	5.65	.....	3.07	.....	49.75	.....
Fulton	1.83	−2.23	3.84	+0.85	1.72	−2.85	5.60	+1.17	2.13	−2.44	8.41	+4.48	4.02	−0.61	1.12	−1.80	0.25	−2.19	8.88	+6.51	3.68	−0.15	7.94	+3.63	49.42	+ 5.86
Georgetown	1.54	−3.95	3.03	−0.25	2.30	−3.43	9.09	+3.34	2.50	−1.63	8.30	+4.85	2.85	+0.21	4.53	+0.31	2.18	−1.80	4.73	+0.60	2.52	−1.27	5.45	+1.18	8.62	− 1.84
Gilbert	1.59	.....	0.96	.....	2.47	.....	8.09	.....	3.25	.....	11.34	.....	0.46	.....	6.09	.....	0.52	.....	3.89	.....	2.89	.....	2.42	.....	43.40	.....
Grannis	.....	.....	.....	.....	2.02	.....	8.90	.....	3.51	.....	10.55	.....	5.52	.....	3.41	.....	0.15	.....	4.93	.....	3.52	.....	8.34	.....	.....	.....
Gravette	2.01	−0.49	2.07	+0.23	2.65	−1.05	9.75	+5.54	4.24	−1.28	11.35	+5.94	6.37	+2.18	10.31	+6.33	0.44	−2.97	2.82	−0.22	3.99	−0.98	2.82	+0.63	58.72	+15.82
Harrison	3.58	+0.61	1.64	−0.06	1.81	−1.36	10.11	+5.51	4.27	−0.62	14.19	+10.21	1.52	−2.80	2.69	−1.03	0.08	−3.51	2.21	−0.48	3.42	+0.63	2.69	+0.19	48.21	+ 6.27
Helena	1.35	−4.02	2.35	−2.36	6.39	+0.21	8.44	+2.76	5.42	+0.53	9.21	+5.28	5.80	+2.00	6.06	+2.22	1.26	−2.17	3.80	+1.24	6.41	+1.92	8.54	−1.40	60.03	+ 6.61
Hiden	4.60	.....	1.91	.....	2.71	.....	9.23	.....	3.56	.....	9.84	.....	2.07	.....	4.78	.....	0.61	.....	3.49	.....	6.63	.....	4.26	.....	53.79	.....
Hope	1.68	−3.33	3.33	−0.69	3.22	−2.08	4.69	+1.37	2.49	−2.72	10.28	+6.39	5.37	+0.85	2.59	−1.01	0.10	−2.89	4.49	+1.14	5.50	+1.03	5.62	+1.28	48.76	− 3.34
Hot Springs	2.07	−2.69	2.46	−1.15	1.29	−4.08	9.53	+3.28	2.97	−2.68	8.44	+3.86	5.97	+1.74	1.55	−2.35	0.00	−3.47	6.55	+3.44	2.57	−1.93	7.50	+3.32	50.38	− 2.72
Humig	1.56	−2.91	2.65	−1.49	2.85	−2.87	14.01	+8.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Imboden	0.53	.....	3.45	.....	2.06	.....	4.27	.....	3.04	.....	6.70	.....	3.10	.....	1.95	.....	0.26	.....	4.56	.....	4.47	.....	5.22	.....	39.61	.....
Jacksonport	2.05	.....	1.79	.....	1.60	.....	7.30	.....	3.10	.....	6.85	.....	4.05	.....	5.80	.....	.....	.....	3.77	.....	4.35	.....	2.74	.....	.....	.....
Jasper	3.23	−2.16	2.01	−1.85	2.10	−2.81	7.17	+2.37	2.96	−1.27	11.02	+7.32	1.41	−2.15	3.78	+0.24	0.84	−2.65	4.66	+1.33	3.02	−0.44	4.20	−0.42	46.40	− 2.83
Jonesboro	1.83	−2.07	3.15	−0.27	3.86	−1.53	7.76	+2.89	4.10	−0.46	.....	.....	7.28	+3.21	1.26	−2.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Junction	0.86	.....	2.59	.....	6.91	.....	8.67	.....	4.67	.....	7.67	.....	6.91	.....	6.17	.....	.....	.....	.....	.....	.....	.....	3.25	.....	.....	.....
Lacrosse	2.07	.....	1.43	.....	1.67	.....	8.24	.....	4.50	.....	14.53	.....	1.40	.....	4.11	.....	0.11	.....	3.81	.....	3.82	.....	2.66	.....	48.31	.....
Leed Hill	1.18	−3.61	2.57	−1.77	1.70	−3.21	7.01	+2.50	3.88	−1.24	6.72	+2.63	2.79	−1.20	4.70	+1.05	0.52	−2.74	3.06	+0.51	2.59	−2.00	5.68	+1.44	42.38	− 7.67
LITTLE ROCK	2.48	.....	3.08	.....	2.01	.....	10.12	.....	3.69	.....	10.72	.....	3.21	.....	7.97	.....	0.00	.....	4.66	.....	5.91	.....	4.39	.....	58.17	.....
Luxora	3.96	+0.55	2.13	−0.96	2.00	−1.71	9.75	+5.29	5.49	+0.42	9.41	+4.94	2.16	−1.34	4.42	+0.25	0.02	−3.43	4.46	+0.78	6.50	+3.07	4.20	+0.66	54.54	+ 8.49
Lutherville	0.28	.....	2.67	.....	3.56	.....	6.78	.....	5.93	.....	8.39	.....	3.16	.....	1.17	.....	0.12	.....	1.98	.....	3.46	.....	4.86	.....	45.06	.....
Magnolia	1.66	−3.83	3.02	−0.48	2.19	−3.06	6.63	+1.46	2.11	−2.49	6.82	+2.66	8.37	+4.92	3.21	−0.44	0.19	−2.99	3.64	+0.93	4.24	−0.34	7.10	+2.40	49.18	− 1.26
Marvell	1.85	−1.56	2.55	−0.99	2.28	−2.63	9.46	+4.24	3.81	−0.49	13.39	+9.07	7.44	+3.87	4.23	−0.21	0.12	−3.49	4.58	+1.73	5.60	−12.28	2.79	−0.29	58.03	+12.43
Mammoth Spring	1.79	−2.99	2.00	−1.92	2.87	−2.81	7.00	+3.13	2.91	−2.02	5.22	+0.70	3.13	−0.57	4.55	+1.94	0.05	−3.19	4.24	+0.55	4.02	+1.02	3.61	−0.95	41.39	− 7.11
Marianna	2.43	−3.08	2.09	−1.43	3.01	−2.00	7.97	+2.38	3.54	−1.15	7.95	+5.02	1.27	−2.13	4.92	+0.95	0.81	−1.53	5.93	+1.67	2.36	−2.14	4.17	−0.31	46.37	− 3.85
Marked Tree	1.18	−2.39	1.66	−0.62	2.56	−1.69	12.55	+8.45	4.71	−1.41	16.71	+11.81	1.98	−1.29	6.74	+1.94	0.41	−3.48	5.28	+2.57	2.56	−1.33	3.69	−0.54	59.66	+11.05
Marshall	1.50	−2.29	2.04	−1.17	1.35	−3.59	10.10	+6.34	4.92	−1.55	6.11	+1.27	4.84	+0.79	2.32	−2.95	0.07	−3.52	3.20	−0.17	5.08	+1.62	5.08	+1.21	46.64	− 3.64
Mena	2.52	.....	1.22	.....	2.06	.....	7.43	.....	2.57	.....	7.43	.....	2.46	.....	6.79	.....	0.00	.....	3.78	.....	5.07	.....	3.95	.....	45.22	.....
Morrilton	.....	.....	1.47	−0.91	0.74	−3.73	9.03	+4.82	7.35	+1.89	15.04	+10.75	4.38	−0.04	6.87	+2.97	0.37	−3.69	.....	.....	3.87	+0.61	4.34	+0.77	.....	.....
Mountain Home	0.64	−3.66	2.33	−1.79	1.90	−2.91	8.74	+3.03	1.91	−3.91	7.04	+2.40	4.90	+1.38	3.34	−0.39	0.00	−3.19	4.85	+1.20	6.44	+2.40	5.33	+1.14	47.42	− 4.31
Nashville	.....	.....	.....	.....	.....	.....	6.34	.....	2.76	.....	8.85	.....	7.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport	2.77	−2.15	2.03	−1.59	2.39	−2.50	8.48	+3.49	2.24	−2.03	11.49	+7.85	2.60	−0.56	3.25	−0.23	2.10	−1.65	6.36	+3.63	3.29	−1.11	3.65	−0.21	50.59	+ 2.94
Norman	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00	.....	3.30	.....	7.89	.....	6.81	.....	.....	.....
Oden	1.91	.....	1.86	.....	1.61	.....	9.55	.....	1.80	.....	7.50	.....	4.66	.....	2.54	.....	0.25	.....	2.68	.....	5.45	.....	4.10	.....	43.28	.....
Osceola	1.93	−3.2	1.50	−2.22	1.48	−3.94	8.00	+3.74	2.89	−1.89	9.10	+5.64	2.43	+1.13	5.79	+2.96	0.40	−2.26	7.30	+5.05	2.97	−1.88	4.39	+0.24	48.18	+ 1.09
Ozark	2.12	−0.37	1.94	−0.61	1.94	−2.21	8.77	+4.23	2.86	−2.68	9.25	+4.98	4.59	+1.24	7.03	+2.97	T.	−2.99	3.04	+0.19	4.94	+0.86	2.94	−0.30	48.52	+ 5.31
Paragould	4.49	.....	2.86	.....	3.13	.....	8.46	.....	3.52	.....	13.91	.....	0.60	.....	4.89	.....	0.12	.....	9.18	.....	4.02	.....	4.68	.....	59.86	.....
Patterson	2.56	−2.13	2.22	−0.77	3.25	−3.36	7.80	+1.49	2.68	−1.98	9.91	+5.81	1.57	−1.59	5.84	+3.11	1.84	−1.42	4.98	+0.79	3.18	−1.89	3.91	−0.09	49.20	− 2.03
Piggott	2.10	.....	2.95	.....	2.33	.....	7.42	.....	3.47	.....	11.86	.....	2.65	.....	6.67	.....	0.80	.....	11.58	.....	3.64	.....	3.83	.....	59.30	.....
Pintail	2.12	.....	1.24	.....	2.23	.....	3.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pine Bluff	0.55	−4.19	1.95	−2.05	4.39	−1.12	10.78	+5.28	2.03	−2.55	9.33	+5.46	5.29	+1.77	2.76	−0.58	0.14	−3.47	8.12	+5.51	3.07	−1.12	4.06	−0.91	32.47	+ 1.78
Pocahontas	1.96	−2.28	2.47	−0.80	2.24	−2.45	8.92	+4.14	4.96	+0.47	17.16	+13.21	1.62	−2.90	6.44	+1.88	0.08	−3.50	6.84	+4.02	5.81	+2.30	4.51	+0.87	63.01	+15.00
Portland	0.64	−4.41	2.74	−1.55	2.43	−2.86	9.43	+4.13	2.85	−3.49	4.34	+0.20	4.67	+0.17	0.73	−3.24	0.40	−2.35	1.87	−0.87	4.76	+1.16	5.43	−0.07	40.29	−13.15
Prescott	1.88	−2.49	3.64	+0.12	2.83	−1.78	5.82	+0.43	2.58	−2.42	11.08	+7.34	7.46	+4.34	2.99	−0.39	0.14	−2.84	6.25	+3.74	2.22	−1.27	5.96	+1.85	52.80	+ 6.63
Princeton	1.39	−2.90	2.50	−1.84	3.14	−1.98	7.84	+2.32	3.02	−2.17	9.76	+5.61	6.04	+1.65	1.12	−2.22	1.20	−2.13	4.47	+1.69	2.91	−1.05	5.57	+0.23	48.96	− 2.29
Rison	1.65	−3.69	1.79	−1.35	4.11	−1.20	8.03	+3.48	1.81	−1.84	10.29	+6.34	3.72	+0.42	2.89	−0.57	0.00	−3.87	7.49	+4.61	4.08	+0.70	4.71	+1.00	50.48	− 4.51
Rogers	1.71	−0.75	2.46	+0.58	3.12	−0.47	10.07	+5.72	5.99	+0.81	10.54	+5.93	2.41	−1.70	5.97	+2.41	0.30	−3.20	2.85	+0.04	5.13	+2.20	2.85	+0.55	53.40	+12.12
St. Francis	2.29	.....	2.96	.....	2.20	.....	7.16	.....	2.71	.....	11.76	.....	1.81	.....	5.51	.....	0.98	.....	7.97	.....	3.11	.....	4.48	.....	52.94	.....
Searcy	1.35	−2.33	2.56	−0.99	2.51	−2.96	9.00	+3.56	2.30	−2.55	10.06	+6.56	2.73	+0.24	4.82	+1.09	1.53	−1.76	3.04	−0.15	4.12	−1.36	5.22	+0.50	49.74	− 0.15
Springbank	1.70	−2.60	2.73	−0.94	2.88	−1.91	8.10	+0.68	2.70	−1.54	8.82	+4.46	3.34	−0.24	1.99	−2.20	T.	−3.30	3.93	+0.87	4.63	+1.16	6.77	+1.92	47.29	− 3.64
Story	1.08	.....	1.91	.....	1.42	.....	8.71	.....	2.99	.....	7.08	.....	7.13	.....	2.94	.....	0.30	.....	3.72	.....	2.67	.....	5.16	.....	45.14	.....
Stuttgart	1.97	−2.94	2.00	−1.61	3.26	−2.51	9.33	+4.11	5.64	+0.95	5.67	+1.56	8.18	−0.70	6.28	+2.68	0.00	−3.44	8.18	+5.25	3.29	−0.70	5.01	+0.30	53.79	+ 2.95
Subiaco	4.44	+1.24	1.78	−0.91	1.96	−0.85	9.45	+5.17	4.28	−1.35	10.66	+6.69	2.73	−0.65	3.81	−0.07	T.	−3.24	3.28	+0.19	3.01	−0.11	2.52	−0.46	47.87	+ 5.65
Texarkana	1.36	−1.88	4.69	+1.75	1.82	−2.37	5.72	+0.49	4.41	+0.31	7.73	+4.10	4.54	+1.12	2.88	−0.32	0.15	−2.58	5.88	+3.17	5.70	+2.55	7.27	+3.74	52.15	+10.08
Thornburg	2.20	.....	1.86	.....	1.05	.....	9.47	.....	4.24	.....	10.09	.....	2.60	.....	10.57	.....	0.19	.....	5.84	.....	3.95	.....	4.88	.....	56.44	.....
Waldron	2.72	.....	1.28	.....	1.21	.....	7.48	.....	5.37	.....	5.70	.....	7.10	.....	2.41	.....	1.02	.....	2.20	.....	5.25	.....	2.74	.....	43.48	.....
Warren	1.20	−3.35	2.19	−2.69	3.72	−1.86	10.47	+5.12	1.74	−2.85	5.46	+1.48	3.96	+0.53	1.53	−2.67	1.50	−2.68	6.44	+2.95	3.73	−0.24	4.58	−0.85	46.52	− 6.51
Waters	2.11	.....	1.44	.....	1.79	.....	11.08	.....	2.20	.....	8.98	.....	9.84	.....	3.92	.....	0.00	.....	3.61	.....	5.54	.....	5.09	.....	56.10	.....
Whitedlins	0.50	−2.62	3.09	+0.07	3.28	−0.91	5.72	−0.38	2.28	−2.62	6.35	+2.84	5.19	+3.05	2.42	−0.99	0.00	−2.39	5.76	+2.78	6.13	+3.19	5.45	+1.56	46.18	+ 3.58
Wilson	2.37	.....	2.77	.....	2.03	.....	9.15	.....	1.55	.....	6.76	.....	1.02	.....	4.50	.....	0.00	.....	5.89	.....	3.82	.....	5.08	.....	43.86	.....
Wynne	1.38	−3.37	1.59	−1.95	2.67	−2.33	8.54	+2.95	4.16	−0.30	9.13	+5.58	1.84	−1.94	10.53	+6.55	2.60	−0.83	6.68	+2.79	3.24	−0.41	4.42	−0.34	56.78	+ 6.40
Yancopin	0.71	.....	2.60	.....	4.55	.....	8.46	.....	3.38	.....	6.78	.....	2.25	.....	1.89	.....	0.76	.....	2.45	.....	4.01	.....	4.30	.....	42.17	.....

Departures from the normal precipitation are based on records of ten or more years. ††Amounts considered too small.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.
Corning
Pocahontas
Hardy
Black Rock
Evening Shade
Mammoth Springs
Calico Rock
Mountain Home
Dodd City
Harrison
Eureka Springs
Gravette
Bentonville
Rogers
Fayetteville
Lincoln
Dutton
Nail
Marshall
Pindall
Arkansas
Ozark
Clarksville
Subiaco
Fort Smith
Booneville
Danville
Waldron
Mena
Ola
Atkins
Russellville
Dardanelle
Conway
Morrilton
Arkadelphia
Malvern
Hot Springs
Amity
Prescott
Nashville
Texarkana
Fulton
Hope
Little Rock
Benton
Sheridan
Stuttgart
Warren
Junction
Hutig
Magnolia
El Dorado
Spring Bank
Portland
Dumas
Arkansas City
Rohwer
Monticello
Star City
Pine Bluff
Dewitt
Stuttgart
Helena
Marianna
Wynne
Patterson
Scatcy
Georgetown
Newport
Batesville
Jonesboro
Osceola
Marked Tree
Blytheville
Manila
Leachville
Paragould
Piggott
Corning
Walnut Ridge
Black Rock
Hoxie
Imboden
Smithville
Powhatan
Ash Flat
Mammoth Springs
Salem
Mountain View
Calico Rock
Cotter
Yellville
Flippin
Gassville
Mountain Home
Harrison
Eureka Springs
Berryville
Huntsville
Fayetteville
Springdale
Rogers
Bentonville
Gravette
Siloam Springs
Decatur
Gentry
Prairie Grove
Lincoln
Greenland
Elkins
Winslow
Alma
Van Buren
Fort Smith
Mulberry
Ozark
Clarksville
Ola
Danville
Dardanelle
Russellville
Atkins
Morrilton
Conway
Greenbrier
Damascus
Quitman
Clinton
Heber Springs
Higden
Marshall
Arkansas
Subiaco
Booneville
Paris
Ola
Waldron
Mena
Mount Ida
Hot Springs
Malvern
Arkadelphia
Amity
Prescott
Nashville
Texarkana
Fulton
Hope
Little Rock
Benton
Sheridan
Stuttgart
Warren
Junction
Hutig
Magnolia
El Dorado
Spring Bank
Portland
Dumas
Arkansas City
Rohwer
Monticello
Star City
Pine Bluff
Dewitt
Stuttgart
Helena
Marianna
Wynne
Patterson
Scatcy
Georgetown
Newport
Batesville
Jonesboro
Osceola
Marked Tree
Blytheville
Manila
Leachville
Paragould
Piggott
CRAIGHEAD
POINSETT
CRITTENDEN
CROSS
ST. FRANCIS
LEE
PHILLIPS
MONROE
PRAIRIE
LONOKE
WHITE
JACKSON
WOODRUFF
INDEPENDENCE
RANDOLPH
CLAY
GREENE
LAWRENCE
SHARP
IZARD
BAXTER
FULTON
MISSISSIPPI
BOONE
CARROLL
MARION
SEARCY
STONE
NEWTON
MADISON
WASHINGTON
BENTON
VAN BUREN
CLEBURNE
FAULKNER
CONWAY
POPE
JOHNSON
FRANKLIN
CRAWFORD
LOGAN
SEBASTIAN
YELL
PERRY
SCOTT
POLK
MONTGOMERY
GARLAND
PULASKI
SALINE
HOT SPRINGS
GRANT
JEFFERSON
ARKANSAS
LINCOLN
DESHA
CHICOT
ASHLEY
DREW
BRADLEY
CALHOUN
OUACHITA
CLEVELAND
DALLAS
CLARK
NEVADA
HEMPSTEAD
PIKE
SEVIER
LITTLE RIVER
MILLER
LAFAYETTE
COLUMBIA
UNION
33
35
90
91
92
93
94
95
36



MISCELLANEOUS PHENOMENA, 1928

Number of reports and number of days on which reported

Month	Hail, moderate		Hail, heavy		Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Solar Halos		Lunar Halo		Light Haze		Killed by light'ng	Aurora (date)
	Reports	Days with	Reports	Days with	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Dates	Kille	Injured	Damage	Reports	Days	Reports	Days	Reports	Days		
January	..	..	....	....	35	8	25	7	....	....	....	....	....	....	.....	....	.....	....	.....	.....	3	2	5	3	.....	.....	.....	..
February	....	....	....	....	52	10	23	9	3	3	....	....	....	....	.....	....	.....	....	.....	.....	5	4	5	4	.....	.....	.....	....
March	..	...	1	1	126	18	6	5	....	....	....	....	....	....	.....	....	.....	....	.....	.....	6	5	4	3	.....	.....	.....	....
April	1	1	1	1	217	17	2	2	....	....	....	..	2	1	$1200	4	4	3	17	$116,000	7	4	....	....	.....	.....	.....	....
May	1	1	2	1	242	23	9	4	....	....	....	....	....	....	.....	1	1	0	3	slight	6	4	2	1	.....	.....	.....	....
June	1	1	1	1	528	29	13	9	....	....	....	....	....	....	.....	1	1	2	1	$10,000	8	8	1	1	....	....	....	7
July	....	....	....	....	458	26	7	6	....	....	....	....	....	....	.....	....	.....	....	.....	.....	4	4	....	....	.....	.....	.....	....
August	1	1	1	1	458	31	9	6	....	....	....	....	....	....	.....	....	.....	....	.....	.....	7	7	1	1	.....	.....	.....	....
September	....	....	....	....	42	7	12	9	....	....	....	....	....	....	.....	....	.....	....	.....	.....	7	5	....	....	.....	.....	.....	....
October	....	..	....	....	213	22	10	7	....	....	....	....	....	....	.....	....	.....	....	.....	.....	5	3	3	6	.....	.....	.....	....
November	....	....	....	....	35	9	30	9	7	3	....	....	....	....	.....	....	.....	....	.....	.....	2	2	12	5	.....	.....	.....	....
December	....	....	....	....	45	9	29	11	....	....	....	....	....	....	.....	....	.....	....	.....	.....	4	3	3	3	.....	.....	.....	....
Year	4	4	6	5	2481	209	175	87	10	6	....	....	2	1	$1200	6	6	5	21	$126,000	64	54	43	30	.....	.....	5	....

EXCESSIVE PRECIPITATION FOR 1928

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
Apr. 20	6:35 p.m.	[b]4:15 a.m.	2.40	8:25 p.m.	8:43 p.m.	0.41	0.05	0.14	0.42	0.47										
Apr. 20	6:35 p.m.	[b]4:15 a.m.	2.40	9:04 p.m.	9:26 p.m.	0.94	0.07	0.11	0.48	0.57	0.61									
May 3	9:05 p.m.	[b]6:05 a.m.	1.22	2:49 a.m.	3:19 a.m.	0.59	0.15	0.22	0.31	0.38	0.43	0.50								
May 14	7:30 a.m.	12:00 noon	1.01	10:29 a.m.	11:09 a.m.	0.11	0.16	0.22	0.27	0.32	0.39	0.51	0.63	0.80						
June 22	8:20 p.m.	D.N. p.m.	1.57	9:27 p.m.	9:58 p.m.	0.34	0.20	0.44	0.66	0.78	1.09	1.18	1.20							
July 12	7:15 a.m.	11:25 a.m.	0.89	8:52 a.m.	9:12 a.m.	0.23	0.15	0.27	0.33	0.50										
Aug. 17	8:40 p.m.	10:10 p.m.	0.59	8:44 p.m.	8:56 p.m.	0.01	0.29	0.46	0.49											
Aug. 18	2:55 p.m.	4:26 p.m.	0.39	3:00 p.m.	3:22 p.m.	0.01	0.09	0.24	0.35											
Aug. 24	5:10 p.m.	[b]11:40 a.m.	2.12	1:52 a.m.	2:15 a.m.	0.91	0.35	0.48	0.56	0.64	0.68									
Oct. 16	3:15 a.m.	5:22 a.m.	1.54	3:52 a.m.	4:50 a.m.	0.02	0.13	0.26	0.31	0.32	0.52	0.65	0.75	0.82	0.86	0.93	1.00	1.30		
Oct. 16	3:02 p.m.	3:40 p.m.	0.39	3:22 p.m.	3:29 p.m.	0.03	0.21	0.36												
LITTLE ROCK, ARK.																				
Apr. 5	1:00 p.m.	[b]D.N. a.m.	1.83	6:23 p.m.	6:48 p.m.	0.31	0.07	0.33	0.57	0.70	0.77									
Apr. 13	8:30 p.m.	D.N. p.m.	0.79	8:55 p.m.	9:20 p.m.	0.13	0.13	0.22	0.33	0.46	0.51									
Apr. 20	D.N. p.m	[b]6:15 a.m.	1.71	12:57 a.m.	1:12 a.m.	0.61	0.21	0.31	0.37											
Apr. 22	6:40 p.m.	8:30 p.m.	0.58	6:46 p.m.	6:58 p.m.	0.01	0.25	0.44	0.47											
May 19	D.N. a.m.	6:25 a.m.	2.01	3:52 a.m.	4:54 a.m.	0.04	0.06	0.18	0.37	0.48	0.53	0.74	0.97	1.10	1.21	1.32	1.46	1.58		
May 28	D.N. p.m.	[b]6:05 a.m.	1.10	12:30 a.m.	12:14 a.m.	0.09	0.20	0.51	0.72											
June 2	7:05 p.m.	[b]10:45 a.m.	1.55	7:07 p.m.	7:32 p.m.	0.01	0.18	0.29	0.33	0.45	0.53									
June 9	D.N. a.m.	9:30 a.m.	1.50	4:53 a.m.	5:45 a.m.	0.01	0.06	0.10	0.14	0.17	0.26	0.42	0.52	0.56	0.77	1.02	1.10			
June 13	12:12 p.m.	2:40 p.m.	0.56	12:20 p.m.	12:44 p.m.	0.01	0.15	0.22	0.32	0.51	0.60									
June 21	D.N. a.m.	7:15 a.m.	0.82	12:45 a.m.	12:57 a.m.	0.01	0.08	0.23	0.34											
June 22	8:58 p.m.	[b]D.N. a.m.	0.64	10:57 p.m.	11:16 p.m.	0.01	0.10	0.28	0.37	0.44										
July 23	D.N. a.m.	D.N. a.m.	0.53	2:43 a.m.	2:51 a.m.	0.01	0.23	0.32												
July 26	9:27 a.m.	11:00 a.m.	0.88	9:56 a.m.	10:33 a.m.	0.01	0.08	0.25	0.56	0.76										
Aug. 9	5:03 p.m.	5:20 p.m.	0.33	5:05 p.m.	5:12 p.m.	0.01	0.24	0.32												
Aug. 18	8:35 p.m.	9:00 p.m.	0.36	8:37 p.m.	8:45 p.m.	0.01	0.20	0.31												
Aug. 18	9:45 p.m.	D.N. p.m.	0.68	9:52 p.m.	10:03 p.m.	0.01	0.17	0.40	0.44											
Aug. 21	7:31 p.m.	8:15 p.m.	0.47	7:35 p.m.	7:45 p.m.	0.01	0.19	0.31												
Aug. 31	D.N a.m.	2:15 p.m.	1.46	2:11 a.m.	2:56 a.m.	0.05	0.09	0.12	0.15	0.21	0.33	0.39	0.48	0.63	0.77					
Sept. 15	D.N.a.m.	D.N.a.m.	0.72	2:05 a.m.	2:18 a.m.	0.01	0.18	0.29	0.47											
Oct. 5	D.N.a.m.	D.N.a.m.	0.72	1:16 a.m.	1:37 a.m.	0.08	0.10	0.25	0.35	0.57	0.61									
Oct. 15	8:50 a.m.	9:35 a.m.	0.44	8:57 a.m.	9:14 a.m.	0.01	0.13	0.20	0.41	0.43										
Memphis, Tenn.																				
Apr. 5	6:06 p.m.	[b]D.N. a.m.	2.17	10:20 p.m.	11:12 p.m.	0.61	0.05	0.13	0.20	0.25	0.29	0.42	0.45	0.50	0.57	0.76	0.86			
Apr. 30	12:12 p.m.	3:30 p.m.	0.86	12:45 p.m.	12:52 p.m.	0.01	0.36	0.44												
May 19	5:50 a.m.	9:30 a.m.	0.85	7:53 a.m.	8:27 a.m.	0.09	0.18	0.27	0.38	0.45	0.48	0.59	0.61							
June 13	11:27 a.m.	7:05 p.m.	1.03	2:55 p.m.	3:05 p.m.	0.50	0.22	0.30												
July 16	8:40 p.m.	11:10 p.m.	0.62	9:04 p.m.	9:20 p.m.	0.03	0.19	0.37	0.50	0.55										
Aug. 21	8:15 a.m.	10:50 a.m.	0.84	8:52 a.m.	9:10 a.m.	0.01	0.17	0.34	0.53	0.62										
Aug. 30	3:45 p.m.	4:30 p.m.	0.84	3:47 p.m.	3:53 p.m.	0.01	0.33	0.56												
Aug. 31	7:39 a.m.	[b]9:00 a.m.	1.83	8:52 a.m.	10:01 a.m.	0.23	0.05	0.11	0.22	0.38	0.45	0.49	0.62	0.72	0.76	0.86	1.03	1.15		
Oct. 16	1:36 p.m.	[b]6:35 a.m.	1.77	1:46 p.m.	2:14 p.m.	0.02	0.15	0.24	0.36	0.55	0.63	0.70								

[b] On following day.

MONTHLY HIGHEST, LOWEST AND MEAN RIVER STAGES FOR 1928

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	4.0	1.0	2.8	3.2	1.0	2.2	4.3	0.9	2.5	17.3	0.8	5.7	3.5	0.5	1.9	6.3	0.3	3.3	4.1	-0.3	1.7	5.0	-0.5	1.2	1.5	-0.6	-0.1	-0.3	-0.7	-.3	3.6	0.9	1.8	19.1	1.2	5.7
Arkansas City	29.2	29.2	32.9	38.1	28.9	34.2	37.5	26.4	33.0	47.3	31.2	41.2	49.2	32.9	42.4	51.3	30.5	38.8	52.6	30.6	38.8	35.8	18.7	25.6	22.4	17.6	20.8	17.3	15.3	16.0	36.0	15.6	20.6	38.7	25.7	30.1
Batesville	16.0	3.3	10.9	16.3	8.7	9.6	13.7	8.5	10.8	23.4	8.2	19.4	19.8	8.7	12.5	37.6	10.1	22.8	21.1	7.7	11.1	13.6	6.6	8.6	8.0	5.5	6.5	6.1	5.0	5.6	8.5	5.8	6.5	15.9	7.4	10.2
Black Rock	14.0	6.0	8.7	9.8	7.2	8.1	10.0	7.4	8.7	21.9	7.0	18.1	20.4	7.1	12.0	26.6	6.8	12.1	23.8	6.4	13.9	6.8	4.6	5.5	6.9	5.3	6.4	11.2	3.4	4.8	9.7	5.5	6.2	16.2	8.1	11.4
Calico Rock	9.1	2.9	4.8	4.6	3.0	4.0	7.4	2.9	5.0	21.8	2.8	12.9	11.5	3.2	5.1	22.2	4.3	11.2	12.8	2.3	5.1	7.8	1.4	3.2	3.9	0.6	1.5	1.1	0.5	0.7	2.2	0.4	1.1	8.9	2.2	5.1
Camden	14.7	7.4	10.3	14.7	6.5	10.0	15.7	7.1	10.5	32.2	6.2	20.9	25.4	6.0	9.6	25.6	5.7	17.2	16.1	5.5	9.2	15.8	1.9	7.3	6.0	3.8	4.4	4.3	4.7	4.3	10.0	4.5	6.3	19.9	9.2	17.8
Clarendon	28.3	22.2	24.9	25.1	20.9	22.7	28.3	20.5	21.9	36.9	21.1	27.1	31.5	23.3	27.1	34.8	24.0	28.0	34.9	21.4	28.6	20.5	13.5	15.6	20.5	12.4	13.5	9.8	11.6	15.4	11.6	12.3	13.0	24.4	14.4	19.4
Corning	11.7	9.6	10.2	11.7	9.7	10.3	11.5	9.3	10.6	13.3	9.2	12.1	12.7	8.6	10.1	15.0	8.5	12.2	14.0	7.9	10.8	8.7	7.4	8.1	8.9	6.4	7.3	6.4	6.3	7.2	11.6	7.2	8.3	13.5	10.5	11.8
Cotter	9.9	3.3	5.1	5.3	3.7	4.7	8.0	3.5	5.5	15.2	3.3	11.5	11.6	3.7	6.4	27.5	4.8	14.1	13.8	2.6	5.2	8.9	2.2	4.2	4.6	1.4	2.4	2.1	1.1	1.6	5.8	1.1	2.1	9.4	2.8	5.1
Dam No. 1	24.2	1.8	5.8	6.0	1.2	3.2	6.9	0.8	3.7	8.3	0.5	12.5	9.0	1.3	4.1	33.0	1.5	11.0	11.0	0.9	3.6	3.0	-1.0	0.1	2.0	-2.8	-0.7	2.0	-3.3	-0.9						
Danville	21.8	5.7	9.4	9.4	6.3	7.5	7.3	3.9	4.6	25.6	2.8	14.8	11.2	5.9	7.6	25.7	2.4	12.1	17.2	2.5	6.9	11.3	2.0	3.8	4.3	2.6	1.3	1.8	0.6	1.8	15.4	1.2	2.1	20.6	5.9	8.5
Dardanelle	12.2	4.8	7.1	11.7	4.6	7.0	12.0	4.7	7.1	21.5	5.3	13.0	17.0	5.9	9.4	22.5	5.3	15.4	13.6	5.7	8.5	18.6	5.0	7.7	5.8	3.1	3.9	3.7	2.9	3.3	15.0	3.6	4.8	23.4	8.7	12.7
De Valls Bluff	23.1	17.8	20.3	21.6	17.1	18.2	20.1	16.7	18.3	27.2	17.0	23.5	27.9	19.3	22.9	28.9	20.8	24.9	29.0	16.3	22.6	16.9	11.0	12.8	17.8	7.8	11.2	11.5	7.4	8.6	12.4	8.1	10.1	21.8	10.1	15.3
Fort Smith	13.6	6.1	8.0	13.8	5.8	8.7	14.4	6.2	9.2	22.4	6.6	14.1	19.2	7.2	10.1	24.3	5.7	17.1	15.7	7.0	10.0	21.1	6.0	9.1	5.6	2.5	4.0	4.7	2.4	3.6	17.2	3.5	4.2	26.5	5.6	9.2
Fulton	16.1	9.1	11.8	16.0	8.6	10.8	11.4	8.2	9.4	23.6	7.6	18.6	25.9	10.9	17.8	23.7	14.2	19.1	19.5	10.4	12.9	15.1	7.4	10.2	7.9	6.5	6.9	6.5	5.7	6.1	11.1	5.8	8.4	23.5	7.6	14.2
Georgetown	20.9	12.6	17.9	17.8	12.8	13.6	17.0	12.5	14.8	25.2	11.9	22.1	27.2	15.3	20.2	29.9	17.0	23.5	30.6	19.8	13.3	6.3	8.2	9.9	3.6	6.6	7.7	3.4	4.5	8.1	2.8	5.2	20.0	7.5	12.7
Gilbert	8.2	4.4	5.2	5.6	4.7	5.0	6.0	4.6	5.3	27.9	5.0	8.1	8.1	4.6	5.4	15.5	5.0	7.4	5.1	3.5	4.2	5.0	3.3	3.6	3.5	3.1	3.5	3.3	3.1	3.2	1.6	3.1	3.4	6.8	3.7	4.6
Helena	35.5	23.6	26.5	35.6	22.1	29.4	33.4	22.7	28.0	35.8	20.4	35.1	42.2	22.1	32.8	44.4	25.3	35.6	45.7	26.5	40.1	26.4	16.1	23.1	25.7	14.5	17.7	15.8	10.4	12.4	34.5	15.2	18.8	34.1	18.4	25.5
Index	14.5	8.4	10.4	14.0	8.2	9.8	9.4	8.0	8.6	24.9	7.7	15.6	25.0	11.8	16.1	21.5	12.4	17.0	17.2	10.4	12.2	14.0	7.8	9.9	8.4	7.1	7.6	7.4	6.8	7.0	10.5	7.0	8.0	13.6	7.8	11.1
LITTLE ROCK	13.0	3.8	6.4	11.2	3.2	6.0	11.5	3.1	5.9	20.6	3.4	12.7	15.9	3.4	8.7	20.6	3.9	13.8	14.2	4.5	7.8	16.0	3.5	6.4	5.0	0.1	1.6	1.1	-0.3	0.3	13.3	0.1	1.3	14.1	2.3	7.8
Marked Tree	10.0	8.3	9.3	9.2	7.9	8.5	8.9	7.8	8.2	14.2	7.2	10.7	14.0	7.0	11.1	17.7	6.5	11.7	15.2	6.9	11.3	4.1	5.8	5.2	2.7	3.7	5.9	1.7	3.7	5.2	2.8	5.4	11.6	7.3	8.8
Morrilton	11.6	3.0	5.4	10.2	3.0	5.0	11.0	2.5	5.1	21.0	3.3	12.4	16.2	3.5	8.0	22.4	4.6	14.3	12.7	4.0	7.3	17.0	3.5	5.9	4.0	0.2	1.5	0.6	0.2	0.2	11.5	0.3	1.3	12.7	2.2	6.8
Newport	18.2	7.3	12.9	10.9	8.4	9.4	14.4	8.2	10.9	32.9	8.6	22.8	25.5	9.7	16.3	27.2	10.1	20.1	27.8	6.5	11.2	4.8	6.7	8.8	3.0	1.7	2.8	3.9	7.0	3.1	4.7	19.2	7.0	12.0
Ozark	11.0	2.3	4.9	11.9	2.7	5.2	11.3	2.8	5.4	19.8	3.1	11.0	15.0	3.5	7.7	20.4	3.3	13.3	12.4	4.5	7.4	17.2	2.8	6.3	3.9	0.9	1.8	2.6	0.3	1.4	13.0	1.1	5.3	12.6	5.0	6.5
Patterson	9.8	6.4	7.4	7.7	6.0	6.8	8.3	6.1	7.4	9.7	5.6	8.7	9.3	5.2	6.8	11.8	7.5	9.8	10.9	4.8	7.0	4.7	4.3	4.5	5.8	3.6	4.6	8.8	3.3	5.2	7.2	4.8	6.1	9.6	5.7	7.3
Pine Bluff	15.8	8.2	10.6	14.8	7.6	10.2	15.3	7.6	10.3	24.2	7.9	16.7	21.1	10.2	14.3	24.8	9.5	18.2	20.6	9.8	13.2	19.9	8.7	11.3	9.2	5.3	7.0	6.3	4.6	5.3	16.8	4.1	8.2	17.8	8.6	12.2
St. Francis	16.4	8.1	11.7	15.9	9.9	13.0	15.5	10.1	12.7	21.3	9.8	17.2	19.4	7.3	10.9	26.7	7.7	21.4	22.8	6.4	14.3	11.6	5.6	8.2	10.8	4.2	6.0	5.4	4.7	7.2	15.5	6.4	10.6	21.0	12.3	17.4
Springbank	16.3	9.1	13.0	11.5	7.0	8.4	10.5	7.2	8.3	26.9	6.6	13.1	26.8	13.6	19.4	24.2	15.0	20.2	9.1	9.0	12.3	13.6	8.2	10.1	8.5	7.1	7.7	7.8	6.0	7.1	9.0	7.1	7.8	24.3	7.5	14.3
Whitecliffs	17.4	3.0	7.9	17.2	3.4	7.7	9.6	2.8	4.4	27.3	2.4	17.6	18.9	2.3	11.8	23.6	3.4	15.7	19.5	1.0	4.2	9.0	0.6	2.6	0.9	-0.1	0.3	0.6	-0.1	0.2	6.2	0.7	2.6	27.3	2.7	13.7
Yancopin	28.5	19.1	23.2	26.7	18.5	23.2	26.3	19.2	22.6	36.5	21.1	31.1	36.7	23.4	31.4	38.8	20.4	29.9	39.1	25.0	35.3	26.3	13.6	18.6	16.5	8.1	11.9	9.4	7.0	8.2	25.2	8.4	11.2	27.8	13.2	22.2

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